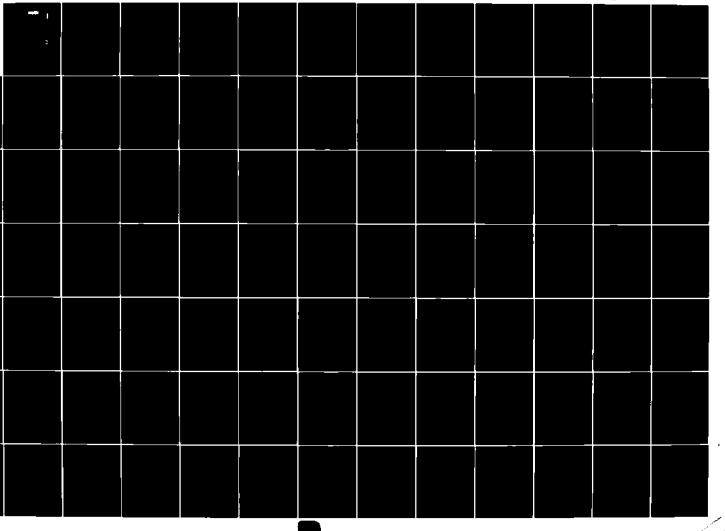
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FORT SIMPSON, NORTHWEST TERRITORIES, CANADA. REVISED UNIFORM SU--ETC(U)
JAN 72

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Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

FORT SIMPSON NWT DOT WBAN # 26210
N 61 45 W 121 14 ELEV 576 FT CYFS WMO # 72946

PARTS A, C-F

POR FROM HOURLY OBS: JAN 57-DEC 66

REC'D FEB 03 1972

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Technical Information Section
USAFETAC/TST

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1. REPORT NUMBER: USAFETAC/DS-81/045	2. GOVT ACCESSION NO. / 3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Ft Simpson, Northwest Territories, Canada	5. TYPE OF REPORT & PERIOD COVERED: Final rept. / 6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s)	8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS: USAFETAC/OL-A, Air Force Environmental Technical Appl. Center, Scott AFB IL 62225	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS: USAFETAC/CBD, Air Weather Service (MAC), Scott AFB IL 62225	12. REPORT DATE: 25 JAN 72 / 13. NUMBER OF PAGES: 350
14. MONITORING AGENCY NAME & ADDRESS(if different from Controlling Office)	15. SECURITY CLASS. (of this report): UNCLASSIFIED / 15a. DECLASSIFICATION DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT (of this Report)

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

18. SUPPLEMENTARY NOTES

The following parts are missing from this document:
Part A- Atmospheric Phenomena
Part B- Precipitation, Snowfall, Snow Depth
Part E- Daily Max, Min, and Mean Temp/ Extreme Max and Min Temp

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	Psychrometeric 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 Ft Simpson, Northwest Territories, Canada
It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

DD FORM 1 JAN 73 1473

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19. Percentage frenquency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
* Northwest Territories, Canada
** Ft Simpson, Canada

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

The Period of Record for Hourly Observations is:
JAN 57- DEC 66

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AIR WEATHER SERVICE (MAC)

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 DATA NOT AVAILABLE

PART B PRECIPITATION DATA NOT AVAILABLE

SNOWFALL DATA NOT AVAILABLE

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP DATA NOT AVAILABLE

EXTREME MAX & MIN TEMP DATA NOT AVAILABLE

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: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

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

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

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
26210	FORT SIMPSON NWT DOT	N 61 45	W 121 14	576	CYFS	72946

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	Fort Simpson NWT DOT	C	Jan 57	Oct 63	N 61 52	W 121 21	422	N/A	24
2	No Change	C	Nov 63	Dec 66	N 61 45	W 121 14	576	N/A	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	Jan 57 to Oct 63	Not Available	N/A	N/A	N/A	Hourly surface observations on Magnetic tape from DOT Canada.
2	Nov 63 to Dec 66	Not Available	N/A	N/A	N/A	Same as above.

USAFETAC FORM APR 68 0-19 (OL A)

CONTINUED ON REVERSE SIDE

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ASHEVILLE, NORTH CAROLINA

A

PART A WEATHER CONDITIONS

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

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

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

Occurrences of 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 - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

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 total columns.

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

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

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

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

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.

2

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

76210	FORT SIMPSON NWT DET	57-66	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL			.0	24.0		24.0	3.3		1.4		4.7	7440
FEB				.0	23.9		23.9	1.3		.2		1.5	6768
MAR			.1	.1	21.3		21.4	.3		.6		.8	7440
APR			.9	.1	11.3		12.3	.1		.5		.7	7200
MAY		.1	4.9	.0	2.5		7.2	.2				.2	7393
JUN		.4	8.8				8.8	.9				.9	7200
JUL		.8	9.5				9.5	1.5	.5			2.0	7440
AUG		.5	7.8				7.8	1.6	.6			2.2	7440
SEP		.1	11.6		1.3		12.6	3.9				3.9	7200
OCT			4.0	.9	14.6		19.2	6.3	.1	.2		6.6	7440
NOV			.0	.1	29.4		29.5	2.9		1.0		3.9	7200
DEC				.0	28.9		28.9	2.6		1.6		4.2	7440
TOTALS		.2	4.0	.1	13.1		17.1	2.1	.1	.5		2.6	87601

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

2621 | FORT SIMPSON NWT OUT | 57-66 | JAN
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02				25.2		25.2	3.1		.2		3.9	930
	03-05				26.6		28.6	3.4		1.2		4.6	930
	06-08				28.2		28.2	4.7		1.3		6.3	930
	09-11				22.3		22.3	5.9		1.2		7.1	930
	12-14			.1	24.1		24.2	2.7		1.6		4.3	930
	15-17			.2	20.2		20.3	1.7		1.9		3.7	930
	18-20				19.9		19.9	1.9		1.6		3.8	930
	21-23				23.2		23.2	3.2		.8		4.0	930
TOTALS				.0	24.0		24.0	3.3		1.4		4.7	7440

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

2621? FORT STERLING NWT OUT 57-66 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02				26.4		26.4	.?				.9	846
	03-05				25.5		25.5	1.9		.2		2.1	846
	06-08				24.3		24.3	1.?		.?		2.5	846
	09-11				23.5		23.5	2.2		.2		2.5	846
	12-14			.1	23.0		23.2	1.5		.4		2.1	846
	15-17				20.7		20.7	.9				.9	846
	18-20				23.8		23.8	.8				.8	846
	21-23				24.1		24.1	.2				.2	846
TOTALS				.0	23.9		23.9	1.3		.2		1.5	6768

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WEATHER CONDITIONS

26213 FORT SIMPSON N.T. DOT 57-66 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
MAR	00-02		.1		23.3		23.4	.2		.2		.4	930
	03-05				24.7		24.7			.5		.5	930
	06-08		.1	.2	25.1		25.4	.8		.8		1.5	930
	09-11		.1	.3	24.7		25.2	.5		.5		1.1	930
	12-14		.1	.1	17.5		17.7	.2		1.1		1.3	930
	15-17				15.8		15.8	.1		.6		.8	930
	18-20				18.1		18.1	.2		.4		.6	930
	21-23		.2		20.9		21.1	.2		.3		.5	930
TOTALS			.1	.1	21.3		21.4	.3		.6		.8	7440

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AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

26216 (STATION) FT T SIMPSON N&T DOT (STATION NAME) 57-66 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02		1.0		13.3		14.3	.1		.2		.3	900
	03-05		1.0	.1	13.7		14.8	.4		.8		1.2	900
	06-08		.3	.2	14.6		15.0	.3		.2		1.1	900
	09-11		.3	.2	12.8		13.3			1.1		1.1	900
	12-14		1.7	.1	8.3		10.1			.8		.8	900
	15-17		.8	.2	7.0		8.0	.1		.3		.4	900
	18-20		1.0		9.8		10.8						900
	21-23		1.3		11.1		12.4			.3		.3	900
TOTALS			.9	.1	11.3		12.3	.1		.5		.7	7200

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

2?210 — STATION
FORT SIMPSON N.T DET — STATION NAME
57-66 — YEARS
MAY — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
MAY	00-02	.1	6.1		3.7		8.8	.2				.2	921
	03-05		4.0		3.6		7.3	.8				.8	922
	06-08		5.2	.1	2.6		7.8						924
	09-11		4.8		2.8		7.3	.3				.3	926
	12-14		4.6		1.8		6.4	.1				.1	923
	15-17	.4	4.1		1.7		5.8						927
	18-20		4.0		1.8		5.8						927
	21-23		6.6		2.0		8.5						923
TOTALS		.1	4.9	.0	2.5		7.2	.2				.2	7393

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AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

26210 | FORT SIMPSON NWT DUT | 57-66 | JUN
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.2	7.9				7.9	1.1				1.1	900
	03-05		8.8				8.8	1.6				1.6	900
	06-08		6.7				6.7	.9				.9	900
	09-11	.1	9.2				9.2	.6				.6	900
	12-14	1.3	8.6				8.6	.7				.7	900
	15-17	1.0	10.1				10.1	1.1				1.1	900
	18-20	.3	9.9				9.9	.7				.7	900
	21-23	.3	9.0				9.0	.7				.7	900
TOTALS		.4	8.8				8.8	.9				.9	7200

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DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26213 STATION | FORT SIMPSON NWT OUT STATION NAME | 57-66 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.8	11.0				11.0	1.3	.4			1.7	930
	03-05		9.7				9.7	2.8	.6			3.4	930
	06-08	.1	9.9				9.9	2.4	1.1			3.4	930
	09-11		8.8				8.8	2.3	.8			3.0	930
	12-14	.9	7.6				7.6	.8	.3			1.1	930
	15-17	.9	7.3				7.3	.6	.3			1.0	930
	18-20	1.7	10.1				10.1	.8	.3			1.1	930
	21-23	2.0	11.2				11.2	.6	.3			1.0	930
TOTALS		.8	9.5				9.5	1.5	.5			2.0	7440

DATA PROCESSING DIVISION
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2 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26210 FORT SIMPSON NWT DOT 57-66 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
AUG	00-02	.5	10.2				10.2	1.2	.6			1.8	930
	03-05		8.5				8.5	4.9	.5			5.5	930
	06-08		7.7				7.7	3.9	.3			4.2	930
	09-11	.1	7.4				7.4	1.0	.8			1.7	930
	12-14	.3	6.8				6.8	.5	.6			1.2	930
	15-17	1.0	6.1				6.1	.5	.5			1.1	930
	18-20	1.3	7.4				7.4	.6	.4			1.1	930
	21-23	.9	8.6				8.6	.3	.8			1.1	930
TOTALS		.5	7.8				7.8	1.6	.6			2.2	7440

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26210 | FORT SIMPSON NWT DOT | 57-66 | SEP
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-02	.1	11.0		.9		11.9	3.1				3.1	900
	03-05		12.1		1.3		13.4	7.6				7.6	900
	06-08		13.3		1.7		14.7	9.8				9.8	900
	09-11		12.8		1.7		14.1	4.3				4.3	900
	12-14		11.9		1.4		13.2	1.4				1.4	900
	15-17		9.8		1.3		10.9	1.3				1.3	900
	18-20	.3	10.8		1.1		11.3	2.0				2.0	900
	21-23	.1	10.8		.7		11.4	2.0				2.0	900
TOTALS		.1	11.6		1.3		12.6	3.9				3.9	7200

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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WEATHER CONDITIONS

26210 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
OCT — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02		5.5	1.0	14.7		20.9	7.7	.1			7.8	930
	03-05		4.6	1.3	14.7		20.1	11.3				11.3	930
	06-08		3.5	1.5	16.3		21.3	11.5				11.5	930
	09-11		4.3	1.0	17.4		22.4	8.4				8.4	930
	12-14		4.0	1.0	14.9		19.7	2.0	.1	.1		2.5	930
	15-17		3.0	.4	13.4		16.7	1.9	.1	.3		2.4	930
	18-20		2.7	.3	12.6		15.2	2.5	.4	.3		3.2	930
	21-23		4.6	.5	13.0		17.6	5.1	.3	.6		6.0	930
TOTALS			4.0	.9	14.6		19.2	6.3	.1	.2		6.6	7440

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7621[illegible] FORT SIMPSON N.W.T. CAN | 57-66 | NOV
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02				28.9		28.9	2.9		1.2		4.1	900
	03-05			.1	30.2		30.3	4.9		1.0		5.9	900
	06-08		.1	.1	28.1		28.3	5.3		1.0		6.3	900
	09-11			.1	32.1		32.2	4.2		.9		5.1	900
	12-14				29.4		29.4	1.1		.7		1.8	900
	15-17				28.0		28.0	1.1		.7		1.8	900
	18-20			.1	29.3		29.4	1.4		1.2		2.7	900
	21-23			.1	29.3		29.4	2.2		1.3		3.6	900
TOTALS			.0	.1	29.4		29.5	2.9		1.0		3.9	7200

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

26210 — STATION
PT T SIMPSON NOT DOT — STATION NAME
57-66 — YEARS
DEC — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
DEC	00-02				30.8		30.8	3.2		1.6		4.8	930
	03-05				28.5		28.5	3.5		1.2		4.7	930
	06-08				29.0		29.0	3.1		1.1		4.2	930
	09-11				25.9		25.9	3.5		1.4		4.9	930
	12-14				29.2		29.2	1.9		1.1		3.8	930
	15-17				30.5		30.5	1.7		2.0		3.8	930
	18-20				27.6		27.6	1.7		1.5		3.2	930
	21-23			.1	29.5		29.6	2.5		1.3		4.3	930
TOTALS				.0	28.9		28.9	2.6		1.6		4.2	7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART C SURFACE WINDS

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

DATA NOT AVAILABLE

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 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

   NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

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

   a. Three tables are prepared for all surface winds included, and for all years combined as follows:

      (1) Annual - all hours combined

      (2) By month - all hours combined

      (3) By month - by standard 3-hour groups

   b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: 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.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26213 (STATION) FT STEPHENSON NAT UGT (STATION NAME) 57-66 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.2	1.9	.7	.1	.0						5.6	6.6
NNE	.4	.3	.4	.1	.0							1.2	6.3
NE	.6	.2	.1	.0	.0							1.0	4.1
ENE	.4	.1	.1	.0	.0							.7	3.9
E	1.7	.7	.5	.1	.0							3.0	4.3
ESE	2.0	1.9	3.3	.6	.0							7.8	6.5
SE	5.2	4.5	7.0	1.0	.0							17.7	6.1
SSE	1.6	1.5	2.5	.3	.0							5.9	6.2
S	1.6	.7	.6	.0	.0							2.9	4.4
SSW	.5	.4	.4	.1	.0	.0						1.3	4.4
SW	.7	.4	.4	.1	.0							1.4	5.0
WSW	.4	.2	.2	.1	.0	.0						1.0	5.5
W	1.6	.4	.2	.0	.0							2.2	3.7
WNW	2.1	1.4	1.7	.3	.0	.0						5.5	5.6
NW	4.6	4.5	7.1	1.6	.2	.0	.0					18.0	6.6
NNW	1.6	1.9	4.9	2.3	.3	.0	.0					11.1	8.4
VARBL													
CALM												13.3	
	26.8	20.4	31.4	7.4	.7	.1	.0					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 87601

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26216 (STATION) FT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.4	1.0	.4	.1	.0						2.8	7.5
NNE	.1	.0	.1									.2	4.5
NE	.4	.0	.0									.4	2.7
ENE	.2	.0										.2	2.5
E	1.0	.2	.1									1.4	3.5
ESE	1.6	.7	1.8	.2	.0							4.3	5.9
SE	4.7	3.3	5.6	1.0	.0							14.6	6.0
SSE	1.6	1.0	1.9	.1	.0							4.7	5.8
S	1.1	.3	.5	.0								1.9	4.3
SSW	.2	.0	.1	.1								.4	5.8
SW	.3	.1	.2	.1								.6	5.8
WSW	.3	.0	.0	.0								.4	3.4
W	2.0	.3	.1									2.4	3.0
WNW	3.0	2.6	3.2	.7	.1							9.6	6.0
NW	7.3	5.9	8.8	2.0	.2							24.2	6.4
NNW	2.3	1.5	4.4	2.0	.3	.1	.0					10.8	5.3
VARBL													
CALM												21.1	
	27.0	16.5	27.8	6.6	.8	.2	.0					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26214	FT SIMPSON NWT DOT	57-66	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.4	1.2	.5	.1							3.4	7.3
NNE	.2	.0		.0								.3	4.4
NE	.3	.0	.0									.3	2.9
ENE	.2	.0	.0									.2	3.2
E	1.2	.5	.2	.0								1.9	3.7
ESE	1.9	1.7	3.0	.4								6.9	6.2
SE	5.7	4.1	6.3	.8	.1							17.0	5.9
SSE	1.6	1.3	2.3	.3	.0							5.5	6.2
S	.8	.4	.3									1.5	4.2
SSW	.3	.1	.1									.4	3.6
SW	.4	.2	.2	.1								.7	5.9
WSW	.3	.0	.1	.1								.6	5.4
W	1.2	.3	.2									1.6	3.5
WNW	2.9	2.0	1.9	.4								7.2	5.3
NW	6.5	5.7	10.3	1.6	.1							24.2	6.4
NNW	1.8	1.7	5.3	2.7	.3	.0						11.9	8.9
VARBL													
CALM												16.5	
	26.0	18.4	31.4	7.0	.7	.0						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 6768

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26216	FORT SIMPSON N.W.T. DOT	57-66	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	1.2	1.5	.7	.1							5.4	6.6
NNE	.3	.1	.2	.0								.5	5.2
NE	.2	.1										.3	3.0
ENE	.3	.1	.0									.4	3.1
E	1.4	.5	.6	.0	.0							2.6	4.3
ESE	1.7	1.8	3.4	.6	.1							7.6	6.7
SE	4.7	4.9	7.7	1.1	.0							18.4	6.3
SSE	1.0	1.0	2.2	.2								4.6	6.6
S	.8	.5	.6	.1								1.9	5.2
SSW	.2	.1	.0	.0								.3	4.3
SW	.4	.1	.1	.0								.6	3.9
WSW	.1	.2	.1	.1								.5	5.9
W	.6	.3	.1									1.0	3.6
WNW	2.4	1.8	2.8	.4								7.4	6.0
NW	5.8	6.7	10.1	1.6	.0							24.1	6.3
NNW	1.9	2.4	5.2	2.7	.3							12.6	8.2
VARBL													
CALM												11.9	
	23.6	21.7	34.7	7.5	.5							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | APR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.3	2.1	.9	.1							5.9	7.1
NNE	.3	.2	.4	.1	.0							1.0	6.6
NE	.0	.2	.2	.0								1.0	4.3
ENE	.4	.1	.1									.6	3.6
E	1.9	1.1	.7	.2								3.9	4.8
ESE	2.0	3.2	5.1	1.1	.1							11.5	7.0
SE	5.0	5.2	8.2	1.1	.0							19.5	6.2
SSE	1.2	1.5	3.1	.4	.0							6.2	6.8
S	.9	.4	.5									1.9	4.6
SSW	.2	.1	.3	.1	.0							.7	7.4
SW	.3	.2	.2	.0								.8	5.2
WSW	.2	.1	.1	.2								.6	6.9
W	.5	.2	.2	.1	.0							1.1	5.5
WNW	1.9	1.1	1.5	.3	.1							4.9	5.9
NW	3.8	4.5	7.9	2.6	.2	.0						19.2	7.3
NNW	1.2	1.7	6.2	3.8	.5	.1						13.4	9.3
VARBL													
CALM												7.8	
	22.0	21.2	36.8	11.0	1.1	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 7200

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

2621[illegible]	FT. SIMPSON NWT DOT	57-66	MAY
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.8	2.6	.9	.1							7.3	6.7
NNE	.7	.6	1.2	.4	.0							3.0	7.3
NE	1.0	.4	.5	.1								2.0	4.9
ENE	.9	.6	.3									1.8	4.1
E	2.7	1.5	1.1	.2	.0							5.6	4.7
ESE	2.7	3.1	5.7	1.5	.1							13.0	7.1
SE	4.9	4.5	7.3	1.1	.0							17.8	6.3
SSE	1.2	1.2	2.6	.3	.0							5.3	6.6
S	1.1	.8	.9	.1	.0							2.9	5.3
SSW	.6	.8	.9	.2								2.5	6.1
SW	.6	.7	1.0	.3								2.6	6.5
WSW	.3	.4	.6	.2	.0							1.5	7.2
W	.9	.3	.2	.1	.0							1.5	4.8
WNW	1.0	1.0	1.0	.3								3.3	5.7
NW	2.9	3.1	5.2	1.1	.0	.0						12.4	6.6
NNW	1.5	2.0	5.0	2.0	.3	.0						10.9	8.3
VARBL													
CALM												6.7	
	25.1	23.0	35.8	8.7	.6	.0						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 7393

1

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 STATION | FORT SIMPSON NWT OUT STATION NAME | 57-66 YEARS | JUL MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	2.2	3.2	1.0	.0							9.2	6.4
NNE	.5	.5	1.1	.6	.0							2.7	8.0
NE	.9	.4	.4	.1	.0							1.7	5.1
ENE	.7	.3	.2	.0	.0							1.3	4.5
E	2.5	1.1	.3	.1								4.0	3.8
ESE	2.7	2.3	4.0	.6	.0							9.6	6.2
SE	6.4	5.1	6.5	1.0								19.0	5.7
SSE	1.4	1.5	2.4	.3								5.7	6.2
S	1.9	1.3	1.1	.1								4.4	4.9
SSW	.6	.9	1.0	.1								2.7	6.0
SW	1.3	.7	.8	.1								2.9	4.9
WSW	.6	.4	.3	.1								1.4	5.0
W	1.1	.4	.2									1.6	3.6
WNW	1.2	.8	.9	.1								3.0	5.2
NW	3.1	3.1	4.2	.6	.0							10.9	6.0
NNW	.8	1.9	3.7	1.7	.0	.0						8.2	8.2
VARBL													
CALM												11.5	
	28.6	23.1	30.2	6.4	.2	.0						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 7200

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	2.1	2.5	.8	.0	.0						8.3	6.1
NNE	.7	.4	.7	.1								1.8	5.9
NE	1.4	.3	.3	.1	.0							2.0	4.0
ENE	.0	.2	.2	.1	.0							1.0	4.8
E	2.3	1.0	.6	.1								4.0	4.2
ESE	2.2	1.9	2.9	.6								7.6	6.2
SE	5.9	4.4	5.6	1.0	.0							17.0	5.7
SSE	1.5	1.5	1.8	.2								4.9	5.8
S	1.6	1.2	.9	.1	.0							3.8	4.9
SSW	1.0	.7	.6	.1		.0						2.4	5.4
SW	1.2	.8	.8	.1	.0							3.0	5.4
WSW	.5	.3	.6	.2	.0	.0						1.7	6.6
W	1.4	.4	.4	.1								2.3	4.1
WNW	1.5	.9	1.2	.2								3.8	5.5
NW	4.1	3.5	5.0	1.2	.1	.0						13.9	6.3
NNW	1.0	2.1	4.6	2.0	.4	.1						10.8	8.4
VARBL													
CALM												11.8	
	30.3	21.8	28.6	6.8	.6	.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 7440

1

0

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	1.4	2.2	.5	.1							6.6	6.1
NNE	.6	.5	.6	.1								1.7	5.9
NE	.7	.3	.2									1.2	3.9
ENE	.7	.1	.1	.0								1.0	3.5
E	2.7	.9	.6	.1								4.2	4.0
ESE	3.1	2.9	3.9	.5	.0							10.4	5.9
SE	6.1	4.8	5.5	.3								16.7	5.3
SSE	2.1	1.9	2.3	.2								6.4	5.7
S	2.5	1.1	.8	.1								4.5	4.2
SSW	.8	.7	.8	.1								2.3	5.9
SW	1.0	.6	.6	.2								2.4	5.3
WSW	.6	.3	.2	.1								1.2	4.8
W	1.4	.5	.4	.1								2.4	4.4
WNW	1.6	1.0	1.3	.5	.1							4.4	6.2
NW	3.4	3.1	4.5	1.4	.1							12.5	6.6
NNW	1.9	2.1	4.0	1.7	.3	.0						10.0	7.8
VARBL													
CALM												12.1	
	31.2	22.1	28.0	5.7	.5	.0						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 7440

1

1

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 DATA PROCESSING DIVISION
2 ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26216	FORT SIMPSON NWT DOT	57-66	SEP
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.1	1.9	.7	.0	.0						5.6	6.5
NNE	.7	.4	.4	.1	.0							1.6	5.2
NE	.7	.3	.2	.0								1.2	4.1
ENE	.6	.2	.1									.9	3.7
E	1.9	.7	.9	.2								3.7	4.9
ESE	1.8	1.7	3.9	.9	.0							8.4	7.1
SE	4.8	4.9	8.4	1.1	.0							19.3	6.4
SSE	1.8	2.0	3.5	.3	.0							7.6	6.3
S	1.8	.7	.5	.0								3.1	4.1
SSW	.7	.5	.2	.0								1.5	4.3
SW	.9	.5	.3	.0								1.7	4.4
WSW	.6	.4	.4	.1								1.5	5.6
W	1.6	.6	.3	.0								2.5	3.7
WNW	1.4	.7	.9	.1	.1	.0						3.2	5.7
NW	3.5	3.5	5.3	1.3	.3							13.9	6.7
NNW	1.5	2.2	5.4	2.3	.2	.0						11.6	8.4
VARBL													
CALM												12.8	
	26.2	20.4	32.6	7.1	.7	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 7200

1

1

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.4	1.6	.3	.0							4.8	5.9
NNE	.5	.2	.3	.1								1.1	5.2
NE	.8	.2	.1									1.1	3.2
ENE	.2	.1	.1									.4	4.0
E	1.2	.7	.6	.1	.0							2.6	4.7
ESE	1.7	1.6	3.2	1.0	.1							7.5	7.2
SE	5.2	5.5	10.6	1.8	.0							23.2	6.7
SSE	1.5	1.9	2.5	.4	.0							6.4	6.3
S	2.1	.6	.3	.0								3.0	3.6
SSW	.4	.1	.1	.0								.7	4.3
SW	.8	.3	.3	.0								1.4	4.4
WSW	.6	.3	.3	.1								1.4	5.3
W	2.9	.6	.3	.1								3.9	3.5
WNW	2.0	.9	1.2	.5	.0							4.6	5.7
NW	4.5	4.2	5.8	2.1	.3							17.0	6.8
NNW	1.3	2.0	5.0	2.2	.4	.0						10.9	8.6
VARBL													
CALM												10.0	
	27.4	20.8	32.3	8.7	.9	.0						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.9	2.1	1.0	.1							5.3	7.8
NNE	.2	.1	.1	.0								.4	4.3
NE	.5	.1	.0									.7	3.2
ENE	.2	.0	.0									.2	3.1
E	.9	.3	.2	.0								1.4	3.8
ESE	1.0	1.1	1.4	.1								3.6	5.7
SE	3.4	3.4	6.8	1.1	.0							14.7	6.6
SSE	2.1	1.7	2.7	.4								6.8	5.9
S	2.0	1.0	.7	.0								4.3	3.9
SSW	.7	.1	.0	.0								.9	3.2
SW	1.1	.1	.0									1.2	2.9
WSW	.8	.1	.0									.9	2.8
W	3.4	1.0	.2									4.6	3.3
WNW	2.0	1.8	1.7	.2	.0							6.4	5.2
NW	4.0	4.5	8.6	2.0	.1							19.8	6.8
NNW	1.3	2.2	6.4	2.8	.5	.0						13.2	8.8
VARBL													
CALM												15.8	
	26.5	18.4	30.9	7.6	.7	.0						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 7200

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | DEC MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.4	1.1	.6	.0							3.2	6.9
NNE	.2	.0	.1									.4	4.9
NE	.3	.0										.3	2.5
ENE	.3	.0										.3	2.6
E	.7	.2	.3	.0								1.2	4.4
ESE	1.6	1.2	1.8	.3								4.8	5.9
SE	5.0	3.7	5.1	.9	.0							14.7	5.8
SSE	1.8	1.5	2.5	.3								6.1	6.0
S	1.3	.4	.4	.0								2.1	4.0
SSW	.5	.1	.1	.0								.7	4.1
SW	.0	.1	.1	.0								.8	3.7
WSW	.4	.1	.1									.6	4.0
W	1.7	.3	.1	.0								2.0	2.9
WNW	3.7	1.6	2.2	.5	.0							8.0	5.3
NW	6.1	6.2	9.8	1.6	.3	.1	.0					24.1	6.6
NNW	1.9	1.5	3.7	1.9	.4							9.4	8.1
VARBL													
CALM												21.2	
	27.0	17.4	27.4	6.1	.8	.1	.0					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 7440

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.2	.9	.3								2.2	7.0
NNE	.1											.1	3.0
NE	.4											.4	2.3
ENE	.1											.1	2.0
E	1.2	.2	.1									1.5	3.6
ESE	1.7	.5	2.6	.1								4.9	5.8
SE	4.7	3.2	6.0	1.3								15.3	6.3
SSE	1.9	1.0	1.4	.2	.1							4.6	5.5
S	.8	.4	.4									1.6	4.3
SSW		.1										.1	6.0
SW	.4		.3									.8	5.3
WSW	.2											.2	3.0
W	2.2	.8	.1									3.0	3.4
WNW	2.2	2.4	3.0	.6	.1							8.3	6.3
NW	6.1	6.1	8.2	2.5	.3							23.2	6.7
NNW	3.1	1.4	4.8	1.4	.1	.1						11.0	7.4
VARBL													
CALM												22.7	
	25.9	16.3	27.8	6.5	.6	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26212	FORT SIMPSON NWT DOT	57-66	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.3	1.1	.3								2.8	6.2
NNE	.2	.1										.3	3.3
NE	.5											.5	2.4
ENE	.1											.1	1.0
E	.8	.1										.9	2.8
ESE	1.1	.8	1.1	.1								3.0	5.7
SE	4.3	4.5	5.1	1.2								15.1	6.0
SSE	1.4	1.0	1.2	.3								3.9	5.8
S	1.0	.5	.3									1.8	4.6
SSW	.1		.2	.1								.4	8.0
SW	.2		.3									.5	6.4
WSW	.3	.1										.4	3.5
W	2.3	.1										2.4	2.7
WNW	3.2	2.6	3.0	.6								9.5	5.7
NW	6.6	6.0	8.7	2.3	.5							24.1	6.8
NNW	1.6	1.5	5.1	1.3	.1	.4	.1					10.1	8.9
VARBL													
CALM												24.2	
	24.7	17.6	26.0	6.2	.6	.4	.1					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
FTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2021C	FT SMITH INT ARPT	57-66	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.3	.4	.1								2.3	4.3
NNE		.1										.1	5.0
NE	.3											.3	2.0
ENE	.1											.1	2.0
E	1.5		.1									1.5	3.1
ESE	2.6	.8	1.3	.2								4.3	5.2
SE	4.7	2.2	5.5	1.3								13.7	6.1
SSE	1.9	1.3	1.9									5.2	5.3
S	1.1	.3	.9									2.3	5.0
SSW	.2											.2	2.5
SW	.2	.1										.3	2.3
WSW	.4		.1									.5	3.6
W	2.3	.2	.1									2.6	3.0
WNW	2.3	1.8	3.1	.5	.1							7.6	6.4
NW	6.1	5.1	11.1	1.5	.1							23.8	6.5
NNW	2.5	1.6	5.8	1.9	.5	.5						12.9	8.1
VARBL													
CALM												22.3	
	26.8	13.8	30.3	5.6	.8	.5						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

ATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26215	FORT SIMPSON N.W.T. DOT	57-66	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.6	1.6	.4	.2	.1						4.1	8.0
NNE	.1											.1	1.0
NE	.3											.3	2.3
ENE	.1	.1										.2	4.0
E	1.1	.1										1.2	2.8
ESE	1.6	1.2	1.3	.3								4.4	5.9
SE	6.9	3.1	4.4	.4								14.8	5.3
SSE	1.6	1.0	2.7	.3								5.6	6.0
S	1.5		.5	.1								2.2	4.3
SSW	.1		.2									.3	6.7
SW													
WSW													
W	1.9	.1										2.0	2.7
WNW	2.9	1.3	3.0	.8								8.5	6.0
NW	7.4	6.1	8.6	2.4	.1							25.1	6.3
NNW	2.3	1.4	3.0	2.6	.8	.1						10.1	9.0
VARBL													
CALM												20.9	
	29.0	15.0	25.4	7.3	1.1	.2						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

76213	FORT STEPSON NAT GUT	57-66	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.5	2.2	.9								4.1	8.7
NNE	.2		.2									.4	5.8
NE													
ENE	.3											.3	2.3
E	.8	.3	.2									1.2	4.3
ESE	1.6	.4	2.4	.1								4.5	6.4
SE	3.9	5.3	5.3	.8								15.2	5.9
SSE	.8	1.1	2.6									4.4	6.4
S	1.5	.5	.9									2.9	4.3
SSW	.3	.1	.1									.5	4.6
SW	.3		.2	.1								.6	6.7
WSW	.4	.1		.1								.6	4.3
W	1.7	.4	.1									2.3	3.0
WNW	2.5	2.4	3.2	.9	.2							9.1	6.4
NW	8.4	6.6	9.1	2.3								26.3	6.2
NNW	1.3	1.4	4.2	2.5	.6							10.0	9.1
VARBL													
CALM												17.4	
	24.4	19.1	30.6	7.5	.9							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

1

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.8	.5	.4	.4	.1						3.0	8.9
NNE	.1		.2									.3	6.3
NE	.4	.1	.1									.6	3.5
ENE	.1											.1	2.0
E	.6	.3	.2									1.2	3.9
ESE	1.7	.2	1.5	.2								3.7	5.8
SE	5.5	2.6	6.9	.3								15.3	5.7
SSE	1.4	1.1	2.2									4.8	5.9
S	1.3	.1	.4	.1								1.9	4.4
SSW	.1		.2	.2								.5	8.8
SW	.5		.3									.9	5.4
WSW	.2	.1										.6	3.5
W	1.6	.2	.3									2.4	3.2
WNW	3.5	2.9	2.9	.8	.2							10.3	5.9
NW	9.5	6.2	8.0	2.0	.2							25.9	6.0
NNW	1.6	.9	3.5	3.1	.1							9.2	9.0
VARBL													
CALM												19.4	
	29.6	15.5	27.3	7.2	1.0	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

1

0

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.1	.6	.4	.2							1.9	8.9
NNE	.2		.1									.3	3.7
NE	.3											.3	1.7
ENE	.4	.1										.5	2.6
E	1.0		.3									1.3	4.0
ESE	1.9	1.0	1.5	.2								4.6	5.3
SE	2.9	2.8	6.0	1.3								13.0	6.7
SSE	2.4	.9	2.3	.1								5.6	5.4
S	.9	.2	.3									1.4	4.2
SSW	.5		.1	.1								.8	4.9
SW	.3	.1	.2	.1								.8	6.6
WSW	.3											.3	2.3
W	1.7	.1	.2									2.0	2.9
WNW	4.2	3.9	3.7	.4	.3							12.5	5.8
NW	7.7	5.9	8.6	1.3	.2							23.8	6.0
NNW	2.4	2.2	5.2	1.3	.1							11.1	7.5
VARBL													
CALM												19.6	
	27.7	17.2	29.1	5.3	.9							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT OUT (STATION NAME) 57-66 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.2	.3	.5								2.0	6.5
NNE													
NE	.6		.1									.8	3.4
ENE	.1											.1	3.0
E	1.5	.4	.1									2.0	3.2
ESE	1.0	.9	2.7	.1	.2							4.8	6.9
SE	4.7	2.9	5.3	1.4	.1							14.4	6.2
SSE	1.0	1.2	1.4	.1	.1							3.8	6.2
S	1.0	.1	.1									1.2	3.1
SSW	.2											.2	2.0
SW	.4	.2	.2	.2								1.1	6.1
WSW	.3											.3	2.3
W	1.0	.5	.1									2.5	3.1
WNW	3.5	3.0	3.8	1.0								11.3	6.0
NW	6.6	5.1	8.3	1.9								21.8	6.3
NNW	3.9	1.9	3.8	1.8	.1		.1					11.6	7.0
VARBL													
CALM												22.0	
	27.6	16.5	26.1	7.1	.5		.1					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
FTAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 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	1.1	.4	1.1	.2	.2							3.0	7.5
NNE	.2	.1										.4	3.7
NE	.2											.2	2.0
ENE	.1											.1	3.0
E	1.1	.5	.1									1.7	3.2
ESE	.8	1.5	2.7	.1								5.2	6.4
SE	6.0	4.5	7.7	.7	.1							19.0	6.0
SSE	1.3	1.3	2.4	.1								5.1	5.7
S	.7		.1									.8	3.0
SSW	.2	.1	.4									.7	5.8
SW	.1	.1		.1								.4	6.3
WSW	.5		.2									.7	4.3
W	1.4	.4	.2									2.0	3.5
WNW	3.1	2.1	2.5	.1								7.8	5.3
NW	5.8	5.0	9.8	2.0	.2							22.8	6.5
NNW	1.8	1.3	5.4	3.0	.1							11.6	8.4
VARBL													
CALM												18.6	
	24.5	17.3	32.6	6.4	.7							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 946

1 USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210	FORT SIMPSON NWT ODT	57-66	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.4	.6	.6								3.2	6.6
NNE	.4											.4	2.3
NE	.6											.6	2.8
ENE	.1											.1	3.0
E	.8	.7	.1									1.7	3.7
ESE	1.8	.9	2.2	.5								5.4	6.4
SE	6.1	4.1	6.1	.8	.1							17.4	5.7
SSE	1.5	1.3	2.5	.1								5.4	6.0
S	.9	.2	.2									1.4	3.8
SSW	.1	.1										.2	3.5
SW	.2	.1	.2	.2								.8	8.7
WSW	.2	.2	.1									.6	5.2
W	.8		.4									1.2	4.4
WNW	3.9	2.1	3.3	.9								10.3	5.8
NW	8.3	4.4	8.6	1.4								22.7	5.9
NNW	2.5	1.5	5.4	2.2	.2							11.9	7.9
VARBL													
CALM												16.7	
	29.8	16.2	29.9	7.1	.4							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | FEB MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.2	.7	.5	.5							2.6	9.2
NNE													
NE	.2											.2	2.5
ENE	.5		.1									.6	3.6
E	.9	.5	.1									1.5	3.7
ESE	2.2	2.0	3.0	.1								7.3	5.7
SE	5.4	4.3	3.7	.7	.1							14.2	5.5
SSE	1.4	1.1	3.4	.4								6.3	6.7
S	.4	.1	.2									.7	5.2
SSW	.4		.1									.5	4.0
SW	.5		.1	.1								.7	5.3
WSW	.2		.1	.2								.6	7.8
W	1.4	.5	.1									2.0	3.4
WNW	3.2	2.4	1.8	.6								7.9	5.5
NW	6.5	5.4	9.7	1.8								23.4	6.3
NNW	1.7	1.8	6.3	2.4	.4							12.4	8.2
VARBL													
CALM												19.0	
	25.7	18.2	29.4	6.7	.9							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | FEB MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.6	.7	.1								2.4	5.3
NNE	.1			.1								.2	9.0
NE	.5											.5	2.5
ENE	.2											.2	3.0
E	1.2	.2	.2									1.7	3.9
ESE	2.0	1.1	2.1	.6								5.8	6.2
SE	5.1	4.0	6.5	1.4								17.0	6.4
SSE	.9	.9	2.0	.5								4.4	6.7
S	.7	.5	.5									1.7	4.9
SSW	.1											.1	1.0
SW	.2		.2	.2								.7	8.2
WSW	.1		.1	.1								.4	8.3
W	1.3											1.3	2.1
WNW	2.5	1.7	1.4	.5								6.0	5.3
NW	6.4	5.7	13.8	1.9								27.8	6.6
NNW	1.9	2.2	4.5	3.2	.2							12.1	8.3
VARBL													
CALM												17.8	
	24.2	16.9	32.2	8.6	.2							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 846

1

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (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	1.1	.5	2.4	.4								4.3	7.1
NNE	.1											.1	1.0
NE													
ENE	.1	.1										.2	3.5
E	1.5	.6	.2									2.4	3.8
ESE	2.4	1.8	2.5	.7								7.3	6.1
SE	6.1	3.0	6.9	.7	.2							16.9	6.0
SSE	2.4	1.3	2.0	.6								6.3	6.0
S	1.3	.6	.1									2.0	3.6
SSW	.8	.2										1.1	3.0
SW	.2	.1	.2									.6	4.6
WSW	.2	.1	.4									.7	6.0
W	.9	.2										1.2	2.9
WNW	1.6	2.1	1.1	.6								5.6	5.7
NW	6.1	6.4	10.6	1.3	.1							24.6	6.4
NNW	1.3	1.9	6.1	3.8	.6							13.7	9.2
VARBL													
CALM												13.1	
	26.5	18.9	32.5	8.0	.9							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DUT (STATION NAME) 57-66 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	.4	2.4	.4								5.2	6.1
NNE	.4			.2								.6	6.2
NE	.2		.1									.4	4.7
ENE	.1											.1	2.0
E	1.8	.6	.5	.1								3.0	4.1
ESE	2.2	1.5	3.3	.5								7.6	6.1
SE	5.2	4.1	6.3	.5	.4							16.4	5.9
SSE	2.0	1.1	2.6	.4								6.0	6.4
S	1.2	1.2	.1									2.5	4.0
SSW	.1											.1	2.0
SW	.1	.4	.1									.6	4.8
WSW	.1			.1								.2	7.5
W	1.1	.2	.2									1.5	3.8
WNW	3.2	1.7	1.5	.1								6.5	4.7
NW	7.2	5.4	9.2	1.5								23.4	6.2
NNW	2.2	1.9	5.4	3.4	.5							13.5	8.7
VARBL													
CALM												12.4	
	29.3	18.4	31.8	7.2	.8							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210	FORT SIMPSON NWT DOT	57-66	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

1600-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.4	1.1	.7	.4							3.2	8.4
NNE	.2											.2	2.0
NE													
ENE	.1											.1	3.0
E	1.4	.1	.1									1.7	2.9
ESE	1.5	3.1	4.6	.6								9.8	6.6
SE	6.0	3.9	6.3	.9	.1							17.3	5.7
SSE	1.3	1.1	1.8		.1							4.3	5.3
S	.6	.2	.5									1.3	5.3
SSW	.6	.2										.9	3.0
SW	.2	.4	.2									.8	5.3
WSW	.5		.1									.6	3.8
W	1.7	.2	.1									2.0	3.1
WNW	2.7	1.9	1.8	.2								6.6	5.1
NW	7.0	6.7	10.0	1.1	.2							25.1	6.1
NNW	1.7	2.0	4.3	1.9	.2	.1						10.2	8.2
VARBL													
CALM												16.1	
	26.2	20.2	30.9	5.4	1.1	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 846

1

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26217 STATION | FORT SIMPSON NWT DIST STATION NAME | 57-66 YEARS | FEB MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.7	1.1	.8	.1							3.2	5.4
NNE	.1											.1	2.0
NE	.2	.1										.4	3.0
ENE													
E	.7	.5	.2									1.4	4.4
ESE	2.2	1.5	3.2	.1								7.1	5.9
SE	5.4	4.6	6.9	.9								17.8	5.9
SSE	1.5	2.2	1.9	.5								6.1	6.1
S	.7	.5	.2									1.4	4.4
SSW													
SW	.6	.2	.4									1.2	4.6
WSW	.6		.1									.7	3.2
W	.7	.5	.5									1.7	4.6
WNW	2.7	2.2	1.7	.2								6.9	4.9
NW	4.5	6.7	10.4	1.7	.4							23.6	6.9
NNW	1.2	1.3	5.2	1.9	.4							9.9	8.7
VARBL													
CALM												18.4	
	21.7	21.2	31.7	6.1	.8							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 846

1

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26216	FORT SIMPSON N.T. CAN	57-66	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	1.0	1.1	.6	.2							5.2	6.5
NNE	.2											.2	2.0
NE	.3											.3	2.7
ENE	.1	.1										.2	3.5
E	1.7	1.1	.8									3.5	4.4
ESE	1.7	1.7	3.8	.8								8.0	6.9
SE	6.3	5.4	7.7	1.0								20.4	5.9
SSE	1.6	1.1	1.6									4.3	5.1
S	.6		.3									1.0	4.4
SSW	.1											.1	3.0
SW	.3	.2										.5	3.8
WSW		.3	.1									.6	5.2
W	.8	.1	.1									1.0	3.2
WNW	2.3	1.1	3.9	1.1								8.3	6.9
NW	4.3	6.2	9.4	1.7								21.6	6.5
NNW	1.4	2.4	4.1	1.4	.3							9.6	7.8
VARBL													
CALM												14.9	
	24.2	20.9	32.8	6.7	.5							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

1

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26212 — STATION
POINT BARROW NAT PUT — STATION NAME
57-66 — YEARS
MAR — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.8	1.2	1.3								4.7	7.5
NNE	.3	.1		.2								.6	7.0
NE	.1											.1	3.0
ENE	.4											.4	2.5
E	.9	.5	.3									1.7	4.2
ESE	2.0	2.7	2.7	.3								7.7	5.7
SE	4.7	5.2	8.5	.5								18.9	6.1
SSE	1.5	1.5	2.5	.1								5.6	6.1
S	1.0	.2	.3									1.5	3.9
SSW	.2											.2	2.5
SW	.3											.3	2.0
WSW	.1											.1	2.0
W	.9	.4	.2									1.5	3.9
WNW	3.0	2.4	3.5	.5								9.5	6.0
NW	5.4	6.0	10.5	1.6								23.5	6.5
NNW	1.4	1.5	3.9	1.7	.2							8.6	8.3
VARBL													
CALM												14.9	
	23.7	21.3	33.5	6.3	.2							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

1

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.1	1.2	.2								3.8	5.7
NNE	.1											.1	2.0
NE	.1	.1										.2	3.0
ENE	.2											.2	3.0
E	1.2	.2	.1									1.5	2.9
ESE	2.3	1.5	2.6	.3								6.7	5.9
SE	6.1	6.2	7.1	1.1								20.5	5.7
SSE	1.2	1.1	1.8	.1								4.2	6.2
S	.6	.2	.4									1.3	4.8
SSW		.1										.1	6.0
SW	.2											.2	2.5
WSW													
W	.5	.5										1.1	3.3
WNW	2.3	1.5	3.5	.5								8.1	6.2
NW	6.3	7.4	10.0	1.9								27.3	6.0
NNW	1.3	1.3	4.6	2.9	.1							10.4	8.8
VARBL													
CALM												14.3	
	25.0	21.5	31.4	7.1	.1							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210 (STATION) FORT STEPSON NWT DOT (STATION NAME) 57-66 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.6	.8	.6								3.1	6.6
NNE	.1	.1	.2									.4	6.5
NE	.1	.1										.2	3.5
ENE	.2											.2	2.0
E	1.3	.3	.9									2.5	4.9
ESE	2.0	1.7	2.4	.6								6.8	6.1
SE	5.3	4.4	7.3	1.1								18.1	6.1
SSE	.8	.9	3.9	.4								5.9	7.7
S	.8	.3	.1	.1								1.3	4.0
SSW	.3											.3	2.0
SW	.1		.1									.2	5.5
WSW	.2		.1									.3	3.7
W	.2	.2	.1									.5	4.2
WNW	2.0	1.2	2.0	.2								5.5	5.5
NW	7.0	7.0	13.7	1.8								29.5	6.6
NNW	1.2	2.7	5.6	4.1	.4							14.0	8.9
VARBL													
CALM												11.2	
	22.7	19.6	37.1	9.0	.4							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (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	2.0	1.8	2.2	1.1	.1							7.2	6.8
NNE	.2		.1									.3	3.7
NE	.4											.4	2.8
ENE	.3	.1										.4	2.5
E	3.0	.9	.6		.1							4.6	4.1
ESE	1.9	2.6	3.5	.6								8.7	6.5
SE	3.9	3.9	6.3	.9								14.9	6.6
SSE	.9	1.2	4.0	.3								6.3	7.6
S	1.3	.2	.5	.3								2.4	5.5
SSW	.2	.1										.3	3.0
SW	.3											.3	2.3
WSW		.1	.3									.4	8.3
W	.1	.2	.1									.4	4.5
WNW	1.1	1.6	2.6	.3								5.6	6.4
NW	5.6	7.2	10.5	1.7								25.1	6.5
NNW	2.3	2.2	5.5	4.5	.5							14.9	8.8
VARBL													
CALM												7.5	
	23.5	22.0	36.3	9.8	.8							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
FTAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26213 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	2.0	2.7	1.0	.2							8.5	6.3
NNE	.3	.1	.4									.9	5.4
NE	.2	.2										.4	3.5
ENE	.3											.3	3.0
E	1.5	.4	.5									2.5	4.1
ESE	1.6	1.6	3.8	.4								7.4	6.6
SE	3.3	3.5	8.2	1.4	.1							16.6	7.1
SSE	.8	1.2	2.4	.4								4.7	7.1
S	1.1	.9	1.1	.2								3.2	6.0
SSW	.3	.6	.2	.1								1.3	5.8
SW	.5	.1	.2	.1								1.0	5.0
WSW	.2	.3		.1								.6	4.8
W	.3	.2										.5	3.4
WNW	1.3	1.8	1.4	.1								4.6	5.3
NW	5.0	7.8	9.4	1.5								24.3	6.2
NNW	1.9	3.0	7.7	3.5	.4							16.7	8.4
VARBL													
CALM												6.5	
	21.9	24.0	38.0	8.9	.8							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	1.4	1.8	.5	.2							6.6	6.1
NNE	.8	.1	.4									1.3	4.3
NE	.3											.3	2.7
ENE	.8	.1										.9	2.9
E	1.0	.2	.8	.1								2.0	5.4
ESE	1.0	1.2	4.3	.6	.3							7.4	7.9
SE	3.1	5.9	7.2	1.5								17.7	6.7
SSE	.5	1.0	.9	.3								2.7	6.2
S	.6	1.3	1.2									3.1	5.7
SSW	.3	.1										.4	3.0
SW	.6	.4	.3									1.4	4.5
WSW	.1	.3	.1	.3								.9	7.9
W	1.1	.1	.1									1.3	3.0
WNW	2.7	3.2	1.9	.2								8.1	5.2
NW	5.5	5.7	8.7	.9								20.8	6.0
NNW	3.5	3.9	6.2	1.4								15.1	6.7
VARBL													
CALM												10.1	
	24.5	24.9	34.0	5.9	.5							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.9	1.4	.3	.2							4.1	6.7
NNE	.1	.1	.1	.1								.4	7.3
NE	.1	.1										.2	4.0
ENE	.2	.1	.1									.4	5.0
E	1.0	.5	.5									2.0	4.6
ESE	1.4	1.6	4.1	1.0	.2							8.3	7.6
SE	4.5	4.6	9.6	1.2	.1							20.0	6.8
SSE	1.1	.5	1.0	.2								2.8	5.6
S	.5	.5	.8									1.8	5.4
SSW													
SW	.4	.1										.5	2.2
WSW	.1	.5	.2									.9	5.4
W	1.3	.2	.2									1.7	3.7
WNW	3.8	1.5	3.8	.5								9.6	5.8
NW	4.7	6.1	8.4	1.3	.1							20.6	6.2
NNW	2.5	2.3	4.3	1.8	.3							11.2	7.5
VARBL													
CALM												15.4	
	23.0	19.8	34.4	6.5	1.0							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210	FORT SIMPSON NWT DOT	57-66	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.8	1.3	.8	.4							4.2	7.7
NNE	.2	.2	.1									.6	4.6
NE	1.1	.1	.1									1.3	3.2
ENE	.6	.2										.8	3.7
E	1.2	1.2	1.1									3.6	4.9
ESE	2.2	3.7	7.4	.9								14.2	6.8
SE	6.2	4.4	10.7	1.0								22.3	6.1
SSE	1.0	1.3	1.4	.1								3.9	5.8
S	.6	.1	.2									.9	3.8
SSW													
SW	.3	.2	.1									.7	4.7
WSW	.2	.2										.4	4.0
W	.9	.2										1.1	3.0
WNW	2.2	1.4	2.2	.1								6.0	5.3
NW	5.1	4.7	7.4	2.3	.2							19.8	6.8
NNW	1.9	1.1	4.1	2.2	.4	.1						9.9	8.6
VARBL													
CALM												10.3	
	24.9	20.0	36.3	7.4	.9	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210	FORT SIMPSON NWT UDT	57-66	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	.3	1.3	.3								3.8	6.0
NNE	.4		.1									.6	3.6
NE	.4											.4	1.8
ENE	.4		.1									.6	3.8
E	1.7	.4	.6	.4								3.1	5.4
ESE	1.9	3.9	6.3	.7								12.8	6.8
SE	6.2	5.9	7.3	.7								20.1	5.7
SSE	1.1	1.9	3.1	.1								6.2	6.2
S	.7	.2	.1									1.0	4.0
SSW			.1									.1	7.0
SW	.1	.1	.2	.1								.6	6.6
WSW	.2	.1										.3	3.7
W	.7	.1	.2									1.0	4.1
WNW	4.2	1.9	1.6	.4								8.1	4.7
NW	4.0	4.6	9.1	3.3	.4							21.4	7.6
NNW	.9	1.0	3.8	2.3	.8	.1						8.9	9.8
VARBL													
CALM												11.0	
	24.8	20.4	34.0	8.4	1.2	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.7	.4	.4								2.1	6.8
NNE	.1	.1	.1	.1								.4	7.0
NE	.1		.1									.2	4.5
ENE	.6	.1										.7	2.5
E	1.3	.8	.4	.3								2.9	5.1
ESE	1.8	2.7	4.0	.9	.1							9.4	6.8
SE	5.7	6.7	11.3	.4								24.1	6.1
SSE	1.2	1.6	3.2	.1								6.1	6.4
S	.9	.2	.1									1.2	3.3
SSW	.2	.1										.3	3.3
SW			.1									.1	7.0
WSW	.1	.1	.2	.2								.7	8.3
W	.6	.3	.3									1.2	4.5
WNW	1.3	2.4	2.3	.6								6.7	6.2
NW	4.0	4.8	8.3	4.6	.6							22.2	7.9
NNW	.7	1.0	6.4	3.9	.6							12.6	10.1
VARBL													
CALM												9.0	
	19.1	21.6	37.6	11.6	1.2							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.6	1.9	.8								4.1	7.6
NNE	.2		.2									.4	6.3
NE	.4											.4	2.5
ENE	.3		.1									.4	3.8
E	2.3	1.4	.6	.1								4.4	4.5
ESE	2.1	3.1	4.0	.6	.1							9.9	6.5
SE	3.7	7.0	6.6	1.6								20.8	6.0
SSE	.8	1.6	3.9	.8								7.0	8.0
S	.4	.6	.6									1.6	5.6
SSW	.2		.6		.1							.9	8.4
SW	.3	.1	.2									.7	4.3
WSW		.1		.6								.7	12.2
W	.1	.2	.2	.1	.1							.8	9.0
WNW	.6	.3	1.2	.3	.3							2.8	8.5
NW	4.8	4.1	11.1	4.0	.2							24.2	7.9
NNW	.6	1.8	5.6	5.2	.4	.1						13.7	10.1
VARBL													
CALM												7.2	
	19.8	20.9	36.7	14.0	1.3	.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	.6	3.3	1.4	.1							7.1	7.9
NNE	.3		.2	.1								.7	6.5
NE	.7	.2	.1									1.0	4.0
ENE	.6	.2										.8	3.0
E	3.8	1.7	.8	.2								6.4	4.2
ESE	1.4	2.0	2.7	.7	.1							7.4	6.8
SE	4.4	4.1	7.9	1.4	.1							18.0	6.7
SSE	.4	1.7	4.4	1.0	.1							7.7	8.2
S	.6	.7	1.0									2.2	5.8
SSW		.1	1.0	.4	.1							1.7	10.2
SW	.6	.4	.3	.2								1.6	5.6
WSW	.2	.1	.2	.1								.7	6.3
W	.3		.2	.6								1.1	9.4
WNW	.6	.3	1.1	.3	.2							2.6	8.4
NW	2.3	5.1	9.3	3.0								19.8	7.6
NNW	1.1	1.7	7.9	5.4	.4	.2						16.8	9.8
VARBL													
CALM												4.6	
	19.3	19.4	40.6	15.0	1.2	.2						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 900

1

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210	FORT SIMPSON NWT DOT	57-66	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	2.3	3.3	1.4	.3							9.6	7.4
NNE		.1	.9	.2								1.2	8.6
NE	.7	.6	.4									1.7	4.8
ENE	.4		.1									.6	3.6
E	1.9	1.0	.8	.1								3.8	4.7
ESE	1.3	3.0	4.7	1.1								10.1	7.6
SE	2.7	4.0	6.8	1.9								15.3	7.1
SSE	.9	1.7	4.0	.8								7.3	7.6
S	1.0	1.0	1.0									3.0	5.3
SSW	.4	.6	.8	.1								1.9	6.7
SW	.6	.2	.4									1.2	5.0
WSW	.1	.2	.1	.4								.9	8.6
W	.1	.1	.3	.3								.9	9.1
WNW	.6	.2	.8	.4	.2							2.2	9.0
NW	2.9	4.1	7.8	1.6	.1	.1						16.6	7.0
NNW	1.1	2.7	9.0	5.4	.7							18.9	9.4
VARBL													
CALM												4.7	
	17.0	21.8	41.2	13.9	1.3	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26216 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	3.4	2.8	1.0	.1							9.6	6.4
NNE	.4	.6	1.3	.3	.1							2.5	7.6
NE	.9	.1	.7	.1								1.8	5.4
ENE	.1		.1									.2	5.0
E	1.4	1.0	.8									3.2	4.7
ESE	2.1	3.0	5.2	2.7	.1							13.1	7.8
SE	4.4	5.3	6.0	.7					9			16.4	5.9
SSE	1.9	1.6	3.3	.3								7.1	6.1
S	1.7	.7	.6									2.9	4.2
SSW	.4	.1										.6	3.4
SW	.6	.6	.2									1.3	4.9
WSW	.1	.1										.2	3.5
W	1.0	.2	.2									1.4	3.7
WNW	1.6	.8	1.0		.2							3.6	5.6
NW	3.0	3.2	6.0	.8	.1							13.1	6.5
NNW	1.8	2.4	8.4	3.2								15.9	8.2
VARBL													
CALM												6.8	
	23.7	23.1	36.7	9.1	.7							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26219 (STATION) FORT SIMPSON NWT (STATION NAME) 57-66 (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	2.4	1.4	2.1	.8	.1							6.8	6.5
NNE	.8	.2	.6									1.6	4.9
NE	.8	.3	.1	.2								1.4	5.1
ENE	.1	.3										.4	4.5
E	1.6	1.4	1.0	.1								4.1	5.0
ESE	3.0	3.6	6.8	1.6								14.0	6.8
SE	4.7	4.2	8.7	1.3								18.9	6.6
SSE	2.2	1.1	1.1	.1								4.6	4.9
S	1.1	.1	.2									1.4	3.5
SSW	.1		.2									.3	5.7
SW		.2	.1									.3	6.0
WSW	0	.1										.1	3.0
W	.7	.3	.1									1.1	3.7
WNW	4.1	1.4	1.7	.1								7.3	4.5
NW	4.6	5.8	4.3	1.4	.1							16.2	6.1
NNW	1.3	1.8	4.2	2.9	.3							10.6	8.7
VARBL													
CALM												9.2	
	28.8	22.4	31.2	8.6	.6							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.7	1.2	.2								4.7	5.6
NNE	1.0	.5	.3									1.8	4.2
NE	.8	.7	.5									2.0	5.2
ENE	1.0	.5	.3									1.8	4.4
E	2.6	2.2	1.6	.3	.1							6.8	5.3
ESE	3.5	2.6	8.9	1.5								16.5	7.2
SE	5.6	5.3	6.6	1.0	.1							18.7	5.9
SSE	2.0	1.1	1.4	.1								4.6	5.2
S	1.9	.4	.2									2.0	3.8
SSW	.1	.5	.5	.1								1.3	6.5
SW	.5	.8	.3									1.6	4.6
WSW	.3	.7	.2									1.2	4.9
W	1.0	.5										1.5	3.3
WNW	1.5	1.5	1.2	.3								4.6	5.4
NW	3.5	3.5	2.9	1.2								11.1	5.9
NNW	2.2	1.3	4.0	1.3	.5							9.3	7.8
VARBL													
CALM												10.5	
	28.3	23.9	30.4	6.1	.8							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 921

1

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.5	1.2	.2								3.4	5.2
NNE	.4	.3	.2									1.0	4.9
NE	.7	.3	.2									1.2	4.4
ENE	1.0	.4										1.4	3.2
E	2.0	1.6	1.1									4.7	4.7
ESE	2.2	5.9	6.9	2.1								17.0	6.9
SE	5.4	6.3	7.4	1.2								20.3	5.9
SSE	.9	1.0	2.4	.1								4.3	6.6
S	.9		.1									1.0	3.1
SSW	.7	.2	.3									1.2	4.9
SW	.9	.2	.2									1.3	3.8
WSW	.1	.4										.5	4.8
W	1.3	.1										1.4	2.8
WNW	2.0	1.0	1.5	.2								4.7	5.2
NW	5.4	4.1	4.8	.9								15.2	5.7
NNW	1.5	1.2	5.4	1.5	.5							10.2	8.5
VARBL													
CALM												11.3	
	20.0	23.6	31.8	6.2	.5							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 922

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26216 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	1.4	1.7	.8								6.0	6.1
NNE	.4	.1	.5									1.1	6.0
NE	.6	.2										.9	3.0
ENE	.3	.3	.1									.8	4.4
E	3.0	1.2	.8	.2								5.2	4.5
ESE	2.4	4.4	6.4	1.5								14.7	7.1
SE	5.0	6.3	8.4	.9								20.5	6.1
SSE	1.1	1.0	3.1	.4								5.6	7.1
S	.6	.2	.5									1.4	4.7
SSW	.3	.3	.1	.2								1.0	6.2
SW	.4	.6	.8									1.8	5.7
WSW		.1	.4	.3								.9	9.6
W	.9		.1									1.0	3.3
WNW	.5	1.4	.9	.2								3.0	5.9
NW	2.9	4.0	6.1	1.0								14.0	6.6
NNW	2.1	2.7	6.3	2.3	.3							13.6	8.0
VARBL													
CALM												8.5	
	22.7	24.4	36.3	7.8	.3							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 924

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.5	3.2	1.6								9.5	7.0
NNE	.4	.2	1.0	.3								1.9	7.7
NE	.5	.3	.1	.1								1.1	4.9
ENE	1.2	.6										1.8	3.4
E	4.1	1.5	1.5									7.1	4.5
ESE	3.1	3.1	5.2	1.1								12.5	6.6
SE	4.5	3.5	9.4	1.2								18.6	6.8
SSE	.9	1.5	2.4	.6	.1							5.5	7.5
S	1.2	1.4	.9		.1							3.6	5.5
SSW	.6	.8	.6	.2								2.3	6.1
SW	.3	.1	1.2	.2								1.8	8.1
WSW	.3	.2	.6	.2	.1							1.5	8.4
W	.3	.3		.1								.8	5.0
WNW	.4	.5	.9	.3								1.9	7.4
NW	2.7	3.0	8.1	1.3								15.1	7.2
NNW	1.2	1.8	5.6	2.5	.6							11.8	8.9
VARBL													
CALM												3.1	
	23.9	21.5	40.7	9.8	1.0							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 926

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | MAY MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.0	3.5	2.3	.1							9.5	7.8
NNE	.7	.7	1.5	.9	.1							3.8	8.4
NE	.7	.7	.3									1.6	4.9
ENE	1.1	.9	.2									2.2	4.0
E	3.9	1.8	1.1	.2								7.0	4.4
ESE	2.5	1.3	4.4	1.3								9.5	7.3
SE	3.6	4.3	6.3	1.8								16.0	6.8
SSE	.8	1.2	3.6	.7								6.2	7.5
S	1.1	1.2	2.2	.1								4.6	6.2
SSW	.3	1.6	1.6	.7								4.2	7.5
SW	.2	1.0	1.4	.3								2.9	7.5
WSW		.5	.8	.4								1.7	8.3
W	.8	.3	.4	.2	.1							1.8	6.6
WNW	.2	.9	1.2	.5								2.8	7.7
NW	1.6	2.4	6.4	1.4	.1	.1						12.0	7.8
NNW	.4	2.7	5.5	3.5	.1	.1						12.4	9.2
VARBL													
CALM												1.6	
	19.5	23.4	40.4	14.3	.5	.2						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 923

1

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26216 STATION | FORT SIMPSON NWT OUT STATION NAME | 57-66 YEARS | MAY MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	2.2	5.1	1.5	.1							10.7	7.7
NNE	.9	.8	2.4	.5								4.5	7.5
NE	1.3	.1	1.0	.2								2.6	5.8
ENE	1.1	.6	.3									2.0	3.8
E	2.4	1.8	1.3	.1								5.6	4.8
ESE	3.0	1.4	4.1	1.4	.2							10.1	7.2
SE	3.7	2.5	5.6	1.0								12.7	6.7
SSE	.4	1.4	3.3	.5	.1							5.8	7.7
S	.6	.9	1.7	.4								3.7	7.2
SSW	.5	.8	2.3	.2								3.8	7.1
SW	.4	1.2	1.6	.9								4.1	7.6
WSW	.4	.5	.9	.6	.1							2.6	8.2
W	.9	.4	.4	.4								2.2	6.6
WNW	.5	1.2	.6	.2								2.6	5.6
NW	1.8	2.8	6.3	1.3								12.4	7.5
NNW	1.8	2.2	5.5	2.6	.1							12.2	8.3
VARBL													
CALM												2.4	
	21.7	20.7	42.6	12.0	.6							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 927

1

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.8	3.6	.3	.1							7.8	6.4
NNE	.5	1.1	3.1	1.2								5.9	8.4
NE	1.4	.9	.9	.1								3.2	5.0
ENE	.8	.4	.6									1.8	5.3
E	1.5	.6	.9	.2								3.2	5.2
ESE	2.3	2.8	5.2	1.6	.3							12.2	7.5
SE	5.8	3.6	6.5	.8								16.6	5.9
SSE	1.2	1.0	2.8									5.0	6.0
S	1.1	1.3	1.0	.1								3.5	5.4
SSW	1.5	1.6	1.0									4.1	4.9
SW	.9	1.1	1.5	.5								4.0	6.8
WSW	.3		1.2	.1								1.6	6.9
W	1.0	.5	.2	.3								2.0	5.3
WNW	1.2	1.0	.9	.1								3.1	5.1
NW	2.6	2.5	3.2	.5	.1							9.0	6.0
NNW	1.5	2.6	4.7	1.8	.3							11.0	7.8
VARBL													
CALM												5.9	
	25.5	22.8	37.2	7.8	.9							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 927

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210	FORT SIMPSON NWT DOT	57-66	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	2.3	1.2	.3	.1							6.8	5.2
NNE	1.1	1.2	.9	.4	.1							3.7	6.6
NE	2.0	.4	.7	.1								3.1	4.4
ENE	1.1	.8	.4									2.3	4.5
E	2.3	1.4	.8	.4								4.9	5.0
ESE	2.6	3.3	4.6	1.2								11.6	6.7
SE	5.7	4.6	8.0	1.0								19.3	6.2
SSE	2.6	1.3	1.7	.1								5.7	5.0
S	2.4	.7	.3									3.4	3.5
SSW	1.0	.9	.3									2.2	4.3
SW	1.2	.8	.8	.2								2.9	5.3
WSW	.7	.5	.5									1.7	5.0
W	1.1	.3	.2									1.6	3.5
WNW	2.0	.7	.7	.1								3.4	4.4
NW	3.0	2.8	3.4	1.0	.1							10.3	6.1
NNW	1.1	1.6	2.9	.9	.1							6.6	7.5
VARBL													
CALM												10.5	
	32.6	23.4	27.3	5.7	.4							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 923

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JUN MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	1.3	1.1	.4								4.7	5.7
NNE	.6	.3	.3									1.2	4.5
NE	1.3	.2	.2									1.8	3.4
ENE	.3	.1										.4	3.3
E	2.7	1.2	.3									4.2	3.6
ESE	2.6	3.2	3.7	.6								10.0	6.0
SE	6.6	5.4	7.3	2.0								21.3	6.2
SSE	2.0	.8	1.2									4.0	4.9
S	2.1	1.2	.1									3.4	3.7
SSW	.4	.3	.7									1.4	5.6
SW	1.2	.3										1.6	3.0
WSW	1.0	.1	.2									1.3	3.3
W	2.1	.2										2.3	2.7
WNW	3.2	.9	.4									4.6	3.6
NW	4.3	3.6	4.0	.4	.1							12.4	5.6
NNW	.7	1.8	4.0	1.3	.1							7.9	7.8
VARBL													
CALM												17.3	
	32.9	21.1	23.7	4.8	.2							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2

26210	FORT SIMPSON NWT DOT	57-66	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.0	2.1	.9								5.9	6.5
NNE	.4		.1									.6	4.0
NE	.7	.2	.1									1.0	3.4
ENE	.6	.1										.7	3.0
E	2.2	.9	.2	.1								3.4	3.8
ESE	3.9	2.7	6.3	.2								13.1	5.9
SE	7.1	6.1	7.4	1.1								21.8	5.7
SSE	1.3	2.0	1.1									4.4	5.1
S	2.1	.4	.6									3.1	3.9
SSW	.1	.1	.3									.6	6.0
SW	1.6		.1									1.7	2.7
WSW	1.0											1.0	2.6
W	.4											.4	2.0
WNW	1.6	.7	1.1	.1								3.7	4.8
NW	4.8	3.9	5.0	.6								14.2	5.5
NNW	.3	1.8	3.9	1.1		.1						7.2	8.4
VARBL													
CALM												17.2	
	30.2	19.9	28.4	4.1		.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 900

1

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	2.1	3.1	.4								8.2	6.1
NNE	.4	.3	.3									1.1	4.9
NE	.3	.1	.1	.1								.7	5.8
ENE	.9	.1	.1									1.1	3.2
E	2.3	.9	.1	.3								3.7	4.4
ESE	2.7	2.7	5.2	.1								10.7	6.1
SE	8.3	8.2	7.2	.7								24.4	5.3
SSE	1.1	2.0	1.4	.2								4.8	5.7
S	1.4	.7	1.1	.1								3.3	5.3
SSW	.6	.7	.8	.1								2.1	6.0
SW	.6	.4	.9									1.9	5.8
WSW		.3										.3	5.0
W	.2	.1	.1									.4	4.3
WNW	.6	.8	1.0									2.3	5.7
NW	2.6	4.4	5.9	.3								13.2	6.3
NNW	.8	3.0	4.1	1.8								9.7	7.7
VARBL													
CALM												12.0	
	25.3	26.9	31.6	4.2								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900

1

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210	FORT SIMPSON NWT OUT	57-66	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	2.9	3.7	1.1	.2							11.2	6.4
NNE	.8	.6	.8	.9	.2							3.2	8.6
NE	1.4	.3	.2	.1								2.1	4.1
ENE	.9	.3	.2									1.4	3.8
E	3.1	1.6	.1									4.8	3.5
ESE	3.7	2.8	4.2	.3								11.0	5.9
SE	4.4	5.0	9.7	.7								19.8	6.2
SSE	1.2	.9	3.6	.4								6.1	7.0
S	1.4	1.2	.8									3.4	5.0
SSW	.6	1.0	.4	.3								2.3	6.4
SW	.6	1.0	1.0									2.6	5.7
WSW	.2	.2	.3	.4								1.2	7.9
W	.3	.4	.1									.8	4.3
WNW	.4	.9	.9	.1								2.3	6.5
NW	2.1	2.8	6.3	.8								12.0	6.9
NNW	1.3	2.0	4.2	1.9	.1							9.6	8.1
VARBL													
CALM												6.0	
	25.9	23.9	36.6	7.1	.6							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 900

1

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26216 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JUN MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.3	3.6	4.1	1.7	.1							13.8	5.3
NNE	.7	.8	1.9	.9	.1							4.3	8.7
NE	1.2	.8	.3									2.3	3.9
ENE	1.0	.1	.2		.1							1.4	4.7
E	3.1	1.4	.6	.1								5.2	4.1
ESE	2.8	2.7	3.4	.8								9.7	6.3
SE	5.0	3.9	7.8	1.0								17.7	6.2
SSE	.7	2.1	3.6	1.0								7.3	7.5
S	1.7	1.6	1.9	.4								5.6	6.1
SSW	.7	1.2	1.8	.3								4.0	6.5
SW	1.0	.9	1.0	.4								3.3	6.3
WSW	.3	.3	.8									1.4	6.2
W	1.0	.5	.2									2.0	4.4
WNW	.6	.9	.4	.2								2.1	5.4
NW	1.0	1.7	4.1	.4								7.2	7.2
NNW	.5	.9	4.8	3.2								9.2	9.8
VARBL													
CALM												3.3	
	25.3	23.0	36.9	10.5	.3							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

1

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26215	FORT STEPHENSON NWT DUT	57-66	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	1.9	4.6	2.0								11.6	6.9
NNE	.8	.7	2.1	1.1								4.7	8.3
NE	.2	.4	.6	.3								1.6	7.4
ENE	.6	.7	.9									2.1	6.0
E	3.0	1.0	.4	.1								4.6	3.7
ESE	3.0	1.6	2.8	1.3								8.7	6.6
SE	6.1	4.6	4.3	.7								15.7	5.4
SSE	1.2	1.8	3.8	.9								7.7	7.1
S	1.1	1.6	1.9	.2								4.8	6.0
SSW	.8	1.8	2.6	.2								5.1	5.8
SW	.8	1.3	1.7	.1								3.9	6.0
WSW	1.0	1.0	.2	.1								2.3	4.7
W	1.3	1.0	.3									2.7	4.4
WNW	.6	.7	.9									2.2	6.2
NW	2.0	2.2	3.9	.8								8.9	6.6
NNW	.8	2.1	4.3	1.9								9.1	8.4
VARBL													
CALM												4.9	
	26.2	24.2	35.2	9.8								100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

1

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26216 (STATION) FORT SIMPSON NWT OUT (STATION NAME) 57-66 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	2.9	4.3	1.1								10.4	6.9
NNE	.3	.3	2.1	1.0								3.8	9.0
NE	1.1	.6	1.2	.2								3.1	6.3
ENE	.8	.9	.4									2.1	4.9
E	2.1	1.4	.4									4.0	4.2
ESE	1.2	1.6	2.8	.7	.1							6.3	7.1
SE	5.1	3.9	5.1	.7								14.8	5.5
SSE	1.6	1.8	2.4	.1								5.9	5.8
S	2.7	1.9	1.3									5.9	4.6
SSW	1.4	1.9	1.4	.1								4.9	5.3
SW	2.6	1.2	1.1	.1								5.0	4.5
WSW	.3	.9	.4	.1								1.8	5.8
W	.8	.2	.2									1.2	4.2
WNW	.8	1.0	1.0	.1								2.9	5.9
NW	3.9	2.9	2.1	.6	.1							9.6	5.5
NNW	1.2	1.9	2.6	1.1	.1							6.9	7.5
VARBL													
CALM												11.4	
	28.0	25.2	29.1	5.9	.3							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26216 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	2.0	2.7	.2								7.7	5.3
NNE	.2	.7	1.0	.6								2.4	8.3
NE	.6	.2	.2	.1	.1							1.2	6.5
ENE	.9	.1	.1	.1								1.2	4.0
E	1.7	.7	.1									2.4	3.3
ESE	1.9	1.6	3.6	.4								7.4	6.4
SE	8.9	3.9	3.2	.9								16.9	4.8
SSE	2.4	1.0	1.9	.1								5.4	5.1
S	2.8	1.6	.9	.1								5.3	4.2
SSW	.7	.6	.3									1.6	4.6
SW	2.2	.8	.4									3.4	3.7
WSW	.7	.6	.2									1.4	4.1
W	2.2	.3	.2									2.8	2.8
WNW	2.0	1.0	1.2	.1								4.3	5.1
NW	4.1	3.0	2.2	.6								9.9	5.0
NNW	1.0	1.8	2.0	1.3								6.1	7.5
VARBL													
CALM												20.3	
	35.0	19.7	20.3	4.6	.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 900

1

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210	FORT SIMPSON NWT DOT	57-66	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	.5	1.2	.5	.1							4.3	6.0
NNE	.3	.1	.3									.8	5.9
NE	1.6	.1	.3									2.0	3.6
ENE	.3	.1	.2									.6	4.5
E	2.5	1.1	.4									4.0	3.7
ESE	2.0	2.0	2.6	.8								7.4	6.6
SE	6.8	2.9	6.3	1.4	.1							17.5	5.9
SSE	2.0	1.1	.6									3.8	4.3
S	1.1	.8	.1									1.9	3.8
SSW	.5	.8	.1									1.4	4.2
SW	1.4	.9	.9									3.1	4.6
WSW	.6	.3	.4									1.4	5.4
W	2.9	.8	.3									4.0	3.3
WNW	3.0	1.6	1.2	.1								5.9	4.6
NW	6.0	3.9	4.0	1.0	.1							14.9	5.4
NNW	1.5	1.1	3.8	1.2	.3							7.8	8.0
VARBL													
CALM												19.0	
	34.6	18.0	22.8	4.9	.6							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

1

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) JUL (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	2.4	1.2	1.8	.2								5.6	5.4
NNE	.4											.4	2.5
NE	1.0											1.0	2.3
ENE	.3	.1										.4	3.3
E	1.1	1.4	.2	.1								2.8	4.5
ESE	2.4	2.4	3.2	.4								8.4	5.9
SE	6.6	5.6	5.1	1.0	.1							18.3	5.6
SSE	1.2	1.7	1.2									4.1	4.9
S	1.8	.9	.2									2.9	3.7
SSW	1.0	.1	.3									1.4	3.8
SW	.5	.1										.6	3.3
WSW	1.1	.3	.1	.2								1.7	4.3
W	2.2	.4										2.6	2.9
WNW	3.2	.9	1.6	.1								5.8	4.8
NW	5.5	5.4	4.5	1.2	.3							16.9	6.0
NNW	1.4	1.3	4.0	1.2	.3	.2						8.4	8.5
VARBL													
CALM												18.7	
	31.9	21.7	22.3	4.4	.8	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	1.9	2.5	.3								7.2	5.8
NNE	.6	.1										.8	2.7
NE	.8	.1										.9	2.9
ENE	.4	.1	.1									.6	3.2
E	1.6	.6	.3									2.6	3.5
ESE	2.0	3.1	4.0	.4								9.6	6.1
SE	6.6	8.5	6.6	1.2								22.8	5.6
SSE	2.3	1.2	1.2	.2								4.8	4.9
S	1.3	.4	.6	.1								2.5	5.3
SSW	.2											.2	2.5
SW	.5	.4	.1									1.1	4.3
WSW	.5		.4	.1								1.1	6.1
W	.8	.3	.1									1.2	3.5
WNW	.9	.6	1.5	.2								3.2	6.6
NW	4.9	4.0	6.5	1.3								16.7	6.1
NNW	2.3	2.9	7.0	1.9	.4	.2						14.7	8.0
VARBL													
CALM												10.1	
	28.2	24.4	30.9	5.8	.4	.2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

1 USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JUL MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.0	3.5	3.5	.8								11.8	5.8
NNE	.5	.2	.3									1.1	4.6
NE	.9											.9	2.1
ENE	.9	.2										1.1	2.9
E	3.4	.8	1.0	.2								5.4	4.3
ESE	1.9	2.6	3.7	1.0								9.1	6.6
SE	4.1	5.1	7.4	1.4								18.0	6.3
SSE	1.1	1.6	2.3	.4								5.4	6.5
S	1.3	.5	1.2	.1								3.1	5.4
SSW	.2	.5	.5	.2		.1						1.6	8.7
SW	1.1	.6	.5	.1								2.4	5.1
WSW	.2	.2	.6		.1	.1						1.3	8.8
W	.5	.1	.3									1.0	4.6
WNW	1.0	1.3	.8	.1								3.1	5.6
NW	3.1	4.0	6.7	1.2	.2							15.2	6.9
NNW	1.2	3.4	6.5	2.7	.3	.2						14.3	8.8
VARBL													
CALM												5.4	
	25.4	24.7	35.3	8.2	.6	.4						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

1

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.2	3.3	3.0	1.5								12.0	6.1
NNE	.8	.4	1.4	.1								2.7	6.7
NE	2.4	.4	.2	.3								3.3	4.3
ENE	.6	.2		.2								1.1	5.5
E	4.0	1.0	.8	.3								6.0	4.1
ESE	2.0	1.4	2.5	.4								6.3	6.1
SE	4.2	2.9	6.2	1.0								14.3	6.4
SSE	.8	1.4	2.8	.5								5.5	7.5
S	1.3	2.0	2.3	.2								5.8	6.1
SSW	.5	1.1	1.2	.3								3.1	6.8
SW	1.2	.8	1.1	.3	.2							3.5	7.0
WSW	.1	.3	1.0	.2								1.6	7.9
W	.5	.2	.6	.3								1.7	6.4
WNW	.5	.8	1.3	.5								3.1	7.8
NW	1.8	2.9	5.9	2.4	.1	.1						13.2	7.8
NNW	1.2	2.5	5.1	3.3	.2	.2						12.5	9.1
VARBL													
CALM												4.1	
	20.1	21.6	35.3	12.0	.5	.3						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

1

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	2.9	3.2	1.4	.1							10.4	6.7
NNE	.4	1.3	2.3	.3								4.7	6.6
NE	1.1	.5	.6	.1								2.4	4.9
ENE	1.0	.2	.4	.1								1.7	4.9
E	2.6	1.2	1.0	.2								4.9	4.4
ESE	3.3	1.5	2.6	.4								7.8	5.7
SE	4.8	3.3	4.8	.6								13.7	5.8
SSE	.9	1.2	3.3	.3								5.7	7.2
S	.9	1.4	2.2	.1								4.5	6.3
SSW	1.2	1.2	1.9	.2								4.5	6.3
SW	1.1	1.2	1.9	.6								4.8	7.3
WSW	.3	.5	.9	.4	.1							2.3	8.5
W	.8	.8	.6	.1								2.3	5.4
WNW	.9	.5	1.5	.2								3.1	6.2
NW	2.8	2.4	4.8	.9	.2							11.1	6.9
NNW	1.8	2.6	3.4	2.8	.5							11.2	8.3
VARBL													
CALM												4.8	
	27.0	22.7	35.6	8.9	1.0							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	2.7	2.9	.8		.1						9.7	6.2
NNE	1.1	.4	1.0	.2								2.7	5.9
NE	2.3	.9	.9									4.0	4.2
ENE	.4	.2	.4	.1	.1							1.3	7.0
E	1.3	1.0	.5	.2								3.0	5.4
ESE	1.6	1.6	2.7	.6								6.6	6.6
SE	5.6	2.9	4.1	.5								13.1	5.4
SSE	2.2	2.0	1.8									6.0	4.9
S	3.2	1.5	.1		.1							4.9	3.7
SSW	2.0	1.0	.6	.1								3.8	4.3
SW	2.0	1.3	1.0									4.3	4.8
WSW	.3	.3	1.0	.3								1.9	7.4
W	1.9	.2	.8									2.9	4.1
WNW	1.1	.9	1.1									3.0	5.3
NW	3.4	2.6	3.4	1.2	.1							10.8	6.5
NNW	1.8	1.6	3.8	1.7	.3							9.2	8.0
VARBL													
CALM												12.8	
	33.5	21.1	26.0	5.8	.6	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	.9	1.7	.6								5.1	6.4
NNE	.6	.4	.2	.1								1.4	5.3
NE	1.0	.4	.3		.1							1.8	4.9
ENE	.6	.3	.5									1.5	5.2
E	1.9	.6	.3									2.9	3.8
ESE	1.9	.9	2.0	.6								5.5	6.4
SE	8.8	4.4	4.0	1.0								18.2	5.0
SSE	1.5	1.4	1.0									3.9	4.8
S	2.2	2.0	.4									4.6	4.2
SSW	1.9	1.1	.3									3.3	4.0
SW	2.2	.9	.9									3.9	4.0
WSW	1.1	.6	.6									2.4	4.9
W	1.8	.5	.2									2.6	3.8
WNW	1.5	.9	.5									2.9	4.3
NW	4.8	2.8	3.9	.8								12.3	5.4
NNW	1.7	1.7	3.4	1.3	.4							8.6	8.0
VARBL													
CALM												19.2	
	35.5	19.9	20.4	4.4	.3							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

1

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210	FORT SIMPSON NWT DOT	57-66	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	.9	1.1	.5								4.2	6.1
NNE	.6	.4		.1								1.2	4.3
NE	.4	.2	.1									.8	4.4
ENE	.6		.1									.8	3.1
E	2.2	1.0	.4	.3								3.9	4.8
ESE	2.8	4.0	5.8	1.0	.1							13.7	6.6
SE	6.3	5.6	5.1	.3								17.3	5.2
SSE	2.3	1.7	1.7	.1								5.8	5.0
S	1.7	1.1	.2									3.0	3.6
SSW	.3	.2	.9									1.4	6.8
SW	.6	.1	.3	.1								1.3	5.5
WSW	1.4	.3										1.7	3.3
W	1.7	.1	.3	.2								2.4	4.3
WNW	2.5	1.5	1.1	.2	.1							5.4	5.0
NW	4.9	2.6	3.7	1.1	.1							12.4	5.9
NNW	1.9	1.7	3.3	1.3								8.3	7.2
VARBL													
CALM												16.7	
	32.3	21.4	24.1	5.3	.3							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

1 USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | AUG MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	.4	1.4	.4								4.2	6.0
NNE	.3	.2										.5	4.0
NE	.2	.3										.5	4.2
ENE	1.0	.2		.1								1.3	4.1
E	1.6	1.1	.4									3.1	4.3
ESE	2.2	2.8	4.2	.5								9.7	6.4
SE	8.0	6.5	7.8	.3								22.6	5.4
SSE	2.0	2.4	1.7									6.1	5.0
S	2.3	.2	.2									2.7	3.0
SSW	.1	.1	.1									.3	6.0
SW	.6	.3										1.0	3.2
WSW	.4	.3	.1									.9	4.1
W	2.5	.8	.4	.1								3.8	4.0
WNW	2.6	1.2	1.3	.2								5.3	5.0
NW	4.5	4.1	4.3	.5	.2							13.7	5.9
NNW	1.6	1.7	4.5	.9	.1							8.8	7.3
VARBL													
CALM												15.6	
	31.6	22.6	26.6	3.1	.3							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

2621 STATION | FORT SIMPSON NWT ONT STATION NAME | 57-66 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	2.3	.6	.9	.2								4.0	4.8
NNE	.6	.6										1.3	3.6
NE	.8	.3	.1									1.2	3.9
ENE	.9	.2	.2									1.3	3.7
E	2.6	1.0	.6									4.2	4.1
ESE	3.0	2.5	4.1	.4								10.0	6.0
SE	7.2	7.5	7.2	.3								22.4	5.4
SSE	1.4	1.7	2.6	.1								5.8	5.9
S	1.1	.4	.1									1.6	3.5
SSW	.1		.3									.4	8.0
SW	1.2	.6										1.9	3.4
WSW	.1											.1	3.0
W	1.0	.4	.5									1.9	4.7
WNW	1.6	.8	1.8	.4								4.6	6.3
NW	4.1	2.9	3.5	1.2	.1							13.8	6.5
NNW	2.4	2.3	5.4	1.7	.1							12.4	7.3
VARBL													
CALM												13.2	
	30.2	22.6	29.4	4.4	.2							100.0	5.0

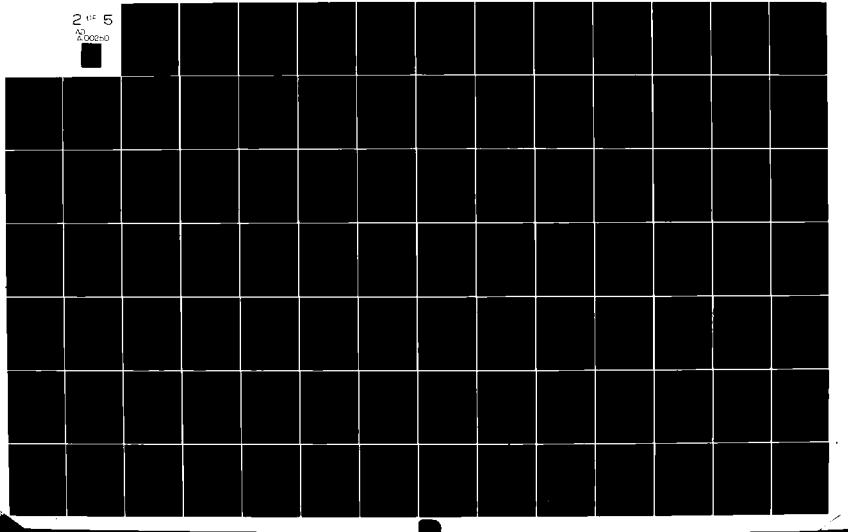
TOTAL NUMBER OF OBSERVATIONS 930

1

AD-A100 250 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FORT SIMPSON, NORTHWEST TERRITORIES, CANADA. REVISED UNIFORM SU--ETC(U)
JAN 72

UNCLASSIFIED USAFETAC/DS-81/045 SBIE-AD-E850 073 NL

2 OF 5
AD A100250



DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | AUG MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	1.8	2.6	.2								7.3	5.6
NNE	.6	.2	.4									1.3	5.1
NE	.6	.5	.4									1.7	4.7
ENE	.3	.1	.2									.6	4.3
E	4.5	.5	1.0									6.0	3.5
ESE	4.3	5.1	5.6	.3								15.3	5.6
SE	2.7	4.5	7.2	.1								14.5	6.3
SSE	1.6	1.7	3.0	.3								6.7	6.7
S	2.2	1.2	.5									3.9	4.1
SSW	.4	.2	.8									1.4	6.3
SW	.6	.4	.3	.3								1.7	5.9
WSW	.1	.2	.2									.5	6.2
W	.2	.6	.3	.1								1.3	5.7
WNW	.8	1.0	1.5	.6								3.9	7.2
NW	3.0	3.0	6.2	2.3	.1							14.6	7.3
NNW	2.5	2.4	6.8	2.2	.2	.1						14.1	8.0
VARBL													
CALM												5.2	
	27.3	23.5	37.1	6.5	.3	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

1

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | AUG MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	2.6	4.0	.4								10.3	6.4
NNE	.6	.3	1.0	.1								2.0	6.7
NE	.6	.1	.1									.9	3.1
ENE	1.3	.1	.1									1.5	3.1
E	4.6	1.8	.9									7.3	3.7
ESE	3.1	3.3	4.2	.5								11.2	5.8
SE	3.1	2.2	7.1	.2								12.6	6.4
SSE	1.1	2.2	4.3	.2								7.7	6.9
S	1.8	1.2	1.6	.1								4.7	5.3
SSW	1.2	1.0	1.1	.5								3.8	6.3
SW	.6	1.0	1.5	.5								3.7	6.9
WSW	.2	.5	.3	.1								1.2	6.5
W	.2	.4	.6									1.3	5.8
WNW	.5	1.1	1.4	1.1	.1							4.2	8.3
NW	1.9	3.0	5.7	2.5	.2							13.3	7.8
NNW	2.2	2.0	3.9	2.3	.5							10.9	8.5
VARBL													
CALM												3.2	
	26.3	22.8	37.7	9.0	.9							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	2.4	2.6	1.1	.4							9.4	6.8
NNE	.1	.9	1.3	.2								2.5	7.3
NE	1.2	.2	.2									1.6	3.5
ENE	.4	.2										.6	3.5
E	3.0	.5	.6	.1								4.3	3.8
ESE	3.1	1.7	2.8	.2								7.8	4.3
SE	4.7	3.8	3.4	.6								12.6	5.4
SSE	1.7	1.1	2.6	.4								5.8	6.3
S	3.1	1.6	2.2	.4								7.3	5.3
SSW	1.2	2.0	1.8	.3								5.4	6.2
SW	1.4	1.0	1.7	.5								4.6	6.1
WSW	.4	.2	.4	.1								1.5	5.4
W	.9	.8	.6	.1								2.4	5.5
WNW	1.4	.8	1.7	.2	.1							4.2	6.5
NW	2.0	3.7	4.9	1.4	.2							12.4	7.2
NNW	1.8	3.2	3.4	2.2	.4							11.1	7.7
VARBL													
CALM												6.6	
	29.8	24.0	30.4	8.0	1.3							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	1.6	3.7	.4								8.8	6.1
NNE	1.1	.6	1.6	.3								3.7	6.4
NE	1.0	.4	.2									1.6	3.7
ENE	.4	.1	.2									.8	3.7
E	1.0	.4	.2	.1								1.7	4.7
ESE	2.6	2.4	1.9	.4								7.3	5.5
SE	8.1	4.0	3.7	.4								16.1	4.6
SSE	3.5	1.9	.9	.1								6.5	4.3
S	4.4	1.8	.8									7.0	3.7
SSW	1.9	.9	.8									2.9	5.0
SW	1.4	.8	.3									2.5	3.8
WSW	1.1	.5	.2	.2								2.0	5.2
W	2.2	.1	.4									2.7	3.6
WNW	1.1	.8	1.0	.4	.1							3.3	6.7
NW	2.6	2.5	2.4	.8								8.2	6.0
NNW	1.5	1.4	3.1	1.7	.5							8.3	8.5
VARBL													
CALM												16.7	
	36.2	20.2	21.3	4.9	.6							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

1

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.2	1.5	.3								4.4	6.2
NNE	.4	.4	.5	.1								1.5	6.0
NE	.8	.3	.1									1.2	3.7
ENE	.8											.8	2.9
E	2.0	.8	.4	.1								3.3	4.3
ESE	3.3	1.8	2.8	.5								8.5	5.7
SE	8.7	4.2	2.6	.3								15.8	4.4
SSE	3.0	2.2	1.9									7.1	4.9
S	3.7	1.4	.6									5.7	3.6
SSW	1.4	.9	.9									3.1	4.8
SW	1.4	.5	.5	.1								2.6	4.7
WSW	1.0	.2	.1									1.3	3.8
W	2.4	.5	.2									3.1	3.3
WNW	2.3	.8	.4	.5								4.0	5.1
NW	3.9	3.2	3.0	1.3								11.4	6.0
NNW	1.6	1.5	1.8	1.4	.1							6.5	7.5
VARBL													
CALM												19.8	
	38.0	19.9	17.5	4.7	.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | SEP MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.1	.7	.2								3.9	4.6
NNE	1.2		.3									1.6	3.3
NE	.3	.2										.6	4.0
ENE	.9	.1										1.0	2.8
E	1.0	.7	1.3	.3								3.3	6.5
ESE	1.4	1.3	4.0	.8								7.6	7.2
SE	6.3	5.1	10.2	1.4								23.1	6.4
SSE	2.3	1.6	3.3									7.4	5.7
S	2.1	.2										2.3	2.9
SSW	.7	.2	.1									1.0	3.8
SW	.3	.7	.2									1.2	4.4
WSW	.6	.4	.7									1.7	5.1
W	2.0	.8										2.8	3.0
WNW	2.4	.4	.7									3.6	4.0
NW	3.1	3.6	3.8	1.1	.1							11.7	6.4
NNW	1.7	2.0	4.9	1.7	.1							10.3	7.7
VARBL													
CALM												17.0	
	28.3	18.7	30.2	5.6	.2							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

1

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.6	1.0	.3								3.0	6.1
NNE	.6	.2	.3		.1							1.2	5.9
NE	1.2	.3	.1									1.7	3.3
ENE	.7											.7	3.0
E	1.3	.9	.3	.2								2.8	4.6
ESE	1.3	1.9	2.9	1.0								7.1	7.1
SE	5.4	5.0	9.1	1.1								20.7	6.3
SSE	2.1	2.4	4.4	.6								9.6	6.3
S	2.0	.6	.1									2.7	3.2
SSW	.8											.8	2.6
SW	.4	.2	.2									.9	4.5
WSW	.6	.3	.4									1.3	4.8
W	1.8	.4	.3									2.6	3.6
WNW	2.0	.9	.3	.2								3.4	4.4
NW	4.6	3.6	5.8	.9								14.8	6.1
NNW	2.0	1.6	4.8	1.7	.1							10.1	7.8
VARBL													
CALM												16.8	
	27.9	18.9	30.2	6.0	.2							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 900

1

1

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.6	1.4	.4	.1							4.0	6.6
NNE	.6	.4	.1									1.1	4.2
NE	.9											.9	2.6
ENE	.4	.6										1.0	3.7
E	1.2	.4	.9									2.6	4.9
ESE	1.3	1.8	3.6	.2								6.9	6.4
SE	3.7	6.1	9.2	1.2								20.2	6.5
SSE	1.6	2.4	5.0	.2	.1							9.3	6.6
S	1.4	.7	.1									2.2	3.5
SSW	.3	.1										.4	3.3
SW	.9	.4	.1									1.4	3.5
WSW	.8	.2	.1									1.1	3.7
W	1.6	.8	.1									2.4	3.4
WNW	1.1	.6	.8	.1								2.6	5.1
NW	3.6	3.7	6.4	1.9	.4							16.0	7.2
NNW	1.4	1.9	6.1	1.7	.1							11.2	8.2
VARBL													
CALM												16.6	
	22.2	20.7	34.0	5.8	.8							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

1

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210	FT SIMPSON NWT DOT	57-66	SEP
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	1.3	2.1	.6		.1						6.4	6.3
NNE	.6	.3	.8									1.7	6.3
NE	.9	.1	.1									1.1	3.1
ENE	.3		.1									.4	3.5
E	2.6	.9	1.2									4.7	4.5
ESE	2.4	3.0	4.4	1.1	.1							11.1	7.0
SE	3.4	4.9	9.7	1.1								19.1	6.8
SSE	1.2	2.2	4.0	.6								8.0	6.9
S	1.4	.8	.6									2.8	4.4
SSW	.2	.3		.1								.7	5.2
SW	.9	.2	.1	.1								1.3	4.3
WSW	.2	.3	.4	.1								1.1	6.6
W	1.4	.1	.1	.1								1.8	3.6
WNW	.7	1.0	1.1	.1	.3	.1						3.3	8.1
NW	3.1	4.0	7.9	1.6	.4							17.0	7.4
NNW	1.7	3.3	6.1	2.9	.2	.1						14.3	8.4
VARBL													
CALM												5.1	
	23.4	22.9	38.8	8.3	1.1	.3						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26216 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
SEP — MONTH
ALL WEATHER — CLASS
1200-1400 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	.9	3.1	1.6	.1	.1						8.4	7.5
NNE	.9	.7	.4	.2								2.2	5.3
NE	.3	.4	.1									.9	4.1
ENE	1.3	.2	.1									1.7	3.5
E	4.0	.7	1.4	.2								6.3	4.5
ESE	2.7	1.9	4.3	.8								9.7	6.8
SE	3.2	3.4	8.3	.8								15.8	6.8
SSE	1.4	1.4	4.2	.9								8.0	7.3
S	.7	.9	1.3	.1								3.0	6.3
SSW	.9	1.3	.7									2.9	5.0
SW	.7	.6	.6									1.8	5.5
WSW	.3	.3	.2	.4								1.3	8.0
W	.4	.3	.4									1.2	5.5
WNW	.4	.4	1.8	.1	.3							3.1	8.3
NW	1.0	4.8	6.1	1.8	.1							14.3	7.2
NNW	1.1	2.7	8.0	4.2	.4	.1						16.6	9.4
VARBL													
CALM												2.8	
	22.7	21.9	41.2	11.1	1.0	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 900

1

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT ODT (STATION NAME) 57-66 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	1.8	3.6	1.7	.1	.1						9.3	7.7
NNE	.3	.7	.4	.2								1.7	6.2
NE	.8	.1	.4	.1								1.4	5.3
ENE	.1	.2	.1									.4	4.8
E	2.0	.6	.9	.4								4.4	4.9
ESE	1.7	1.7	4.9	1.6	.1							9.9	7.8
SE	4.2	4.3	7.0	1.2								16.8	6.6
SSE	1.2	1.4	2.1	.3								5.1	6.3
S	2.4	1.1	.8									4.3	4.1
SSW	.6	1.1	.4									2.1	5.2
SW	.9	.4	.6	.1								2.0	5.1
WSW	.6	.8	.7	.3								2.3	6.5
W	1.4	.8	.8									3.0	4.5
WNW	1.0	.4	1.2	.3	.1							3.1	6.9
NW	3.2	3.6	5.9	.9	.4							14.0	6.9
NNW	1.6	2.7	5.2	2.4	.2	.1						12.2	8.6
VARBL													
CALM												7.8	
	24.7	21.7	35.0	9.7	1.0	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26213	FT SIMPSON NAT DOT	57-66	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.2	2.0	.1								4.9	5.7
NNE	.8	.7	.6									2.0	4.6
NE	.8	.4	.2	.1								1.6	4.9
ENE	.4	.2	.1									.6	4.1
E	1.1	1.1	.7									2.9	4.7
ESE	1.3	1.0	3.9	.7								6.9	7.2
SE	6.0	4.4	6.1	.7	.1							17.3	5.8
SSE	2.9	1.9	2.2	.1								7.1	5.0
S	2.4	1.0	.6									4.0	3.8
SSW	1.4	.6	.2									2.2	3.6
SW	2.1	.7	.4									3.2	3.8
WSW	.9	.4	.2	.1								1.3	5.2
W	1.3	.6	.4									2.4	3.7
WNW	2.3	.7	.8									3.8	4.2
NW	4.4	2.4	3.8	.9	.2							12.2	5.9
NNW	1.6	1.3	3.6	2.3	.2							9.0	8.6
VARBL													
CALM												18.0	
	32.2	18.7	25.8	5.0	.6							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26216 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	1.1	1.0	.3								4.4	5.5
NNE	.3	.4	.2									1.0	5.4
NE	.7	.4	.2	.1								1.4	5.0
ENE	.4	.2	.2									.8	5.0
E	1.1	.5	.6	.2								2.7	5.5
ESE	2.1	1.3	3.6	.8	.1							7.9	6.9
SE	6.4	5.7	7.9	1.4								21.4	6.1
SSE	1.8	2.1	2.6									6.4	5.6
S	2.1	.8	.7									3.6	3.9
SSW	1.0	.7	.1	.1								1.9	4.2
SW	.6	.4	.4									1.7	4.6
WSW	.9	.6	.3									1.8	4.8
W	2.8	.7	.1									3.1	3.3
WNW	1.2	.8	.9									2.9	5.0
NW	4.3	2.4	2.6	1.2	.4							11.0	6.2
NNW	.9	2.1	4.6	1.3	.4							9.3	8.4
VARBL													
CALM												18.6	
	28.4	20.6	25.9	5.6	1.0							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FT STAMPSON NR T QUT (STATION NAME) 57-66 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.7	.6	.1								4.4	4.4
NNE	.4	.1	.1									.6	3.8
NE	.9	.3										1.2	3.1
ENE	.3	.1	.1									.5	4.2
E	.8	.2	1.0									1.9	5.6
ESE	1.3	1.2	1.8	1.0								5.3	6.9
SE	0.1	5.4	11.2	1.8	.1							24.6	6.5
SSE	1.5	2.0	2.4	.2								6.1	6.0
S	1.7	.9										2.6	3.2
SSW	.3	.3	.1									.8	4.3
SW	1.0	.3	.2									1.5	3.9
WSW	.5	.4	.3									1.3	4.6
W	3.0	.4	.6									4.1	3.6
WNW	1.7	.9	1.4	.9								4.8	6.6
NW	4.5	4.7	5.5	2.5	.1							17.3	6.8
NNW	1.3	2.2	4.9	2.0	.5	.1						11.1	8.8
VARBL													
CALM												11.8	
	27.3	21.2	30.3	8.5	.8	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26216 STATION | FORT SIMPSON NWT (DJT) STATION NAME | 57-66 YEARS | OCT MONTH

ALL WEATHER CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	.4	1.2	.2								3.3	5.5
NNE	.0	.1	.3									1.2	4.1
NE	.0											.6	2.3
ENE	.1	.2										.3	4.3
E	1.0	.3	.8									2.0	4.9
ESE	1.0	.6	3.1	1.4								6.1	8.0
SE	5.3	6.7	10.8	2.3								24.9	6.7
SSE	1.5	2.0	1.4	.4	.1							5.5	6.0
S	2.0	.6	.2									2.9	3.3
SSW	.3	.2	.2	.1								.9	6.1
SW	.8		.4									1.2	4.4
WSW	.4	.2	.1									.8	4.3
W	3.8	1.2	.3	.1								5.4	3.6
WNW	1.6	.9	1.0	.6								4.1	6.1
NW	4.6	4.8	5.8	2.9	.4							18.6	7.1
NNW	1.4	1.7	5.2	2.3	.9							11.4	8.9
VARBL													
CALM												10.8	
	26.7	20.1	30.8	10.3	1.4							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
FTAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.2	1.3									3.4	5.6
NNE	.3	.1										.4	3.5
NE	.6	.1										.8	2.9
ENE		.2										.2	4.5
E	1.2	.6	.6	.1								2.6	4.6
ESE	1.9	1.6	3.0	.8								7.3	6.6
SE	3.9	6.8	11.4	.9								22.9	6.8
SSE	2.9	2.2	2.5	.4								7.1	6.0
S	2.9	.2										3.1	2.7
SSW	.4		.2									.6	4.8
SW	1.0	.4	.2									1.6	3.9
WSW	1.3	.1	.4									1.8	4.0
W	4.2	.5	.1	.1								4.9	3.2
WNW	1.9	1.0	1.5	.2								4.6	5.3
NW	4.1	3.9	6.0	2.3	.6							16.9	7.2
NNW	1.1	1.9	5.7	2.7	.6							12.0	9.0
VARBL													
CALM												9.6	
	27.8	20.9	33.0	7.4	1.3							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

1

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.5	1.7	.8	.2							5.8	7.1
NNE	.8	.3	.4									1.5	4.5
NE	.6											.6	2.5
ENE	.5											.5	2.2
E	1.4	.1	.1									1.6	3.0
ESE	1.6	2.4	3.2	1.1	.1							8.4	7.1
SE	5.4	6.0	10.9	1.6								23.9	6.5
SSE	1.5	1.8	2.8	.9								7.0	6.9
S	1.4	.5	.2									2.2	3.3
SSW	.5	.2	.1									.9	3.8
SW	.5		.3	.1								1.0	5.6
WSW	.5	.4	.1	.3								1.4	6.1
W	2.4	.4	.3									3.1	3.5
WNW	1.7	1.0	1.3	.3								4.3	5.6
NW	4.2	4.5	6.9	2.9	.4							18.9	7.5
NNW	1.3	2.5	5.1	1.9	.2							11.0	8.3
VARBL													
CALM												8.0	
	26.0	21.7	33.4	9.9	1.0							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.5	1.9	.8								5.8	6.7
NNE	.3	.5	.4	.3								1.6	6.4
NE	.8	.2	.1									1.1	3.2
ENE	.2											.2	2.5
E	2.4	1.2	.8									4.3	4.0
ESE	1.5	1.8	4.4	.3	.5							8.6	7.5
SE	5.9	3.7	9.4	2.4								21.3	6.7
SSE	1.4	1.5	3.2	.4								6.6	6.6
S	1.2	.9	1.0									3.0	5.1
SSW	.5	.1	.2									.9	4.3
SW	.1	.3	.3									.8	6.3
WSW	.3		.5	.5								1.4	8.6
W	1.3	.4		.2								1.9	4.2
WNW	1.1	1.0	1.7	.3								4.1	6.3
NW	5.3	4.1	7.3	1.5	.4							18.6	6.8
NNW	1.6	3.1	4.4	2.6	.2							11.9	8.1
VARBL													
CALM												8.0	
	25.5	20.3	35.7	9.4	1.2							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

1

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.3	2.2	.2								5.1	6.0
NNE	.3	.3	.3	.4								1.4	7.6
NE	1.0	.1	.1									1.2	3.4
ENE	.2	.1	.1									.4	4.5
E	1.3	1.4	.3	.1								3.1	4.4
ESE	2.7	1.5	2.7	1.1	.1							8.1	6.6
SE	5.5	5.2	10.4	2.0								23.1	6.7
SSE	1.6	1.7	3.0	.2								6.6	6.1
S	2.5	.1	.2									2.8	3.0
SSW	.5		.2									.8	3.9
SW	.8	.2	.4	.1								1.5	5.0
WSW	.8	.2	.5	.1								1.6	5.4
W	2.6	1.0	.3									3.9	3.8
WNW	2.5	.9	1.2	.2								4.7	4.9
NW	5.2	4.5	5.5	1.5	.2							16.9	6.2
NNW	1.6	1.8	4.6	2.4								10.4	8.2
VARBL													
CALM												8.5	
	30.3	20.3	32.2	8.4	.3							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210	FORT SIMPSON NWT DOT	57-66	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.0	1.9	.2								5.6	5.6
NNE	.8	.2	.5	.1								1.6	5.3
NE	1.4	.5	.1									2.0	3.2
ENE	.2	.1										.3	3.7
E	1.1	.9	.5		.1							2.6	5.1
ESE	2.3	1.9	3.2	1.3								8.7	7.0
SE	4.8	5.2	10.1	2.3								22.4	6.8
SSE	1.1	1.3	2.4	.4								5.4	6.6
S	2.9	1.0	.6	.1								4.6	4.1
SSW	.4	.1										.5	3.2
SW	1.3	.6	.5									2.5	4.3
WSW	.8	.8	.3									1.8	4.5
W	2.9	.3	.2									3.4	3.0
WNW	2.9	1.4	1.1	.2	.1							5.7	5.0
NW	4.2	2.9	3.9	2.2								13.1	6.8
NNW	1.1	1.6	4.3	1.9	.2							9.1	8.4
VARBL													
CALM												10.5	
	29.5	21.1	29.8	8.7	.4							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

72214	FORT SIMPSON NWT DOT	57-66	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.5	1.6	.1								4.6	5.4
NNE	.5	.2										.8	3.4
NE	.8	.3	.2									1.3	4.0
ENE	.2	.1	.2									.5	5.8
E	1.0	.8	1.0	.2	.1							3.0	6.3
ESE	1.1	1.6	3.8	.8	.2							7.4	7.7
SE	4.5	5.4	10.6	1.5	.1							22.2	6.8
SSE	1.6	2.3	2.7	.3								6.9	6.1
S	2.0	1.0	.1									3.1	3.6
SSW	.3	.1	.1									.5	3.6
SW	1.0	.3	.2									1.5	3.5
WSW	.5	.1	.3									1.0	4.9
W	3.1	.5	.3	.1								4.1	3.6
WNW	2.5	.6	.5	1.0								4.6	6.0
NW	4.1	4.4	5.5	1.4	.1							15.5	6.4
NNW	1.1	1.3	3.7	1.7	.2	.1						10.1	8.8
VARBL													
CALM												12.9	
	25.7	20.5	32.9	7.1	.8	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210	FORT SIMPSON NWT DOT	57-66	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	2.6	.9	.1							5.8	7.7
NNE	.1		.1									.2	6.0
NE	.7											.7	2.5
ENE													
E	1.0	.2										1.2	2.7
ESE	1.7	1.2	.8	.2								3.9	5.0
SE	3.7	3.6	5.9	1.3	.1							14.6	6.4
SSE	2.2	1.8	2.7	.1								6.8	5.5
S	2.4	1.0	1.1	.1								4.7	4.5
SSW	.8	.2										1.0	3.0
SW	1.2	.3	.1									1.7	3.2
WSW	.4											.4	2.0
W	3.1	1.3	.3									4.8	3.6
WNW	2.4	1.8	1.7									5.9	4.8
NW	4.1	3.0	7.0	1.9								16.0	6.7
NNW	1.1	2.3	8.0	3.4	.3							15.2	8.8
VARBL													
CALM												17.2	
	20.1	17.9	30.2	8.0	.6							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26213 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | NOV MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.6	2.3	1.1	.1							5.7	7.8
NNE	.1	.3										.4	4.5
NE	.4											.4	2.5
ENE	.1		.1									.2	4.5
E	.7	.4										1.1	3.6
ESE	1.0	1.0	.9									2.9	5.5
SE	3.4	2.9	6.9	.8								14.0	6.5
SSE	2.4	1.9	3.9	.1								8.3	5.7
S	3.2	1.0	1.0									5.2	4.2
SSW	.6		.1									.7	3.3
SW	1.0	.1										1.1	3.0
WSW	.9											.9	2.8
W	3.3	1.2	.3									4.9	3.6
WNW	1.9	2.4	2.0	.2								6.6	5.4
NW	4.3	3.8	7.2	1.3	.2							16.9	6.7
NNW	1.1	2.0	7.8	2.8	.4							14.1	9.0
VARBL													
CALM												16.6	
	20.1	17.7	32.6	6.3	.8							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.7	2.3	1.6								5.2	8.7
NNE	.1	.1	.1									.3	5.7
NE	.6	.2										.8	3.3
ENE													
E	1.1	.1	.2	.1								1.6	4.2
ESE	.4	1.1	1.1									2.7	5.7
SE	2.2	3.1	6.7	1.1								13.1	7.1
SSE	3.6	1.9	3.2	.4								9.1	5.5
S	2.7	1.2	.8									4.7	4.0
SSW	1.1	.2										1.3	3.2
SW	.8											.8	2.4
WSW	.8	.2	.1									1.1	3.5
W	3.6	.9	.1									4.6	3.3
WNW	3.3	2.1	3.0	.1	.2							8.8	5.7
NW	4.3	3.6	8.0	1.8								17.7	6.7
NNW	1.8	1.9	6.2	3.6	.3	.1						13.9	8.9
VARBL													
CALM												14.4	
	27.0	17.3	31.9	8.7	.6	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.3	1.3	.8								4.4	6.9
NNE	.2	.1	.3									.7	6.0
NE	.2	.2										.4	4.0
ENE	.2											.2	2.5
E	1.1	.2	.1									1.4	3.4
ESE	1.0	1.1	1.8									3.9	6.0
SE	4.3	4.8	5.9	1.1								16.1	6.1
SSE	3.1	1.0	2.3	.2								6.7	5.5
S	2.3	.6	1.0									3.9	4.3
SSW	.7	.4										1.1	3.5
SW	1.3	.1	.1									1.6	3.2
WSW	.4	.1										.6	3.0
W	3.4	.9										4.3	3.2
WNW	2.7	1.6	.8									5.0	4.2
NW	4.2	5.3	11.1	2.8	.2							23.7	7.3
NNW	1.1	3.2	4.8	2.3	.3							11.8	8.4
VARBL													
CALM												14.2	
	27.4	21.0	29.6	7.2	.6							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

1

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210	FORT SIMPSON NWT DOT	57-66	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.3	1.4	.3								4.3	7.1
NNE	.3		.1									.4	3.8
NE	.1	.2										.3	3.7
ENE	.3	.2										.6	3.2
E	.6	.4	.4									1.4	4.8
ESE	.9	1.2	1.4	.1								3.7	5.9
SE	3.9	3.3	6.4	.8								14.4	6.4
SSE	1.3	1.6	2.6	.9								6.3	7.2
S	2.9	1.4	.4									4.8	3.7
SSW	.7	.1										.9	2.9
SW	1.6											1.6	2.5
WSW	.6	.3										.9	3.4
W	3.3	.8										4.1	3.1
WNW	1.7	1.8	1.7									5.1	5.3
NW	4.8	6.6	10.0	2.6								23.9	6.8
NNW	2.0	2.0	6.4	2.2	.9							13.6	8.7
VARBL													
CALM												13.8	
	25.7	21.3	31.0	7.3	.9							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.3	1.7	.6	.3							4.8	7.7
NNE	.1											.1	2.0
NE	.4	.2										.7	3.5
ENE	.3											.3	3.0
E	1.2	.3	.2									1.8	3.6
ESE	.9	1.8	1.3									4.0	5.4
SE	2.9	2.9	7.1	1.3								14.2	6.9
SSE	1.6	1.4	2.3	.2								5.6	5.9
S	2.9	1.4	.3									4.7	3.7
SSW	.6	.1										.7	3.2
SW	1.8											1.8	2.5
WSW	.9											.9	2.6
W	4.0	.6										4.6	3.0
WNW	3.4	1.9	1.3	.4								7.1	4.8
NW	5.2	3.6	9.4	2.2								20.4	6.8
NNW	1.2	2.1	6.4	3.3	.1							13.2	8.8
VARBL													
CALM												15.2	
	28.3	17.7	30.2	8.1	.4							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26216 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
NOV — MONTH
ALL WEATHER — CLASS
1800-2000 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.4	2.2	1.2	.2							5.4	8.2
NNE	.7	.1		.1								.9	3.5
NE	.8		.1									.9	3.3
ENE	.2	.1										.3	3.0
E	1.3	.4	.1									1.9	4.6
ESE	1.1	.6	2.2	.1								4.0	6.6
SE	3.3	2.7	8.0	1.3								15.3	6.8
SSE	1.1	2.6	2.1	.3								6.1	6.1
S	2.1	.6	.3									3.0	3.3
SSW	.6											.6	2.6
SW	.4											.4	2.5
WSW	1.4	.1										1.6	2.6
W	3.9	.8	.1									4.8	2.9
WNW	2.6	1.6	1.1	.2								5.4	4.8
NW	4.8	4.7	9.2	1.8	.3							20.8	6.8
NNW	1.2	2.2	5.3	2.6	.6							11.9	8.5
VARBL													
CALM												16.7	
	26.9	16.8	30.9	7.7	1.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.7	3.0	1.2								6.4	7.8
NNE	.2	.2										.4	4.0
NE	.8	.1	.1									1.0	3.3
ENE	.1											.1	2.0
E	.3	.3	.1									.8	4.3
ESE	1.3	.8	1.3									3.4	5.1
SE	3.2	3.7	7.8	1.0	.1							15.8	6.6
SSE	1.3	1.1	2.2	.6								5.2	6.4
S	2.2	.9	.2									3.3	3.4
SSW	.7			.1								.8	3.6
SW	.7	.3										1.0	3.3
WSW	.8											.8	2.4
W	2.6	1.3	.6									4.4	3.9
WNW	3.0	1.3	2.1	.6	.1							7.1	5.6
NW	5.1	5.3	7.0	1.6	.1							19.1	6.2
NNW	.8	1.7	6.6	2.4	.7							12.1	9.0
VARBL													
CALM												18.1	
	24.7	17.8	31.0	7.4	1.0							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FIRST SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.0	1.2	.8	.2							4.0	7.7
NNE	.1	.2										.3	4.7
NE	.1	.2										.3	3.3
ENE	.4	.1										.5	3.2
E	.2	.3	.3									.9	5.9
ESE	1.6	1.0	2.4	.3								5.3	6.2
SE	4.3	3.7	4.9	.8								13.7	5.8
SSE	1.5	1.3	3.2	.6								6.7	6.7
S	1.5		.4									1.9	3.5
SSW	.2	.1	.3									.6	6.2
SW	.4	.1										.5	2.4
WSW	.5	.1										.6	3.2
W	1.9											1.9	2.3
WNW	3.0	1.9	2.7	.6	.1							8.4	6.0
NW	5.9	6.0	8.7	1.5	.1							22.3	6.4
NNW	1.4	1.7	3.7	1.9	.3							9.0	8.5
VARBL													
CALM												23.0	
	24.1	17.7	27.8	6.6	.8							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

1

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

70210	FORT SIMPSON NWT OUT	57-66	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.2	1.2	.5	.1							2.8	8.0
NNE	.1		.2									.3	7.0
NE	.2											.2	3.0
ENE	.2											.2	2.5
E	1.0	.1	.5									1.6	4.2
ESE	1.6	1.7	2.7	.3								6.3	5.9
SE	5.6	4.2	4.9	.3								15.1	5.2
SSE	1.3	1.3	3.2	.1								5.9	6.1
S	1.1	.3	.5	.1								2.0	5.0
SSW	.3		.3	.1								.9	6.6
SW	.8	.1										.9	2.8
WSW	.2											.2	2.0
W	1.5	.1	.1									1.7	2.9
WNW	5.1	1.3	2.6	.4								9.4	5.0
NW	5.3	6.6	7.5	.8	.1							20.2	6.1
NNW	1.3	1.4	3.2	3.2	.4							9.6	9.3
VARBL													
CALM												22.8	
	26.2	17.3	27.1	5.9	.6							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

1

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | DEC MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.3	1.0	.6								2.9	7.0
NNE	.3		.2									.5	4.8
NE	.4											.4	2.0
ENE													
E	.9	.3	.3									1.5	4.1
ESE	1.7	1.9	2.6	.1								6.3	5.8
SE	5.2	2.8	5.1	.4								13.4	5.5
SSE	2.4	1.6	2.2	.2								6.3	5.4
S	1.0	.3	.4									1.7	4.4
SSW	.8	.1	.3									1.2	4.3
SW	.6	.1	.3									1.1	4.7
WSW	.5	.1	.3									1.0	4.6
W	1.4	.3										1.7	2.9
WNW	3.9	1.7	2.2	.5								8.3	5.1
NW	6.6	5.5	9.4	1.0	.1							22.5	6.1
NNW	1.7	.6	3.3	2.5	.5							8.7	9.1
VARBL													
CALM												22.4	
	28.3	15.8	27.5	5.4	.6							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
FTAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT UDT (STATION NAME) 57-66 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.4	.3	.5								2.4	6.0
NNE	.4		.3									.8	5.1
NE	.4	.1										.5	2.8
ENE	.3											.3	2.3
E	1.0	.2	.2									1.4	3.7
ESE	1.4	1.2	1.1	.3								4.0	5.5
SE	6.0	4.6	4.7	1.1	.1							16.6	5.6
SSE	1.7	1.2	1.6									4.5	5.2
S	1.7	.2	.3									2.3	3.4
SSW	.4	.1										.5	3.0
SW	.4	.2	.2									.9	4.4
WSW	.5	.1	.3									1.0	4.2
W	1.4	.2		.1								1.7	3.3
WNW	3.8	1.4	2.6	.2								8.0	5.0
NW	5.6	4.0	11.8	1.9	.8							24.1	7.2
NNW	1.9	1.5	3.9	1.0	.5							8.8	7.8
VARBL													
CALM												22.4	
	28.2	15.5	27.4	5.2	1.4							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

1

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	.4	1.1	.3								3.3	6.0
NNE	.5											.5	2.2
NE	.1											.1	2.0
ENE	.6											.6	2.2
E	.6	.2	.1									1.0	3.7
ESE	2.9	1.0	.6	.2								4.7	4.4
SE	6.9	4.0	5.8	1.1								17.7	5.7
SSE	1.6	1.8	1.7	.3								5.5	5.8
S	1.6	.3	.2									2.2	3.4
SSW	.8	.1	.1									1.0	3.3
SW	.5	.3		.1								1.0	4.3
WSW	.1		.2									.3	6.3
W	1.0	.4	.1									1.5	3.3
WNW	3.0	1.4	1.6	.3								6.3	5.0
NW	6.7	5.9	11.4	2.3	.3	.1						26.7	6.7
NNW	1.5	1.6	4.7	1.5	.4							9.8	6.2
VARBL													
CALM												17.7	
	30.0	17.5	27.7	6.1	.8	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

1

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

20210	FORT SIMPSON NWT DOT	57-66	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.5	1.1	.3								3.2	5.9
NNE			.2									.2	7.0
NE	.3											.3	2.3
ENE	.2	.1										.3	3.0
E	.3	.2	.2									.5	5.3
ESE	.9	1.2	1.3	.5								3.9	6.5
SE	4.1	4.9	5.2	1.0	.1							15.3	6.0
SSE	1.4	1.3	2.5	.3								5.5	6.5
S	1.2	.6	.4									2.3	4.1
SSW	.4											.4	2.5
SW	.6	.2	.1									1.0	3.8
WSW	.2		.2									.4	5.0
W	1.9	.1										2.0	2.6
WNW	4.1	1.4	1.7	.6								7.8	5.1
NW	6.9	8.0	9.8	1.7	.2	.2						26.8	6.4
NNW	2.0	1.7	3.9	1.4	.4							9.5	7.7
VARBL													
CALM												20.3	
	25.9	20.3	26.6	5.9	.8	.2						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.3	1.3	.6								3.1	7.1
NNE	.2	.1	.1									.4	5.3
NE	.4											.4	2.0
ENE	.1											.1	1.0
E	.9	.3	.2	.2								1.6	5.3
ESE	1.3	.3	1.8	.3								3.8	6.4
SE	3.3	3.3	5.2	1.3								13.3	6.4
SSE	2.5	2.4	2.0	.4								7.3	5.6
S	1.2	.9	.4									2.5	4.3
SSW	.5	.2										.8	3.3
SW	.2	.1										.3	3.3
WSW	.6	.4										1.1	3.2
W	1.6	.6	.1									2.4	3.3
WNW	2.8	2.5	1.8	.6								7.7	5.6
NW	6.0	6.3	9.7	1.8	.5	.1	.1					24.6	6.8
NNW	2.8	1.7	4.0	1.7	.1							10.3	7.1
VARBL													
CALM												20.2	
	25.0	19.0	26.7	7.1	.6	.1	.1					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210	FORT SIMPSON NWT DOT	57-66	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.3	1.7	.6								3.5	7.5
NNE	.1		.1									.2	5.5
NE	.1											.1	2.0
ENE	.4	.1										.5	2.8
E	.6	.2	.1									1.0	3.8
ESE	1.1	1.0	1.9	.4								4.4	6.9
SE	4.4	2.4	4.6	1.2								12.6	6.2
SSE	2.3	1.3	3.4	.2								7.2	6.4
S	1.3	.3	.3									1.9	3.8
SSW	.4											.4	2.8
SW	.8											.8	2.4
WSW	.3	.1										.4	3.3
W	2.6	.3	.1									3.0	2.5
WNW	3.7	1.4	2.8	.3								8.2	5.6
NW	6.0	7.0	10.2	2.0	.4							25.7	6.7
NNW	2.8	1.3	3.3	1.7	.2							9.4	7.5
VARBL													
CALM												20.6	
	27.7	15.7	28.7	6.6	.6							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

1

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) ALL (MONTH)

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.0	2.1	1.2	.2	.0						5.9	7.9
NNE	.5	.2	.2	.1	.0							1.0	5.7
NE	.8	.3	.0	.0								1.1	3.4
ENE	.4	.2	.0	.0								.6	3.9
E	1.1	.6	.6	.0								2.4	4.7
ESE	1.2	1.1	2.8	.7	.1							5.8	7.3
SE	2.8	2.8	6.6	1.3	.0							13.6	7.0
SSE	1.2	1.1	1.8	.3	.0							4.4	6.2
S	1.0	.4	.3	.0								1.8	4.0
SSW	.3	.1	.0	.0								.6	3.5
SW	.4	.0	.1	.0								.5	3.7
WSW	.3	.0	.0	.0								.4	3.6
W	1.2	.3	.2	.0	.0							1.7	3.6
WNW	1.4	1.3	2.0	.5	.0							5.2	6.5
NW	4.5	4.9	10.2	3.5	.5	.0	.0					23.7	7.6
NNW	1.6	2.5	8.8	5.7	1.1	.2	.0					19.8	9.8
VARBL													
CALM												11.3	
	20.4	16.9	35.7	13.5	2.0	.2	.0					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 8645

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART D CEILING VERSUS VISIBILITY

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

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

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

D

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

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1600 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

DATA PROCESSING DIVISION
USAF ETAC
[illegible]

2

CEILING VERSUS VISIBILITY

[illegible] STATION [illegible] STATION NAME 57-66 YEARS [illegible] MONTH

[illegible] HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	48.6	48.6	48.7	48.7	48.8	48.8	48.8	49.0	49.0	49.0	49.1	49.1	49.2	49.3
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	52.5	52.9	53.0	53.1	53.2	53.2	53.3	53.3	53.3	53.5	53.5	53.5	53.6	53.6	53.7	53.8
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	53.4	53.8	53.9	54.0	54.1	54.1	54.2	54.2	54.2	54.4	54.4	54.4	54.5	54.5	54.6	54.7
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	58.4	58.9	59.0	59.1	59.2	59.3	59.4	59.4	59.4	59.6	59.6	59.6	59.8	59.8	59.9	59.9
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	65.1	65.8	66.0	66.2	66.4	66.4	66.6	66.7	66.7	66.9	66.9	66.9	67.1	67.1	67.2	67.2
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	69.0	69.8	70.0	70.2	70.5	70.6	70.8	70.8	70.8	71.1	71.1	71.1	71.2	71.3	71.4	71.4
≥ 5000	72.5	73.4	73.7	73.9	74.2	74.3	74.5	74.6	74.6	74.8	74.9	74.9	75.0	75.0	75.1	75.2
≥ 4500	73.4	74.3	74.6	74.8	75.2	75.2	75.5	75.5	75.5	75.8	75.8	75.8	76.0	76.0	76.1	76.1
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	77.7	78.8	79.2	79.5	79.9	80.0	80.3	80.4	80.4	80.7	80.7	80.7	80.9	80.9	81.0	81.0
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	84.9	85.8	86.2	86.4	86.9	87.0	87.3	87.4	87.4	87.7	87.7	87.7	87.8	87.8	87.9	87.9
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	86.4	87.3	87.7	87.9	88.4	88.5	88.8	88.8	88.8	89.1	89.1	89.1	89.2	89.2	89.3	89.3
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	89.4	90.3	90.7	90.9	91.4	91.5	91.8	91.9	91.9	92.2	92.2	92.2	92.3	92.3	92.4	92.4
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	90.7	91.6	91.9	92.1	92.6	92.7	93.0	93.0	93.0	93.3	93.3	93.3	93.4	93.4	93.5	93.5
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	93.5	94.6	94.9	95.1	95.6	95.7	96.0	96.0	96.0	96.3	96.3	96.3	96.4	96.4	96.5	96.5
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	96.0	97.3	97.6	97.8	98.3	98.4	98.7	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.1	99.1
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	96.4	97.7	98.0	98.2	98.7	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.4	99.4
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	96.4	97.8	98.1	98.3	98.8	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.5	99.5
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]176.1

1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	48.7	49.9	50.2	50.4	50.7	50.7	51.0	51.1	51.1	51.7	51.8	51.9	52.1	52.1	52.1	52.2
	50.5	51.7	51.9	52.2	52.5	52.5	52.8	52.9	52.9	53.4	53.6	53.6	53.9	53.9	54.0	54.0
≥ 18000 ≥ 16000	50.5	51.7	51.9	52.2	52.5	52.5	52.8	52.9	52.9	53.4	53.6	53.6	53.9	53.9	54.0	54.0
	50.5	51.7	52.0	52.2	52.6	52.6	52.8	53.0	53.0	53.5	53.7	53.7	54.0	54.0	54.0	54.1
≥ 14000 ≥ 12000	50.9	52.1	52.4	52.6	52.9	52.9	53.2	53.3	53.3	53.9	54.1	54.1	54.4	54.4	54.4	54.5
	51.9	53.1	53.4	53.6	53.9	53.9	54.2	54.3	54.3	54.9	55.1	55.1	55.3	55.4	55.4	55.5
≥ 10000 ≥ 9000	55.1	56.6	56.9	57.2	57.6	57.6	58.0	58.1	58.1	58.7	58.9	58.9	59.2	59.2	59.2	59.3
	57.9	59.5	59.9	60.3	60.7	60.8	61.1	61.3	61.3	61.9	62.2	62.2	62.4	62.4	62.5	62.6
≥ 8000 ≥ 7000	63.6	63.5	63.9	64.3	64.9	65.0	65.4	65.6	65.6	66.3	66.5	66.5	66.8	66.8	66.9	66.9
	64.1	66.1	66.7	67.2	67.9	67.9	68.4	68.5	68.5	69.3	69.5	69.5	69.8	69.8	69.9	70.0
≥ 6000 ≥ 5000	64.9	66.9	67.6	68.1	68.8	68.8	69.3	69.5	69.5	70.3	70.5	70.5	70.8	70.8	70.9	71.0
	67.4	69.6	70.3	70.9	71.7	71.7	72.4	72.6	72.6	73.4	73.6	73.6	73.9	73.9	74.0	74.1
≥ 4500 ≥ 4000	68.3	70.5	71.2	71.8	72.6	72.7	73.4	73.6	73.6	74.3	74.6	74.6	74.9	74.9	74.9	75.0
	70.9	73.4	74.2	74.9	75.8	75.9	76.6	76.8	76.8	77.6	77.8	77.8	78.1	78.1	78.2	78.3
≥ 3500 ≥ 3000	71.7	74.3	75.1	75.9	76.9	76.9	77.7	77.9	77.9	78.7	78.9	78.9	79.2	79.2	79.3	79.4
	74.3	77.1	78.0	78.9	80.1	80.2	81.1	81.5	81.5	82.4	82.7	82.7	83.0	83.0	83.1	83.1
≥ 2500 ≥ 2000	76.6	79.6	80.6	81.6	83.0	83.1	84.1	84.6	84.6	85.6	85.8	85.8	86.1	86.2	86.2	86.3
	78.5	81.6	82.8	83.9	85.5	85.6	87.0	87.7	87.7	88.8	89.1	89.1	89.4	89.5	89.5	89.6
≥ 1800 ≥ 1500	79.0	82.1	83.3	84.4	86.0	86.1	87.6	88.3	88.3	89.4	89.7	89.7	90.0	90.1	90.1	90.2
	80.2	83.4	84.7	85.8	87.5	87.6	89.2	90.0	90.0	91.3	91.7	91.7	92.0	92.0	92.1	92.2
≥ 1200 ≥ 1000	81.3	84.7	86.0	87.1	88.8	88.9	90.6	91.4	91.4	92.9	93.2	93.2	93.6	93.6	93.7	93.8
	82.8	86.3	87.6	88.8	90.6	90.7	92.5	93.2	93.2	95.5	95.8	95.8	96.2	96.2	96.3	96.4
≥ 900 ≥ 800	83.1	86.6	88.0	89.1	90.9	91.0	92.8	93.5	93.6	95.8	96.2	96.2	96.6	96.6	96.7	96.8
	83.6	87.1	88.4	89.5	91.3	91.4	93.2	94.0	94.0	96.3	96.9	96.9	97.4	97.4	97.4	97.5
≥ 700 ≥ 600	83.9	87.4	88.8	89.9	91.7	91.8	93.6	94.4	94.4	96.7	97.3	97.4	97.8	97.8	97.9	98.0
	84.3	88.0	89.3	90.5	92.2	92.3	94.1	94.9	95.0	97.2	97.9	97.9	98.4	98.4	98.5	98.6
≥ 500 ≥ 400	84.4	88.1	89.4	90.6	92.4	92.5	94.4	95.2	95.3	97.6	98.3	98.4	98.9	99.0	99.0	99.1
	84.5	88.2	89.6	90.8	92.7	92.8	94.6	95.5	95.5	97.8	98.5	98.5	99.2	99.2	99.3	99.4
≥ 300 ≥ 200	84.6	88.3	89.7	90.9	92.8	92.9	94.8	95.6	95.7	98.0	98.7	98.7	99.4	99.4	99.5	99.6
	84.8	88.5	89.8	91.0	93.0	93.1	95.0	95.8	95.9	98.2	98.9	98.9	99.6	99.7	99.8	99.9
≥ 100 ≥ 0	84.7	88.5	89.9	91.1	93.0	93.1	95.1	95.9	96.0	98.3	99.0	99.0	99.7	99.8	99.9	100.0
	84.7	88.5	89.9	91.1	93.0	93.1	95.1	95.9	96.0	98.3	99.0	99.0	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26210 STATION | FORT STEPSON N&T OUT STATION NAME | 57-66 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.3	52.7	52.7	52.8	52.8	52.8	52.9	52.9	52.9	53.0	53.0	53.0	53.1	53.1	53.3	53.3
≥ 20000	55.5	56.0	56.1	56.2	56.3	56.3	56.5	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.9	56.9
≥ 18000	55.5	56.1	56.2	56.2	56.3	56.3	56.5	56.5	56.5	56.6	56.7	56.7	56.7	56.7	56.9	56.9
≥ 16000	55.6	56.1	56.2	56.3	56.4	56.4	56.6	56.6	56.6	56.7	56.7	56.7	56.8	56.8	57.0	57.0
≥ 14000	56.1	56.6	56.8	56.8	56.9	56.9	57.1	57.1	57.1	57.2	57.3	57.3	57.3	57.3	57.5	57.5
≥ 12000	57.4	58.0	58.1	58.2	58.3	58.3	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.9	58.9
≥ 10000	60.9	61.6	61.7	61.7	61.9	61.9	62.1	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.6	62.6
≥ 9000	63.8	64.6	64.7	64.8	65.0	65.0	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.8	65.8
≥ 8000	67.2	68.3	68.5	68.8	69.1	69.1	69.4	69.5	69.5	69.7	69.7	69.7	69.8	69.8	70.0	70.0
≥ 7000	71.3	72.7	72.9	73.3	73.7	73.8	74.1	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.9	74.9
≥ 6000	71.9	73.3	73.6	73.9	74.4	74.4	74.7	74.9	74.9	75.2	75.3	75.3	75.3	75.3	75.5	75.5
≥ 5000	74.6	76.3	76.6	77.1	77.6	77.7	78.1	78.2	78.2	78.5	78.6	78.6	78.6	78.6	78.9	78.9
≥ 4500	75.1	76.9	77.3	77.7	78.4	78.4	78.8	78.9	79.0	79.3	79.3	79.3	79.3	79.3	79.6	79.6
≥ 4000	78.0	80.0	80.5	80.9	81.6	81.7	82.1	82.3	82.3	82.6	82.7	82.7	82.7	82.7	82.9	82.9
≥ 3500	78.9	81.1	81.5	81.9	82.7	82.7	83.2	83.4	83.4	83.7	83.8	83.8	83.8	83.8	84.1	84.1
≥ 3000	81.0	83.6	84.1	84.7	85.7	85.7	86.3	86.6	86.6	87.1	87.2	87.2	87.3	87.3	87.5	87.5
≥ 2500	82.8	85.6	86.2	86.9	88.0	88.2	88.8	89.1	89.1	89.8	89.9	89.9	89.9	89.9	90.2	90.2
≥ 2000	84.4	87.6	88.2	89.0	90.3	90.4	91.4	91.8	91.9	92.6	92.8	92.8	92.9	92.9	93.1	93.1
≥ 1800	84.7	87.8	88.5	89.2	90.6	90.7	91.6	92.1	92.1	92.9	93.1	93.1	93.2	93.2	93.4	93.4
≥ 1500	85.7	88.9	89.6	90.4	91.9	92.0	93.1	93.7	93.8	94.9	95.2	95.2	95.3	95.3	95.6	95.6
≥ 1200	86.5	89.9	90.6	91.4	92.9	93.0	94.1	94.8	94.9	96.1	96.4	96.4	96.6	96.6	96.8	96.8
≥ 1000	87.2	90.6	91.4	92.2	93.8	94.0	95.2	95.9	95.9	97.4	97.8	97.8	98.0	98.0	98.2	98.2
≥ 900	87.2	90.7	91.4	92.3	93.9	94.1	95.2	96.0	96.0	97.5	97.9	97.9	98.2	98.2	98.4	98.4
≥ 800	87.5	91.0	91.7	92.5	94.2	94.4	95.5	96.3	96.3	97.8	98.3	98.3	98.6	98.6	98.8	98.8
≥ 700	87.5	91.0	91.8	92.6	94.3	94.4	95.6	96.4	96.4	97.9	98.4	98.4	98.7	98.7	99.0	99.0
≥ 600	87.6	91.1	91.9	92.7	94.4	94.5	95.7	96.5	96.5	98.1	98.5	98.5	98.9	98.9	99.2	99.2
≥ 500	87.7	91.3	92.0	92.9	94.5	94.7	95.9	96.7	96.7	98.3	98.7	98.7	99.1	99.1	99.4	99.4
≥ 400	87.7	91.3	92.1	92.9	94.6	94.8	96.0	96.8	96.8	98.4	98.9	98.9	99.3	99.3	99.6	99.6
≥ 300	87.7	91.3	92.1	93.0	94.6	94.8	96.0	96.8	96.9	98.4	98.9	98.9	99.4	99.4	99.7	99.7
≥ 200	87.7	91.3	92.1	93.0	94.6	94.8	96.0	96.8	96.9	98.5	99.0	99.0	99.6	99.6	99.9	99.9
≥ 100	87.7	91.3	92.1	93.0	94.6	94.8	96.0	96.8	96.9	98.5	99.0	99.0	99.6	99.6	99.9	99.9
0	87.7	91.3	92.1	93.0	94.6	94.8	96.0	96.8	96.9	98.5	99.0	99.0	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

1

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

DATA PROCESSING DIVISION
USAF ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ 57-66 YEARS _____ MONTH _____

HOURS (L ST.) ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.5	55.8	55.9	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 20000	60.2	60.6	60.8	60.8	61.0	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 18000	60.2	60.6	60.8	60.8	61.0	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 15000	60.2	60.7	60.8	60.9	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3
≥ 14000	60.5	61.0	61.2	61.3	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 12000	61.5	62.1	62.3	62.4	62.5	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 10000	65.1	65.8	66.0	66.2	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 9000	67.2	68.1	68.3	68.5	68.6	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 8000	71.8	73.1	73.5	73.8	74.3	74.4	74.7	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 7000	74.1	75.6	76.1	76.5	77.0	77.2	77.4	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 6000	74.7	76.2	76.8	77.2	77.8	78.0	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 5000	77.5	79.3	79.9	80.4	81.1	81.2	81.6	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	78.1	79.9	80.6	81.0	81.8	81.9	82.3	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	80.6	82.6	83.5	84.0	84.9	85.1	85.6	85.8	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3500	81.1	83.3	84.2	84.7	85.7	85.8	86.3	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3000	83.1	85.6	86.6	87.3	88.5	88.6	89.3	89.6	89.6	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500	84.0	87.4	88.6	89.4	90.6	90.8	91.5	91.8	91.8	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	85.7	88.6	89.9	90.8	92.2	92.4	93.5	93.9	93.9	94.8	95.0	95.0	95.1	95.1	95.1	95.1
≥ 1800	86.1	89.0	90.2	91.1	92.6	92.8	93.9	94.3	94.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	86.7	89.8	91.0	92.0	93.6	93.9	95.1	95.6	95.6	97.0	97.2	97.2	97.4	97.4	97.4	97.4
≥ 1200	87.2	90.4	91.6	92.7	94.3	94.5	95.8	96.3	96.3	97.8	98.2	98.2	98.3	98.3	98.4	98.4
≥ 1000	87.3	90.6	91.8	92.8	94.5	94.8	96.2	96.8	96.8	98.7	99.1	99.1	99.3	99.3	99.3	99.3
≥ 900	87.3	90.6	91.8	92.8	94.5	94.8	96.2	96.8	96.8	98.7	99.1	99.2	99.3	99.3	99.4	99.4
≥ 800	87.4	90.6	91.8	92.9	94.6	94.8	96.2	96.8	96.9	98.8	99.3	99.3	99.5	99.5	99.6	99.6
≥ 700	87.4	90.6	91.9	92.9	94.6	94.8	96.2	96.9	96.9	98.8	99.4	99.5	99.7	99.7	99.8	99.8
≥ 600	87.4	90.6	91.9	92.9	94.6	94.8	96.2	96.9	96.9	98.8	99.4	99.5	99.7	99.7	99.8	99.8
≥ 500	87.4	90.6	91.9	92.9	94.6	94.9	96.2	96.9	96.9	98.8	99.4	99.5	99.8	99.8	99.9	99.9
≥ 400	87.4	90.6	91.9	92.9	94.6	94.9	96.2	96.9	96.9	98.8	99.4	99.5	99.8	99.9	99.9	99.9
≥ 300	87.4	90.6	91.9	92.9	94.6	94.9	96.2	96.9	96.9	98.9	99.4	99.5	99.9	99.9	100.0	100.0
≥ 200	87.4	90.6	91.9	92.9	94.6	94.9	96.2	96.9	96.9	98.9	99.4	99.5	99.9	99.9	100.0	100.0
≥ 100	87.4	90.6	91.9	92.9	94.6	94.9	96.2	96.9	96.9	98.9	99.4	99.5	99.9	99.9	100.0	100.0
≥ 0	87.4	90.6	91.9	92.9	94.6	94.9	96.2	96.9	96.9	98.9	99.4	99.5	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7466

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] FORT SIMPSON NWT DOT [redacted] 57-66 YEARS [redacted] APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 20000	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 18000	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 16000	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 14000	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 12000	62.6	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000	66.4	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 9000	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7
≥ 8000	72.4	72.7	72.7	72.8	72.9	72.9	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 7000	74.6	74.9	75.0	75.1	75.3	75.3	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 6000	75.4	75.8	75.8	75.9	76.1	76.1	76.2	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5
≥ 5000	78.4	78.9	79.0	79.2	79.4	79.4	79.5	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4500	79.2	79.8	79.9	80.1	80.3	80.3	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	81.8	82.5	82.7	83.0	83.3	83.3	83.5	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	83.7	84.6	84.8	85.1	85.4	85.4	85.6	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	86.3	87.3	87.5	87.9	88.3	88.3	88.6	88.7	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2500	87.8	88.9	89.3	89.8	90.4	90.5	90.8	90.9	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	89.9	91.0	91.3	92.0	92.7	92.8	93.3	93.6	93.6	94.0	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	90.2	91.4	91.8	92.3	93.1	93.2	93.7	94.0	94.0	94.4	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1500	91.1	92.4	93.0	93.4	94.3	94.3	95.0	95.3	95.3	95.9	96.1	96.1	96.2	96.2	96.2	96.2
≥ 1200	91.7	93.1	93.7	94.2	95.0	95.1	95.8	96.2	96.2	96.9	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	92.3	93.8	94.5	95.0	96.0	96.1	96.8	97.3	97.3	98.5	98.9	98.9	99.2	99.2	99.2	99.2
≥ 900	92.4	93.9	94.5	95.1	96.0	96.1	96.8	97.3	97.3	98.5	99.0	99.0	99.2	99.3	99.3	99.3
≥ 800	92.4	93.9	94.6	95.1	96.1	96.2	96.8	97.3	97.4	98.6	99.0	99.0	99.4	99.5	99.6	99.6
≥ 700	92.4	94.0	94.6	95.2	96.2	96.3	96.9	97.4	97.5	98.7	99.1	99.2	99.5	99.6	99.7	99.7
≥ 600	92.4	94.0	94.7	95.2	96.2	96.3	97.0	97.5	97.5	98.7	99.2	99.2	99.6	99.7	99.8	99.8
≥ 500	92.4	94.0	94.7	95.2	96.2	96.3	97.0	97.5	97.5	98.7	99.2	99.2	99.7	99.8	99.9	99.9
≥ 400	92.4	94.0	94.7	95.2	96.2	96.3	97.0	97.5	97.5	98.7	99.2	99.2	99.7	99.8	99.9	99.9
≥ 300	92.4	94.0	94.7	95.2	96.2	96.3	97.0	97.5	97.5	98.7	99.2	99.2	99.7	99.8	99.9	99.9
≥ 200	92.4	94.0	94.7	95.2	96.2	96.3	97.0	97.5	97.5	98.7	99.2	99.2	99.7	99.8	100.0	100.0
≥ 100	92.4	94.0	94.7	95.2	96.2	96.3	97.0	97.5	97.5	98.7	99.2	99.2	99.7	99.8	100.0	100.0
≥ 0	92.4	94.0	94.7	95.2	96.2	96.3	97.0	97.5	97.5	98.7	99.2	99.2	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

1

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24710 STATION — FIRST ORDER WX BUREAU STATION NAME — 57-66 YEARS — JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 20000	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 18000	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 16000	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 14000	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 12000	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 10000	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 9000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 8000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 7000	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0
≥ 6000	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 5000	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4500	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4000	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3500	89.1	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	92.3	92.6	92.7	92.7	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500	93.0	93.3	93.5	93.5	93.6	93.6	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000	94.6	95.1	95.2	95.3	95.5	95.5	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	94.6	95.1	95.3	95.4	95.5	95.5	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	95.5	96.1	96.3	96.4	96.6	96.6	96.8	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 1200	95.8	96.5	96.6	96.7	96.9	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 1000	97.0	97.8	97.9	98.1	98.3	98.3	98.5	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	97.1	97.9	98.0	98.2	98.4	98.4	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 800	97.4	98.1	98.3	98.5	98.7	98.7	98.9	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	97.5	98.2	98.4	98.6	98.8	98.8	99.0	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥ 600	97.6	98.4	98.6	98.7	98.9	99.0	99.2	99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 500	97.7	98.4	98.6	98.8	99.0	99.0	99.2	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	97.7	98.4	98.6	98.8	99.0	99.0	99.2	99.5	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0
≥ 300	97.7	98.4	98.6	98.8	99.0	99.0	99.2	99.5	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0
≥ 200	97.7	98.4	98.6	98.8	99.0	99.0	99.2	99.5	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	97.7	98.4	98.6	98.8	99.0	99.0	99.2	99.5	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0	97.7	98.4	98.6	98.8	99.0	99.0	99.2	99.5	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7393

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26216 STATION — FIJI SIMPSON NWT (FIT) STATION NAME — 57-66 YEARS — JUN MONTH

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 20000	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3
≥ 16000	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5
≥ 14000	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 12000	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 10000	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 9000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2
≥ 8000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6
≥ 7000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0
≥ 6000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6
≥ 5000	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3
≥ 4500	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3
≥ 4000	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 3500	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	93.2	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7
≥ 2000	94.6	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	94.7	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 1500	96.2	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 1200	96.6	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	97.5	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 900	97.6	98.3	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	97.8	98.5	98.6	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 700	97.9	98.6	98.7	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 600	98.1	98.8	98.9	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	98.1	98.9	99.1	99.2	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8
≥ 400	98.1	98.9	99.1	99.2	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	98.1	98.9	99.1	99.2	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	98.2	98.9	99.1	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	98.2	98.9	99.1	99.2	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	98.2	98.9	99.1	99.2	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

1 USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24211 STATION — FORT STEPHENSON NWT INLT STATION NAME — 57-66 YEARS — ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (G.M.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.7	51.1	51.1	51.2	51.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 20000	57.3	57.7	57.7	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1
≥ 18000	57.4	57.9	57.9	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3
≥ 16000	57.6	58.0	58.0	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4
≥ 14000	58.5	59.0	59.0	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4
≥ 12000	60.9	61.4	61.4	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8
≥ 10000	64.9	65.3	65.3	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7
≥ 9000	68.5	69.0	69.0	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4
≥ 8000	72.8	73.3	73.3	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 7000	73.8	74.3	74.4	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8
≥ 6000	75.6	76.1	76.1	76.2	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6
≥ 5000	81.2	81.7	81.7	81.8	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2
≥ 4500	82.1	82.6	82.7	82.8	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	85.9	86.5	86.5	86.6	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
≥ 3500	86.8	87.4	87.4	87.5	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9
≥ 3000	89.6	90.2	90.3	90.4	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8
≥ 2500	91.0	91.6	91.7	91.8	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	92.8	93.5	93.6	93.7	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2
≥ 1800	92.9	93.6	93.7	93.8	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3
≥ 1500	93.7	94.4	94.6	94.7	95.0	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4
≥ 1200	94.3	95.1	95.3	95.4	95.7	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 1000	95.3	96.2	96.4	96.7	97.0	97.0	97.3	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 900	95.6	96.7	97.0	97.2	97.5	97.5	97.9	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.3	98.3
≥ 800	96.0	97.2	97.4	97.7	98.0	98.1	98.4	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	96.0	97.3	97.6	97.9	98.2	98.2	98.6	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 600	96.2	97.6	97.9	98.2	98.5	98.5	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 500	96.3	97.8	98.0	98.4	98.7	98.8	99.2	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 400	96.3	97.8	98.1	98.5	98.8	98.8	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	96.4	97.9	98.1	98.5	98.8	98.9	99.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	96.4	97.9	98.2	98.6	98.9	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	96.4	97.9	98.2	98.6	98.9	98.9	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	96.4	97.9	98.2	98.6	98.9	98.9	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26210 STATION — FT. I SIMPSON, N.W.T. STATION NAME — 57-66 YEARS — APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	51.0	52.0	52.1	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.6	52.6	52.7	52.9
	56.8	57.2	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.9	57.9	58.-	58.1
≥ 18000 ≥ 16000	56.9	57.3	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	58.0	58.0	58.1	58.2
	57.1	57.5	57.6	57.7	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.2	58.2	58.2	58.4
≥ 14000 ≥ 12000	58.0	58.4	58.5	58.6	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	59.1	59.1	59.1	59.3
	59.8	60.2	60.4	60.5	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	61.0	61.0	61.0	61.2
≥ 10000 ≥ 9000	64.4	64.8	65.0	65.1	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.6	65.6	65.6	65.8
	68.6	69.1	69.2	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.7	69.7	69.8	69.8	69.9	70.1
≥ 8000 ≥ 7000	72.7	73.1	73.3	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.9	73.9	74.0	74.2
	75.7	76.2	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.9	76.9	77.-	77.2
≥ 6000 ≥ 5000	77.0	77.5	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.3	78.3	78.4	78.5
	80.8	80.9	81.1	81.2	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.7	81.7	81.8	81.9
≥ 4500 ≥ 4000	81.6	82.1	82.3	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.9	82.9	83.0	83.2
	85.3	85.9	86.1	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.7	86.7	86.8	87.0
≥ 3500 ≥ 3000	86.3	86.8	87.0	87.2	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.7	87.7	87.7	87.9
	88.2	88.8	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.7	89.7	89.7	89.9
≥ 2500 ≥ 2000	89.9	90.5	90.8	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.3	91.3	91.4	91.4	91.5	91.7
	91.9	92.6	92.8	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.6	93.6	93.7	93.9
≥ 1800 ≥ 1500	92.1	92.8	93.0	93.2	93.4	93.5	93.6	93.6	93.6	93.6	93.7	93.7	93.8	93.8	93.9	94.1
	93.9	94.6	94.9	95.1	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.7	95.7	95.8	95.9
≥ 1200 ≥ 1000	94.5	95.2	95.4	95.7	95.8	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.3	96.3	96.3	96.5
	96.0	96.8	97.1	97.4	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.1	98.2
≥ 900 800	96.1	96.9	97.2	97.5	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	98.1	98.1	98.1	98.3
	96.3	97.1	97.5	97.8	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.7
≥ 700 600	96.4	97.3	97.7	97.9	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.7	98.7	98.8	98.9
	96.5	97.4	97.8	98.1	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.8	98.8	98.9	99.0
≥ 500 400	96.7	97.6	98.0	98.2	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	99.0	99.0	99.1	99.3
	96.7	97.6	98.0	98.2	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.1	99.3
≥ 300 200	96.8	97.6	98.0	98.3	98.5	98.7	98.8	98.8	98.8	98.9	99.0	99.0	99.2	99.2	99.3	99.4
	96.8	97.7	98.1	98.4	98.6	98.7	98.9	98.9	98.9	99.0	99.1	99.1	99.3	99.3	99.5	99.7
≥ 100 0	96.8	97.7	98.1	98.4	98.6	98.7	98.9	98.9	98.9	99.0	99.1	99.1	99.3	99.3	99.6	99.8
	96.8	97.7	98.1	98.4	98.6	98.7	98.9	98.9	98.9	99.0	99.1	99.1	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744C

1 USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
SAC ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[redacted] STATION [redacted] STATION NAME 27-66 YEARS [redacted] MONTH

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.9	40.0	40.0	40.0	40.0	40.0	40.1	40.1	40.1	40.2	40.2	40.2	40.4	40.4	40.6	40.7
≥ 20000	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.4	44.4	44.6	44.7
≥ 18000	44.0	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.3	44.3	44.3	44.5	44.5	44.7	44.8
≥ 16000	44.4	44.5	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.6	44.6	44.6	44.8	44.8	45.0	45.1
≥ 14000	45.8	45.8	45.8	45.8	45.9	45.9	46.0	46.0	46.0	46.0	46.1	46.1	46.3	46.3	46.5	46.6
≥ 12000	47.7	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.9	47.9	47.9	48.1	48.2	48.4	48.5
≥ 10000	51.1	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.4	51.4	51.4	51.6	51.6	51.8	51.9
≥ 9000	55.1	55.2	55.2	55.2	55.2	55.2	55.4	55.3	55.3	55.4	55.4	55.4	55.6	55.6	55.8	55.9
≥ 8000	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	59.1	59.2	59.4	59.5
≥ 7000	61.8	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.1	62.1	62.1	62.3	62.4	62.6	62.7
≥ 6000	62.8	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.4	63.4	63.7	63.8
≥ 5000	67.4	67.3	67.3	67.3	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.8	67.8	68.1	68.2
≥ 4500	68.4	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.8	68.8	68.8	69.0	69.1	69.3	69.4
≥ 4000	72.1	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.8	72.8	73.0	73.1
≥ 3500	73.8	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.6	74.6	74.8	74.9
≥ 3000	76.9	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.4	77.5	77.5	77.7	77.7	78.0	78.1
≥ 2500	79.6	79.8	79.8	79.9	80.0	80.0	80.1	80.1	80.1	80.2	80.3	80.3	80.5	80.5	80.7	80.8
≥ 2000	82.7	83.0	83.0	83.1	83.3	83.3	83.4	83.4	83.4	83.6	83.6	83.6	83.8	83.9	84.1	84.2
≥ 1800	83.2	83.5	83.5	83.6	83.9	83.9	84.0	84.0	84.0	84.2	84.2	84.2	84.4	84.4	84.7	84.8
≥ 1500	85.4	85.9	86.0	86.1	86.4	86.4	86.6	86.6	86.6	86.8	86.8	86.8	87.0	87.1	87.3	87.4
≥ 1200	87.2	87.8	87.8	88.0	88.3	88.3	88.6	88.6	88.6	88.8	88.8	88.8	89.1	89.1	89.3	89.4
≥ 1000	89.2	90.4	90.5	90.5	91.2	91.2	91.5	91.5	91.5	91.7	91.8	91.8	92.1	92.1	92.3	92.4
≥ 900	89.9	91.2	91.3	91.6	91.9	92.0	92.3	92.3	92.3	92.5	92.6	92.6	92.8	92.9	93.1	93.2
≥ 800	90.7	92.1	92.2	92.5	93.0	93.0	93.3	93.4	93.4	93.6	93.7	93.7	93.9	93.9	94.2	94.3
≥ 700	91.4	92.9	93.1	93.4	93.8	93.9	94.2	94.3	94.3	94.5	94.6	94.6	94.8	94.8	95.1	95.2
≥ 600	91.8	93.4	93.7	94.0	94.5	94.5	94.9	95.0	95.0	95.2	95.3	95.3	95.5	95.5	95.8	95.9
≥ 500	92.5	94.3	94.6	95.0	95.5	95.6	96.0	96.1	96.1	96.4	96.5	96.5	96.7	96.8	97.0	97.1
≥ 400	92.9	94.8	95.0	95.5	96.1	96.2	96.6	96.7	96.7	97.0	97.1	97.1	97.4	97.4	97.7	97.8
≥ 300	93.0	95.0	95.3	95.8	96.5	96.5	97.1	97.2	97.2	97.7	97.8	97.8	98.1	98.1	98.3	98.5
≥ 200	93.2	95.2	95.5	96.0	96.8	96.8	97.5	97.7	97.7	98.2	98.3	98.3	98.6	98.6	99.0	99.2
≥ 100	93.2	95.2	95.5	96.0	96.8	96.8	97.5	97.7	97.7	98.3	98.4	98.4	98.9	99.0	99.3	99.5
0	93.2	95.2	95.5	96.0	96.8	96.8	97.5	97.7	97.7	98.3	98.4	98.4	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM JUL 64 0 14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20216 — FT SIMPSON NWT (AUT) — 57-66 — CT

STATION — STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	36.7	36.8	36.9	36.9	37.0	37.0	37.0	37.1	37.1	37.3	37.4	37.4	37.5	37.5	37.7	38.1
	39.5	39.7	39.7	39.8	39.9	39.9	39.9	40.0	40.0	40.1	40.2	40.2	40.4	40.4	40.6	40.9
≥ 18000 ≥ 16000	39.6	39.8	39.8	39.9	40.0	40.0	40.0	40.1	40.1	40.2	40.3	40.3	40.5	40.5	40.7	41.0
	39.7	39.9	39.9	40.0	40.1	40.1	40.1	40.2	40.2	40.3	40.4	40.4	40.6	40.6	41.0	41.1
≥ 14000 ≥ 12000	40.7	40.9	40.9	41.0	41.1	41.1	41.1	41.2	41.2	41.3	41.4	41.4	41.6	41.6	42.0	42.1
	42.1	42.2	42.3	42.4	42.4	42.5	42.5	42.6	42.6	42.7	42.8	42.8	43.0	43.0	43.3	43.5
≥ 10000 ≥ 9000	45.4	45.6	45.6	45.7	45.8	45.9	45.9	46.0	46.0	46.2	46.2	46.2	46.4	46.4	46.8	46.9
	47.4	47.6	47.6	47.7	47.9	47.9	48.0	48.0	48.0	48.2	48.3	48.3	48.5	48.5	48.9	49.0
≥ 8000 ≥ 7000	50.1	50.4	50.4	50.5	50.7	50.7	50.8	50.8	50.8	51.0	51.1	51.1	51.3	51.3	51.7	51.9
	52.7	53.0	53.0	53.1	53.3	53.3	53.4	53.5	53.5	53.7	53.7	53.7	53.9	53.9	54.3	54.5
≥ 6000 ≥ 5000	53.2	53.6	53.6	53.8	53.9	53.9	54.0	54.1	54.1	54.3	54.3	54.3	54.5	54.5	54.9	55.1
	55.4	55.8	55.8	56.0	56.1	56.2	56.4	56.5	56.5	56.7	56.7	56.7	56.9	56.9	57.3	57.5
≥ 4500 ≥ 4000	56.1	56.5	56.6	56.8	56.9	57.0	57.1	57.2	57.2	57.4	57.5	57.5	57.6	57.7	58.1	58.2
	58.3	58.8	58.9	59.2	59.4	59.4	59.6	59.7	59.7	59.9	60.0	60.0	60.1	60.2	60.6	60.7
≥ 3500 ≥ 3000	59.4	59.9	60.1	60.4	60.6	60.6	60.6	60.9	60.9	61.1	61.2	61.2	61.4	61.4	61.8	62.0
	62.4	63.0	63.3	63.6	64.0	64.0	64.2	64.4	64.4	64.7	64.8	64.8	65.0	65.0	65.4	65.6
≥ 2500 ≥ 2000	65.1	65.7	66.1	66.4	66.8	66.9	67.1	67.2	67.2	67.6	67.7	67.7	67.9	67.9	68.3	68.5
	68.2	69.1	69.5	69.9	70.5	70.6	70.9	71.1	71.1	71.6	71.7	71.7	71.9	71.9	72.4	72.5
≥ 1800 ≥ 1500	68.6	69.5	69.9	70.3	70.9	71.0	71.4	71.6	71.6	72.1	72.2	72.2	72.4	72.5	72.9	73.0
	72.4	73.4	73.9	74.5	75.2	75.3	75.8	76.2	76.2	76.8	76.9	76.9	77.2	77.2	77.6	77.7
≥ 1200 ≥ 1000	75.2	76.4	77.0	77.6	78.5	78.6	79.1	79.6	79.6	80.3	80.5	80.5	80.7	80.7	81.2	81.3
	78.7	80.1	80.8	81.5	82.4	82.5	83.2	83.8	83.8	84.9	85.3	85.3	85.6	85.6	86.0	86.1
≥ 900 ≥ 800	79.4	80.9	81.6	82.3	83.2	83.3	84.0	84.6	84.6	85.8	86.2	86.2	86.5	86.5	86.9	87.0
	80.5	82.1	82.8	83.6	84.6	84.7	85.6	86.2	86.2	87.5	88.0	88.0	88.4	88.4	88.8	89.0
≥ 700 ≥ 600	81.7	83.4	84.2	84.9	86.0	86.1	87.0	87.6	87.6	88.9	89.5	89.5	90.0	90.0	90.4	90.6
	82.5	84.3	85.0	85.8	86.9	87.0	88.0	88.6	88.6	90.0	90.7	90.7	91.2	91.3	91.7	91.9
≥ 500 ≥ 400	83.0	85.5	86.3	87.1	88.2	88.3	89.4	90.0	90.0	91.5	92.2	92.2	92.9	93.0	93.5	93.7
	84.5	86.5	87.4	88.2	89.4	89.5	90.7	91.3	91.4	92.9	93.7	93.7	94.5	94.6	95.1	95.3
≥ 300 ≥ 200	85.0	87.2	88.2	89.1	90.5	90.6	91.8	92.5	92.5	94.2	95.0	95.1	96.1	96.2	96.8	96.9
	85.3	87.5	88.6	89.6	91.1	91.2	92.0	93.3	93.3	95.6	96.4	96.4	97.6	97.8	98.6	98.9
≥ 100 0	85.3	87.6	88.6	89.6	91.2	91.3	92.7	93.4	93.4	95.7	96.8	96.8	98.2	98.3	99.3	99.6
	85.3	87.6	88.6	89.6	91.2	91.3	92.7	93.4	93.4	95.7	96.8	96.8	98.3	98.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

ATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION [redacted] STATION NAME 57-66 YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.1	42.6	42.8	42.9	43.0	43.0	43.1	43.1	43.1	43.4	43.5	43.5	43.7	43.7	43.8	43.8
≥ 20000	44.5	45.1	45.3	45.5	45.6	45.6	45.7	45.7	45.7	46.1	46.1	46.2	46.4	46.4	46.4	46.4
≥ 18000	44.6	45.3	45.5	45.6	45.8	45.8	45.9	45.9	45.9	46.3	46.3	46.3	46.6	46.6	46.6	46.6
≥ 16000	44.8	45.4	45.6	45.8	45.9	45.9	46.0	46.1	46.1	46.4	46.5	46.5	46.7	46.7	46.8	46.8
≥ 14000	45.1	45.8	46.0	46.1	46.3	46.3	46.4	46.4	46.4	46.8	46.8	46.9	47.1	47.1	47.1	47.1
≥ 12000	46.0	46.8	47.0	47.1	47.3	47.3	47.5	47.5	47.5	47.9	47.9	48.1	48.2	48.2	48.2	48.2
≥ 10000	48.5	49.4	49.6	49.8	50.1	50.1	50.5	50.5	50.5	50.9	50.9	51.0	51.2	51.2	51.2	51.2
≥ 9000	50.8	52.0	52.3	52.6	52.9	53.0	53.3	53.4	53.4	53.8	53.8	53.9	54.1	54.1	54.1	54.1
≥ 8000	53.7	55.0	55.4	55.8	56.1	56.1	56.6	56.7	56.7	57.0	57.1	57.1	57.3	57.3	57.4	57.4
≥ 7000	56.9	58.5	58.9	59.3	59.7	59.7	60.3	60.4	60.4	60.8	60.9	60.9	61.1	61.1	61.2	61.2
≥ 6000	57.6	59.3	59.7	60.1	60.5	60.6	61.1	61.2	61.2	61.6	61.7	61.7	61.9	61.9	62.0	62.0
≥ 5000	59.7	61.5	62.0	62.4	62.8	62.9	63.4	63.6	63.6	64.0	64.1	64.1	64.3	64.3	64.4	64.4
≥ 4500	60.3	62.2	62.6	63.1	63.5	63.6	64.1	64.3	64.3	64.7	64.8	64.8	65.1	65.1	65.1	65.1
≥ 4000	62.2	64.3	64.9	65.4	66.0	66.0	66.7	66.9	66.9	67.4	67.5	67.5	67.7	67.7	67.8	67.8
≥ 3500	63.3	65.5	66.0	66.6	67.2	67.3	67.9	68.1	68.1	68.7	68.8	68.8	69.0	69.0	69.1	69.1
≥ 3000	65.4	67.9	68.6	69.2	70.1	70.1	70.9	71.2	71.2	71.8	72.0	72.0	72.2	72.2	72.3	72.3
≥ 2500	66.9	69.6	70.3	71.0	72.1	72.2	73.2	73.7	73.7	74.4	74.6	74.6	74.8	74.8	74.9	74.9
≥ 2000	69.0	72.4	73.3	74.2	75.6	75.7	76.9	77.5	77.6	78.6	78.9	78.9	79.2	79.2	79.3	79.3
≥ 1800	70.1	73.1	74.0	74.9	76.4	76.4	77.7	78.3	78.3	79.4	79.7	79.7	80.0	80.0	80.1	80.1
≥ 1500	72.2	75.5	76.5	77.4	79.1	79.2	80.6	81.5	81.5	82.7	83.2	83.2	83.6	83.6	83.6	83.7
≥ 1200	74.4	77.8	78.9	79.9	81.7	81.8	83.3	84.3	84.3	85.7	86.2	86.3	86.7	86.7	86.8	86.8
≥ 1000	77.0	80.8	82.0	83.1	85.0	85.1	86.8	87.9	87.9	90.1	90.9	90.9	91.5	91.5	91.5	91.6
≥ 900	77.5	81.4	82.5	83.7	85.6	85.7	87.4	88.5	88.6	90.9	91.7	91.7	92.3	92.3	92.4	92.4
≥ 800	78.2	82.0	83.2	84.3	86.2	86.4	88.2	89.3	89.3	91.7	92.6	92.6	93.3	93.3	93.3	93.3
≥ 700	78.9	82.8	83.9	85.1	87.1	87.2	89.0	90.1	90.1	92.5	93.4	93.5	94.2	94.2	94.3	94.3
≥ 600	79.7	83.6	84.8	85.9	87.9	88.1	89.8	91.0	91.0	93.5	94.4	94.5	95.2	95.2	95.3	95.4
≥ 500	80.4	84.4	85.6	86.8	88.8	89.0	90.8	91.9	91.9	94.4	95.4	95.5	96.4	96.4	96.6	96.6
≥ 400	81.3	85.3	86.6	87.8	89.9	90.0	91.8	93.0	93.0	95.5	96.5	96.6	97.6	97.6	97.9	97.9
≥ 300	81.6	85.8	87.1	88.3	90.5	90.6	92.5	93.6	93.7	96.3	97.3	97.4	98.4	98.5	98.8	98.8
≥ 200	81.9	86.2	87.5	88.7	91.0	91.1	93.0	94.2	94.3	96.9	98.0	98.2	99.2	99.3	99.6	99.6
≥ 100	81.9	86.2	87.5	88.8	91.0	91.1	93.1	94.3	94.3	97.0	98.1	98.3	99.4	99.4	99.6	99.9
≥ 0	81.9	86.2	87.5	88.8	91.0	91.1	93.1	94.3	94.3	97.1	98.1	98.3	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

SOUTH — FT STEPHEN WEST HUT (STATION NAME) — 57-66 (YEARS) — DEC (MONTH)

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.9	44.3	44.4	44.5	44.6	44.7	44.8	44.9	44.9	45.3	45.4	45.4	45.7	45.7	45.8	45.9
≥ 20000	46.0	46.4	46.5	46.6	46.8	46.9	47.1	47.1	47.1	47.6	47.8	47.7	47.9	47.9	48.0	48.0
≥ 18000	46.0	46.5	46.8	46.7	46.9	46.9	47.1	47.2	47.2	47.6	47.7	47.7	47.9	47.9	48.0	48.0
≥ 16000	46.1	46.5	46.7	46.8	47.0	47.0	47.2	47.3	47.3	47.7	47.8	47.8	48.0	48.1	48.1	48.1
≥ 14000	46.8	47.3	47.4	47.5	47.7	47.8	47.9	48.0	48.0	48.4	48.5	48.5	48.8	48.8	48.9	48.9
≥ 12000	47.8	48.3	48.5	48.5	48.8	48.8	49.0	49.1	49.1	49.5	49.6	49.6	49.9	49.9	49.9	49.9
≥ 10000	50.9	51.6	51.7	51.8	52.2	52.3	52.5	52.6	52.6	53.1	53.2	53.2	53.4	53.5	53.5	53.5
≥ 9000	52.9	53.7	53.9	54.0	54.4	54.5	54.8	54.9	54.9	55.4	55.5	55.6	55.8	55.8	55.9	55.9
≥ 8000	57.1	58.3	58.5	58.7	59.3	59.4	59.8	59.9	59.9	60.4	60.5	60.5	60.8	60.8	60.8	60.8
≥ 7000	60.7	62.0	62.3	62.5	63.2	63.4	63.8	64.0	64.0	64.5	64.6	64.6	64.8	64.9	64.9	64.9
≥ 6000	61.6	62.9	63.2	63.4	64.1	64.2	64.6	64.8	64.8	65.4	65.5	65.5	65.7	65.7	65.8	65.8
≥ 5000	64.6	66.1	66.4	66.7	67.5	67.7	68.1	68.3	68.3	68.9	69.0	69.0	69.3	69.3	69.4	69.4
≥ 4500	65.2	66.7	67.1	67.4	68.1	68.3	68.8	69.0	69.0	69.5	69.7	69.7	69.9	69.9	70.0	70.0
≥ 4000	67.5	69.2	69.6	70.0	71.0	71.2	71.9	72.2	72.2	72.8	72.9	72.9	73.2	73.2	73.3	73.3
≥ 3500	68.8	70.6	71.0	71.4	72.5	72.6	73.4	73.7	73.7	74.3	74.4	74.4	74.7	74.7	74.8	74.8
≥ 3000	70.8	72.9	73.4	73.9	75.3	75.5	76.2	76.8	76.8	77.5	77.6	77.6	77.9	77.9	78.0	78.0
≥ 2500	72.5	74.8	75.4	76.0	77.5	77.7	78.8	79.5	79.5	80.4	80.6	80.6	80.8	80.9	80.9	80.9
≥ 2000	74.5	77.2	78.0	78.7	80.5	80.7	82.2	83.0	83.0	84.2	84.4	84.4	84.7	84.7	84.8	84.8
≥ 1800	75.1	77.8	78.6	79.3	81.2	81.4	82.8	83.7	83.7	84.9	85.2	85.2	85.4	85.5	85.5	85.5
≥ 1500	76.5	77.4	80.3	81.0	83.0	83.3	85.0	86.3	86.3	87.7	88.2	88.2	88.5	88.5	88.6	88.6
≥ 1200	78.1	81.2	82.1	82.9	85.0	85.2	87.0	88.4	88.4	89.9	90.5	90.5	90.8	90.8	90.9	90.9
≥ 1000	80.6	84.0	84.9	85.7	87.9	88.2	90.1	91.7	91.7	93.8	94.5	94.6	95.0	95.0	95.1	95.1
≥ 900	81.0	84.3	85.3	86.1	88.3	88.5	90.5	92.1	92.1	94.2	95.0	95.0	95.4	95.5	95.5	95.5
≥ 800	81.0	85.0	85.9	86.8	89.0	89.2	91.2	92.8	92.8	95.0	95.9	95.9	96.4	96.4	96.5	96.5
≥ 700	82.5	85.9	86.8	87.8	90.0	90.2	92.2	93.8	93.9	96.1	97.0	97.0	97.5	97.6	97.6	97.6
≥ 600	82.7	86.2	87.2	88.1	90.4	90.6	92.6	94.2	94.2	96.5	97.4	97.4	98.0	98.0	98.1	98.1
≥ 500	83.1	86.6	87.6	88.6	90.9	91.1	93.1	94.7	94.8	97.1	98.2	98.2	98.8	98.9	99.0	99.0
≥ 400	83.3	86.8	87.8	88.8	91.1	91.3	93.4	95.0	95.0	97.3	98.4	98.5	99.1	99.2	99.2	99.2
≥ 300	83.4	86.9	87.9	88.9	91.2	91.4	93.5	95.2	95.2	97.5	98.7	98.7	99.4	99.5	99.5	99.5
≥ 200	83.4	87.0	88.0	89.0	91.3	91.5	93.6	95.3	95.3	97.7	98.9	98.9	99.6	99.7	99.7	99.7
≥ 100	83.4	87.0	88.0	89.0	91.3	91.5	93.7	95.3	95.3	97.7	99.0	99.0	99.8	99.8	99.9	99.9
≥ 0	83.4	87.0	88.0	89.0	91.3	91.5	93.7	95.3	95.3	97.7	99.0	99.0	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION — FORT SIMPSON NWT, DEF STATION NAME — 57-66 YEARS — [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.9	51.5	51.5	51.7	51.8	51.8	52.0	52.2	52.2	53.1	53.3	53.3	53.8	53.8	53.8	54.0
≥ 20000	51.1	51.7	51.7	51.9	52.0	52.0	52.3	52.4	52.4	53.3	53.5	53.5	54.0	54.0	54.0	54.2
≥ 18000	51.1	51.7	51.7	51.9	52.0	52.0	52.3	52.4	52.4	53.3	53.5	53.5	54.0	54.0	54.0	54.2
≥ 16000	51.1	51.7	51.7	51.9	52.0	52.0	52.3	52.4	52.4	53.3	53.5	53.5	54.0	54.0	54.0	54.2
≥ 14000	51.2	51.8	51.8	52.0	52.2	52.2	52.4	52.5	52.5	53.4	53.7	53.7	54.1	54.1	54.1	54.3
≥ 12000	51.4	52.0	52.0	52.3	52.4	52.4	52.6	52.7	52.7	53.7	53.9	53.9	54.3	54.3	54.3	54.5
≥ 10000	54.1	54.6	54.8	55.3	55.5	55.5	55.7	55.8	55.8	56.8	57.0	57.1	57.4	57.4	57.4	57.6
≥ 9000	55.7	56.5	56.5	57.1	57.3	57.3	57.5	57.6	57.6	58.8	59.0	59.0	59.5	59.5	59.5	59.7
≥ 8000	59.1	60.0	60.0	60.6	61.1	61.1	61.3	61.4	61.4	62.6	62.8	62.8	63.2	63.2	63.2	63.4
≥ 7000	63.5	64.5	64.5	65.3	65.8	65.8	66.0	66.1	66.1	67.3	67.5	67.5	68.0	68.0	68.0	68.2
≥ 6000	65.1	66.1	66.1	66.9	67.4	67.4	67.6	67.7	67.7	68.9	69.1	69.1	69.6	69.6	69.6	69.8
≥ 5000	66.3	67.6	67.7	70.5	71.3	71.3	71.7	71.8	71.8	73.0	73.4	73.2	73.7	73.7	73.7	73.9
≥ 4500	66.8	70.1	70.2	71.1	71.8	71.8	72.3	72.4	72.4	73.5	73.8	73.8	74.2	74.2	74.2	74.4
≥ 4000	71.4	72.9	73.0	74.1	74.8	74.8	75.3	75.4	75.4	76.6	76.8	76.8	77.2	77.2	77.2	77.4
≥ 3500	71.7	74.2	73.3	74.4	75.2	75.2	75.6	75.8	75.8	77.0	77.2	77.2	77.6	77.6	77.6	77.8
≥ 3000	74.7	76.5	77.1	78.4	79.4	79.4	79.9	80.1	80.1	81.3	81.5	81.5	81.9	81.9	81.9	82.2
≥ 2500	77.0	79.4	80.2	81.7	82.8	82.8	83.7	83.9	83.9	85.1	85.3	85.3	85.7	85.7	85.7	85.9
≥ 2000	78.9	80.9	81.7	83.3	84.5	84.5	85.9	86.5	86.5	87.6	87.8	87.8	88.3	88.3	88.3	88.5
≥ 1800	79.4	81.3	82.2	83.8	85.1	85.1	86.0	87.2	87.2	88.4	88.6	88.6	89.0	89.0	89.0	89.2
≥ 1500	80.2	82.2	83.0	84.6	85.9	85.9	87.7	88.5	88.5	89.9	90.1	90.1	90.5	90.5	90.5	90.8
≥ 1200	81.6	83.7	84.5	86.1	87.4	87.4	89.4	90.1	90.1	91.6	91.8	91.8	92.3	92.3	92.3	92.5
≥ 1000	83.5	85.8	86.7	88.3	89.6	89.6	91.6	92.4	92.4	94.3	94.5	94.5	95.1	95.1	95.1	95.3
≥ 900	84.0	86.2	87.2	88.8	90.1	90.1	92.2	92.9	92.9	94.9	95.3	95.3	95.8	95.8	95.8	96.0
≥ 800	84.2	86.8	87.7	89.4	90.8	90.6	92.7	93.4	93.4	95.6	96.0	96.0	96.6	96.6	96.6	96.8
≥ 700	85.4	87.6	88.6	90.2	91.5	91.5	93.5	94.3	94.3	96.5	96.9	97.0	97.5	97.5	97.5	97.7
≥ 600	86.1	88.4	89.4	91.0	92.3	92.3	94.3	95.1	95.1	97.2	97.6	97.7	98.3	98.3	98.3	98.5
≥ 500	89.2	88.5	89.5	91.1	92.5	92.5	94.7	95.5	95.5	97.6	98.1	98.2	99.0	99.0	99.0	99.2
≥ 400	86.6	88.8	89.8	91.4	92.8	92.8	95.1	95.8	95.8	98.0	98.4	98.5	99.4	99.4	99.4	99.6
≥ 300	90.7	89.9	89.9	91.5	92.9	92.9	95.2	95.9	95.9	98.1	98.5	98.6	99.5	99.5	99.5	99.7
≥ 200	86.7	89.1	90.1	91.7	93.1	93.1	95.4	96.1	96.1	98.3	98.7	98.8	99.7	99.7	99.7	99.9
≥ 100	86.7	89.1	90.1	91.7	93.1	93.1	95.5	96.2	96.2	98.4	98.8	98.9	99.8	99.8	99.8	100.0
0	86.7	89.1	90.1	91.7	93.1	93.1	95.5	96.2	96.2	98.4	98.8	98.9	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 936

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION [illegible] STATION NAME [illegible] 57-66 YEARS JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] 0300-0500 (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	49.0	50.1	50.3	50.8	50.8	50.8	50.9	51.2	51.2	52.0	52.0	52.1	52.5	52.5	52.5	52.9
	[illegible]	50.3	50.5	51.0	51.0	51.0	51.1	51.4	51.4	52.3	52.3	52.3	52.7	52.7	52.7	53.0
≥ 18000 ≥ 16000	49.2	50.3	50.5	51.0	51.0	51.0	51.1	51.4	51.4	52.3	52.3	52.3	52.7	52.7	52.7	53.0
	[illegible]	50.3	50.5	51.0	51.0	51.0	51.1	51.4	51.4	52.3	52.3	52.3	52.7	52.7	52.7	53.0
≥ 14000 ≥ 12000	49.6	50.6	50.9	51.3	51.3	51.3	51.4	51.7	51.7	52.6	52.6	52.6	53.0	53.0	53.0	53.3
	49.7	50.8	51.0	51.4	51.4	51.4	51.5	51.8	51.8	52.7	52.7	52.7	53.1	53.1	53.1	53.4
≥ 10000 ≥ 9000	52.0	53.1	53.3	54.1	54.1	54.1	54.2	54.5	54.5	55.5	55.5	55.5	55.9	55.9	55.9	56.2
	53.4	54.5	54.7	55.5	55.6	55.6	55.7	56.0	56.0	57.1	57.1	57.1	57.6	57.6	57.6	58.0
≥ 8000 ≥ 7000	56.0	57.1	57.3	58.1	58.2	58.2	58.3	58.6	58.6	59.8	59.8	59.8	60.3	60.3	60.3	60.6
	59.6	60.9	61.5	62.4	62.5	62.5	62.6	62.9	62.9	64.2	64.2	64.2	64.7	64.7	64.7	65.1
≥ 6000 ≥ 5000	60.5	61.8	62.5	63.5	63.7	63.7	64.0	64.3	64.3	65.7	65.7	65.7	66.2	66.2	66.2	66.6
	64.1	65.5	66.2	67.7	68.0	68.0	68.7	69.0	69.0	70.4	70.4	70.4	71.0	71.0	71.0	71.3
≥ 4500 ≥ 4000	65.1	66.6	67.3	68.8	69.0	69.0	69.8	70.1	70.1	71.5	71.5	71.5	72.0	72.0	72.0	72.4
	67.3	68.9	69.8	71.5	71.8	71.8	72.0	72.9	72.9	74.3	74.3	74.3	74.8	74.8	74.8	75.2
≥ 3500 ≥ 3000	68.3	69.9	70.8	72.5	72.9	72.9	73.8	74.1	74.1	75.5	75.5	75.5	76.0	76.0	76.0	76.3
	71.1	72.7	73.5	75.6	76.1	76.1	77.2	77.6	77.6	79.2	79.4	79.4	79.9	79.9	79.9	80.2
≥ 2500 ≥ 2000	73.7	75.4	76.3	78.5	79.1	79.1	80.3	80.8	80.8	82.4	82.5	82.5	83.1	83.1	83.1	83.4
	75.5	77.2	78.7	80.9	81.6	81.6	83.4	84.3	84.3	86.0	86.1	86.1	86.8	86.8	86.8	87.1
≥ 1800 ≥ 1500	75.9	77.6	79.1	81.3	82.2	82.2	84.0	84.8	84.8	86.6	86.7	86.7	87.3	87.3	87.3	87.6
	77.0	78.7	80.2	82.5	83.4	83.4	85.2	86.2	86.2	88.5	88.6	88.6	89.2	89.2	89.2	89.6
≥ 1200 ≥ 1000	78.2	80.0	81.5	83.8	84.8	84.8	87.1	88.1	88.1	90.0	90.1	90.1	90.8	90.8	90.8	91.1
	79.9	81.8	83.3	85.6	86.7	86.7	89.1	90.1	90.1	93.3	93.4	93.4	94.2	94.2	94.2	94.5
≥ 900 ≥ 800	80.4	82.4	83.9	86.1	87.2	87.2	89.7	90.9	90.9	94.1	94.3	94.3	95.1	95.1	95.1	95.4
	81.1	83.1	84.6	86.9	88.0	88.0	90.4	91.6	91.6	94.8	95.3	95.3	96.0	96.0	96.0	96.3
≥ 700 ≥ 600	81.6	83.7	85.2	87.4	88.5	88.5	91.0	92.2	92.2	95.5	95.9	95.9	96.7	96.7	96.7	97.0
	82.4	84.4	85.9	88.2	89.2	89.2	91.7	92.9	92.9	96.2	96.7	96.7	97.5	97.5	97.5	97.8
≥ 500 ≥ 400	82.4	84.4	85.9	88.2	89.2	89.2	91.7	92.9	92.9	96.2	96.7	96.7	97.6	97.6	97.6	98.0
	82.8	84.8	86.3	88.6	89.8	89.8	92.4	93.5	93.5	96.9	97.3	97.3	98.4	98.4	98.4	98.7
≥ 300 ≥ 200	83.0	85.2	86.7	88.9	90.1	90.1	92.7	93.9	93.9	97.2	97.6	97.6	98.7	98.7	98.7	99.0
	83.0	85.6	87.1	89.4	90.5	90.5	93.1	94.3	94.3	97.6	98.1	98.1	99.2	99.2	99.2	99.6
≥ 100 ≥ 0	83.2	85.8	87.3	89.6	90.8	90.8	93.4	94.6	94.6	98.0	98.4	98.4	99.6	99.6	99.6	99.9
	83.2	85.8	87.3	89.6	90.8	90.8	93.4	94.6	94.6	98.0	98.4	98.4	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible] 240

1

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 DATA PROCESSING DIVISION
2 USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION [redacted] STATION NAME [redacted] YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] 0000-0500

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.9	47.7	48.1	48.2	48.5	48.5	49.4	49.5	49.5	50.2	50.2	50.2	50.5	50.5	50.6	50.7
	47.4	48.3	48.6	48.7	49.0	49.0	49.9	50.0	50.0	50.8	50.8	50.8	51.1	51.1	51.2	51.4
≥ 18000 ≥ 16000	47.4	48.3	48.6	48.7	49.0	49.0	49.9	50.0	50.0	50.8	50.8	50.9	51.1	51.1	51.2	51.4
	47.4	48.3	48.6	48.7	49.0	49.0	49.9	50.0	50.0	50.8	50.8	50.8	51.1	51.1	51.2	51.4
≥ 14000 ≥ 12000	47.4	48.3	48.6	48.7	49.0	49.0	49.9	50.0	50.0	50.8	50.8	50.8	51.1	51.1	51.2	51.4
	47.4	48.3	48.6	48.7	49.0	49.0	49.9	50.0	50.0	50.8	50.8	50.8	51.1	51.1	51.2	51.4
≥ 10000 ≥ 9000	49.4	50.4	51.0	51.2	51.6	51.6	52.5	52.6	52.6	53.5	53.5	53.5	53.9	53.9	54.0	54.2
	51.7	52.8	53.4	53.7	54.1	54.1	54.9	55.1	55.1	56.0	56.0	56.0	56.3	56.3	56.5	56.7
≥ 8000 ≥ 7000	54.7	55.8	56.5	56.7	57.1	57.1	58.0	58.1	58.1	59.0	59.0	59.0	59.4	59.4	59.5	59.7
	57.6	59.1	60.0	60.4	60.9	60.9	61.7	61.8	61.8	62.8	62.8	62.8	63.1	63.1	63.2	63.4
≥ 6000 ≥ 5000	59.1	60.6	61.6	62.0	62.6	62.6	63.5	63.7	63.7	64.6	64.6	64.6	64.9	64.9	65.1	65.3
	62.6	64.4	65.4	65.9	66.5	66.5	68.0	68.1	68.1	69.0	69.0	69.0	69.4	69.4	69.5	69.7
≥ 4500 ≥ 4000	63.5	65.5	66.5	67.0	67.5	67.5	69.1	69.2	69.2	70.2	70.2	70.2	70.5	70.5	70.6	70.9
	67.0	69.1	70.3	71.1	71.7	71.7	73.3	73.4	73.4	74.4	74.4	74.4	74.7	74.8	74.9	75.2
≥ 3500 ≥ 3000	67.5	69.9	71.1	71.9	72.6	72.6	74.2	74.3	74.3	75.3	75.3	75.3	75.6	75.7	75.8	76.0
	70.8	73.3	74.5	75.5	76.2	76.2	78.2	78.7	78.7	79.8	79.8	79.8	80.1	80.2	80.3	80.5
≥ 2500 ≥ 2000	73.5	76.1	77.3	78.3	79.1	79.1	81.2	81.8	81.8	82.9	82.9	82.9	83.2	83.3	83.4	83.7
	75.9	78.9	80.1	81.1	82.0	82.0	84.3	85.2	85.2	86.5	86.5	86.5	86.8	86.9	87.0	87.2
≥ 1800 ≥ 1500	76.5	79.5	80.6	81.6	82.6	82.6	84.8	85.7	85.7	87.0	87.0	87.0	87.3	87.4	87.5	87.7
	78.2	81.2	82.4	83.3	84.3	84.3	86.9	87.8	87.8	89.4	89.4	89.4	89.7	89.8	89.9	90.1
≥ 1200 ≥ 1000	79.8	82.9	84.1	85.1	86.0	86.0	88.7	89.7	89.7	91.4	91.4	91.4	91.7	91.8	91.9	92.2
	81.0	84.1	85.4	86.3	87.3	87.3	90.0	91.0	91.0	93.5	93.7	93.7	94.2	94.3	94.4	94.5
≥ 900 ≥ 800	81.2	84.3	85.6	86.6	87.5	87.5	90.2	91.2	91.2	93.8	93.9	93.9	94.4	94.5	94.6	94.8
	81.9	84.7	86.0	87.0	88.0	88.0	90.6	91.6	91.6	94.2	94.5	94.5	95.2	95.3	95.4	95.6
≥ 700 ≥ 600	82.0	85.2	86.5	87.4	88.4	88.4	91.1	92.0	92.0	94.6	94.9	95.1	95.7	95.8	95.9	96.1
	82.4	86.1	87.4	88.4	89.4	89.4	92.0	93.0	93.0	95.6	95.9	96.0	96.6	96.9	97.0	97.2
≥ 500 ≥ 400	82.4	86.5	87.7	88.7	89.8	89.8	92.6	93.5	93.5	96.2	96.6	96.7	97.7	98.0	98.1	98.3
	82.4	86.5	87.7	88.9	90.0	90.0	92.8	93.8	93.8	96.5	96.8	96.9	98.0	98.2	98.3	98.5
≥ 300 ≥ 200	82.7	86.9	88.2	89.4	90.4	90.4	93.2	94.2	94.2	96.9	97.3	97.4	98.5	98.7	98.8	99.0
	83.0	87.2	88.5	89.7	90.9	90.9	93.8	94.7	94.7	97.4	97.8	98.0	99.2	99.5	99.6	99.8
≥ 100 0	83.0	87.2	88.5	89.7	91.0	91.0	93.9	94.8	94.8	97.5	98.0	98.1	99.4	99.6	99.8	100.0
	83.0	87.2	88.5	89.7	91.0	91.0	93.9	94.8	94.8	97.5	98.0	98.1	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2621.2 STATION — FORT SIMPSON N.W.T. DOT STATION NAME — 57-66 YEARS — JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100 HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.0	41.6	42.4	43.0	43.7	43.7	44.1	44.4	44.4	44.7	45.3	45.3	45.6	45.6	45.6	45.6
≥ 20000	44.0	45.6	46.3	47.0	47.7	47.7	48.2	48.5	48.5	48.8	49.4	49.4	49.7	49.7	49.7	49.7
≥ 18000	44.0	45.6	46.3	47.0	47.7	47.7	48.2	48.5	48.5	48.8	49.4	49.4	49.7	49.7	49.7	49.7
≥ 16000	44.1	45.7	46.5	47.1	47.8	47.8	48.3	48.6	48.6	48.9	49.5	49.5	49.8	49.8	49.8	49.8
≥ 14000	44.9	46.6	47.3	48.0	48.7	48.7	49.1	49.5	49.5	49.8	50.3	50.3	50.6	50.6	50.6	50.6
≥ 12000	46.7	48.3	49.0	49.7	50.4	50.4	50.9	51.2	51.2	51.5	52.0	52.0	52.4	52.4	52.4	52.4
≥ 10000	50.3	52.4	53.2	53.9	54.6	54.6	55.2	55.6	55.6	55.9	56.5	56.5	56.8	56.8	56.8	56.8
≥ 9000	54.2	57.0	57.8	58.5	59.2	59.2	59.9	60.5	60.5	60.9	61.4	61.4	61.7	61.7	61.7	61.7
≥ 8000	58.8	62.0	63.0	63.7	64.4	64.4	65.1	65.7	65.7	66.0	66.6	66.6	67.0	67.0	67.0	67.0
≥ 7000	60.8	64.2	65.3	65.9	66.7	66.7	67.3	68.0	68.0	68.3	68.8	68.8	69.2	69.2	69.2	69.2
≥ 6000	61.0	64.4	65.5	66.2	67.0	67.0	67.6	68.3	68.3	68.6	69.1	69.1	69.6	69.6	69.6	69.6
≥ 5000	63.0	66.5	67.6	68.4	69.1	69.1	69.9	70.5	70.8	70.9	71.4	71.4	71.8	71.8	71.8	71.8
≥ 4500	63.8	67.2	68.6	69.4	70.1	70.1	71.1	71.7	71.7	72.0	72.6	72.6	73.0	73.0	73.0	73.0
≥ 4000	67.1	70.6	72.3	73.1	74.0	74.0	74.9	75.6	75.6	75.9	76.6	76.6	77.0	77.0	77.0	77.0
≥ 3500	67.5	71.1	72.7	73.9	74.9	74.9	75.9	76.6	76.6	76.9	77.5	77.5	78.0	78.0	78.0	78.0
≥ 3000	70.9	74.8	76.5	77.7	78.9	78.9	80.1	81.3	81.3	81.7	82.4	82.4	82.8	82.8	82.8	82.8
≥ 2500	73.1	77.4	79.1	80.4	82.0	82.0	83.4	84.7	84.7	85.2	85.8	85.8	86.2	86.2	86.2	86.2
≥ 2000	75.1	79.8	81.6	83.0	84.6	84.6	86.3	87.7	87.7	88.4	89.4	89.4	89.9	89.9	89.9	89.9
≥ 1800	75.4	80.1	81.9	83.3	84.9	84.9	86.8	88.2	88.2	88.8	89.8	89.9	90.3	90.3	90.3	90.3
≥ 1500	76.9	81.6	83.4	84.8	86.5	86.5	88.4	89.8	89.8	90.8	91.7	91.7	92.4	92.4	92.4	92.4
≥ 1200	77.5	82.5	84.3	85.7	87.3	87.3	89.2	90.6	90.6	91.7	92.7	92.7	93.3	93.3	93.3	93.3
≥ 1000	79.2	84.2	86.0	87.5	89.1	89.1	91.3	92.7	92.7	94.1	95.2	95.2	95.8	95.8	95.8	95.8
≥ 900	79.9	84.8	86.7	88.2	89.8	89.8	91.9	93.3	93.3	94.7	95.8	95.8	96.5	96.5	96.5	96.5
≥ 800	80.1	85.1	86.9	88.4	90.0	90.0	92.2	93.5	93.5	94.9	96.0	96.0	97.2	97.2	97.2	97.2
≥ 700	80.2	85.2	87.0	88.5	90.1	90.1	92.3	93.7	93.7	95.1	96.7	96.7	97.3	97.3	97.3	97.3
≥ 600	80.4	85.4	87.2	88.7	90.4	90.4	92.6	94.0	94.0	95.4	97.0	97.0	97.6	97.6	97.6	97.6
≥ 500	80.4	85.4	87.2	88.8	90.5	90.5	92.8	94.4	94.4	95.8	97.4	97.4	98.5	98.5	98.6	98.6
≥ 400	80.4	85.4	87.3	88.9	90.9	90.9	93.1	94.7	94.7	96.2	97.8	97.8	98.9	98.9	99.0	99.1
≥ 300	80.4	85.4	87.3	88.9	91.0	91.0	93.2	94.8	94.8	96.5	98.1	98.1	99.1	99.1	99.2	99.4
≥ 200	80.4	85.4	87.4	89.0	91.2	91.2	93.7	95.3	95.3	96.9	98.5	98.5	99.6	99.6	99.7	99.8
≥ 100	80.4	85.4	87.4	89.0	91.2	91.2	93.8	95.4	95.4	97.1	98.7	98.7	99.8	99.8	99.9	100.0
≥ 0	80.4	85.4	87.4	89.0	91.2	91.2	93.8	95.4	95.4	97.1	98.7	98.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

1

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] 57-64 YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.8	48.8	49.2	49.4	49.5	49.3	49.6	49.6	49.6	49.7	50.0	50.0	50.1	50.1	50.1	50.1
≥ 20000	51.3	53.3	53.8	53.9	54.1	54.1	54.2	54.2	54.2	54.3	54.7	54.7	54.9	54.9	54.9	54.9
≥ 18000	51.3	53.3	53.8	53.9	54.1	54.1	54.2	54.2	54.2	54.3	54.7	54.7	54.9	54.9	54.9	54.9
≥ 16000	51.5	53.5	54.0	54.1	54.3	54.3	54.4	54.4	54.4	54.5	54.9	54.9	55.2	55.2	55.2	55.2
≥ 14000	51.7	53.8	54.2	54.3	54.5	54.5	54.6	54.6	54.6	54.7	55.2	55.2	55.4	55.4	55.4	55.4
≥ 12000	52.3	55.4	55.8	55.9	56.1	56.1	56.2	56.2	56.2	56.3	56.8	56.8	57.0	57.0	57.0	57.0
≥ 10000	58.2	60.4	61.0	61.1	61.3	61.4	62.0	62.0	62.0	62.2	62.6	62.6	62.8	62.8	62.8	62.8
≥ 9000	62.2	64.8	65.6	65.7	66.0	66.1	66.8	66.8	66.8	66.9	67.3	67.3	67.5	67.5	67.5	67.5
≥ 8000	67.0	70.4	71.3	71.4	71.8	71.9	72.6	72.6	72.6	72.7	73.1	73.1	73.3	73.3	73.3	73.3
≥ 7000	68.0	71.7	72.6	72.7	73.7	73.9	74.5	74.5	74.5	74.6	75.1	75.1	75.3	75.3	75.3	75.3
≥ 6000	68.0	71.7	72.6	72.7	73.7	73.9	74.5	74.5	74.5	74.6	75.1	75.1	75.3	75.3	75.3	75.3
≥ 5000	69.6	73.2	74.2	74.3	75.3	75.5	76.2	76.2	76.2	76.3	76.8	76.8	77.0	77.0	77.0	77.0
≥ 4500	70.0	73.9	74.8	74.9	75.9	76.1	76.9	76.9	76.9	77.0	77.4	77.4	77.6	77.6	77.6	77.6
≥ 4000	72.3	76.7	77.7	78.0	78.9	79.1	80.0	80.0	80.0	80.1	80.5	80.5	80.8	80.8	80.8	80.8
≥ 3500	73.4	79.0	79.0	79.5	80.6	80.9	81.8	81.8	81.8	81.9	82.4	82.4	82.6	82.6	82.6	82.6
≥ 3000	74.9	80.0	81.2	81.6	82.9	83.2	84.3	84.8	84.8	85.4	85.8	85.8	86.0	86.0	86.0	86.0
≥ 2500	77.7	83.1	84.4	84.9	86.2	86.6	88.1	88.4	88.4	89.1	89.6	89.6	89.8	89.8	89.8	89.8
≥ 2000	79.6	84.9	86.5	87.2	88.8	89.2	90.9	91.3	91.3	92.4	92.9	92.9	93.1	93.1	93.1	93.1
≥ 1800	79.8	85.2	86.7	87.4	89.0	89.5	91.1	91.5	91.5	92.6	93.1	93.1	93.3	93.3	93.3	93.3
≥ 1500	80.1	85.5	87.0	87.7	89.6	90.0	91.6	92.2	92.2	93.2	93.8	93.8	94.1	94.1	94.1	94.1
≥ 1200	80.5	86.0	87.5	88.3	90.2	90.6	92.3	92.8	92.9	94.2	94.7	94.7	95.1	95.1	95.1	95.1
≥ 1000	81.3	87.5	89.1	90.0	91.9	92.4	94.0	94.5	94.6	96.7	97.2	97.2	97.5	97.5	97.5	97.5
≥ 900	81.8	87.8	89.5	90.3	92.3	92.7	94.3	94.8	94.9	97.0	97.5	97.5	97.8	97.8	97.8	97.8
≥ 800	81.8	87.8	89.5	90.3	92.3	92.7	94.3	94.8	94.9	97.0	97.8	97.8	98.2	98.2	98.2	98.2
≥ 700	81.8	88.2	89.8	90.6	92.6	93.0	94.6	95.3	95.4	97.4	98.3	98.3	98.6	98.6	98.6	98.6
≥ 600	81.9	88.3	89.9	90.9	92.8	93.2	94.8	95.6	95.7	97.7	98.6	98.6	98.9	98.9	98.9	98.9
≥ 500	82.0	88.4	90.0	91.1	93.0	93.4	95.2	96.0	96.1	98.2	99.0	99.0	99.5	99.5	99.5	99.5
≥ 400	82.0	88.4	90.0	91.1	93.1	93.5	95.3	96.1	96.2	98.3	99.1	99.1	99.6	99.6	99.7	99.7
≥ 300	82.0	88.4	90.0	91.1	93.3	93.8	95.5	96.3	96.5	98.5	99.4	99.4	99.8	99.8	100.0	100.0
≥ 200	82.0	88.4	90.0	91.1	93.3	93.8	95.5	96.3	96.5	98.5	99.4	99.4	99.8	99.8	100.0	100.0
≥ 100	82.0	88.4	90.0	91.1	93.3	93.8	95.5	96.3	96.5	98.5	99.4	99.4	99.8	99.8	100.0	100.0
≥ 0	82.0	88.4	90.0	91.1	93.3	93.8	95.5	96.3	96.5	98.5	99.4	99.4	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 910

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26210 STATION — EAST SIBERIA, NOT DUT STATION NAME — 57-66 YEARS — JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.1	52.2	52.4	52.4	52.4	52.4	52.7	52.7	52.7	53.0	53.1	53.1	53.1	53.1	53.1	53.1
≥ 20000	54.9	56.0	56.2	56.2	56.2	56.2	56.6	56.6	56.6	56.9	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	54.9	56.0	56.2	56.2	56.2	56.2	56.6	56.6	56.6	56.9	57.1	57.1	57.1	57.1	57.1	57.1
≥ 16000	55.3	56.4	56.6	56.6	56.6	56.6	56.9	56.9	56.9	57.2	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	55.7	56.8	57.0	57.0	57.0	57.0	57.3	57.3	57.3	57.6	57.8	57.8	57.8	57.8	57.8	57.8
≥ 12000	57.8	58.9	59.1	59.1	59.1	59.1	59.5	59.5	59.5	59.8	59.8	60.1	60.1	60.1	60.1	60.1
≥ 10000	61.9	63.4	63.7	63.7	63.7	63.7	64.0	64.0	64.0	64.3	64.6	64.6	64.6	64.6	64.6	64.6
≥ 9000	65.8	67.6	68.1	68.1	68.2	68.2	68.5	68.5	68.5	68.8	69.1	69.1	69.1	69.1	69.1	69.1
≥ 8000	70.1	72.2	72.6	72.6	72.7	72.7	73.4	73.4	73.4	73.9	74.2	74.2	74.3	74.3	74.3	74.3
≥ 7000	71.8	73.9	74.4	74.5	74.7	74.7	75.5	75.6	75.6	76.2	76.6	76.6	76.7	76.7	76.7	76.7
≥ 6000	72.0	74.1	74.8	74.9	75.3	75.3	76.0	76.2	76.2	76.9	77.2	77.2	77.3	77.3	77.3	77.3
≥ 5000	73.2	75.3	76.1	76.2	76.7	76.9	77.6	77.8	77.8	78.5	78.8	78.8	78.9	78.9	78.9	78.9
≥ 4500	74.0	76.0	76.9	77.0	77.5	77.7	78.5	78.7	78.7	79.4	79.7	79.7	79.8	79.8	79.8	79.8
≥ 4000	76.1	78.4	79.4	79.5	80.1	80.3	81.1	81.3	81.3	81.9	82.3	82.3	82.4	82.4	82.4	82.4
≥ 3500	77.2	79.5	80.4	80.5	81.2	81.4	82.2	82.4	82.4	83.0	83.4	83.4	83.5	83.5	83.5	83.5
≥ 3000	78.7	81.4	82.5	82.6	83.4	84.0	84.7	85.1	85.1	85.9	86.3	86.3	86.5	86.5	86.5	86.5
≥ 2500	80.5	83.5	84.6	84.7	86.2	86.5	87.2	87.5	87.5	88.8	89.2	89.2	89.4	89.4	89.4	89.4
≥ 2000	82.7	85.9	87.0	87.2	89.2	89.5	90.4	91.0	91.0	92.5	92.9	92.9	93.0	93.0	93.0	93.0
≥ 1800	82.8	86.0	87.1	87.3	89.4	89.6	90.5	91.1	91.1	92.6	93.0	93.0	93.1	93.1	93.1	93.1
≥ 1500	84.0	87.3	88.5	88.7	90.9	91.1	92.2	92.7	92.7	94.3	94.7	94.7	94.8	94.8	94.8	94.8
≥ 1200	84.4	87.8	89.1	89.4	91.6	91.8	93.0	93.5	93.5	95.3	95.7	95.7	95.8	95.8	95.8	95.8
≥ 1000	86.5	90.1	91.4	91.6	93.9	94.1	95.3	95.8	95.9	98.2	98.6	98.6	98.7	98.7	98.7	98.7
≥ 900	86.5	90.1	91.4	91.6	93.9	94.1	95.3	95.8	95.9	98.2	98.6	98.6	98.7	98.7	98.7	98.7
≥ 800	86.6	90.2	91.5	91.7	94.0	94.2	95.4	95.9	96.0	98.3	98.8	98.8	98.9	98.9	98.9	98.9
≥ 700	86.7	90.5	91.8	92.0	94.3	94.5	95.7	96.2	96.3	98.6	99.1	99.1	99.2	99.2	99.2	99.2
≥ 600	87.0	90.9	92.2	92.4	94.6	94.8	96.0	96.6	96.7	98.9	99.5	99.5	99.6	99.6	99.6	99.6
≥ 500	87.0	90.9	92.2	92.4	94.6	94.8	96.0	96.6	96.7	99.1	99.7	99.7	99.9	99.9	99.9	99.9
≥ 400	87.0	91.0	92.3	92.5	94.7	94.9	96.1	96.7	96.8	99.2	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	87.0	91.0	92.3	92.5	94.7	94.9	96.1	96.7	96.8	99.2	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	87.0	91.0	92.3	92.5	94.7	94.9	96.1	96.7	96.8	99.2	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	87.0	91.0	92.3	92.5	94.7	94.9	96.1	96.7	96.8	99.2	99.8	99.8	100.0	100.0	100.0	100.0
0	87.0	91.0	92.3	92.5	94.7	94.9	96.1	96.7	96.8	99.2	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 240

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~2421~~ STATION ~~EAST STAPLETON NO 1 INTL~~ STATION NAME ~~57-66~~ YEARS ~~ALL~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~1800 to 2000~~

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	52.5	54.1	54.2	54.3	54.7	54.7	54.8	54.8	54.8	54.9	55.1	55.1	55.2	55.2	55.4	55.4
	53.1	54.7	54.8	54.9	55.4	55.4	55.5	55.5	55.5	55.6	55.7	55.7	55.8	55.8	56.0	56.0
≥ 18000 ≥ 16000	53.1	54.7	54.8	54.9	55.4	55.4	55.5	55.5	55.5	55.6	55.7	55.7	55.8	55.8	56.0	56.0
	53.1	54.7	54.8	54.9	55.4	55.4	55.5	55.5	55.5	55.6	55.7	55.7	55.8	55.8	56.0	56.0
≥ 14000 ≥ 12000	53.6	55.4	55.5	55.6	56.0	56.0	56.1	56.1	56.1	56.2	56.3	56.3	56.5	56.5	56.7	56.7
	54.9	56.6	56.7	56.8	57.2	57.2	57.3	57.3	57.3	57.4	57.5	57.5	57.6	57.6	57.8	57.8
≥ 10000 ≥ 9000	58.5	60.3	60.4	60.8	61.2	61.2	61.3	61.3	61.3	61.4	61.5	61.5	61.6	61.6	61.8	61.8
	61.1	62.9	63.0	63.3	64.1	64.1	64.2	64.2	64.2	64.3	64.4	64.4	64.5	64.5	64.7	64.7
≥ 8000 ≥ 7000	64.3	66.5	66.7	67.0	68.4	68.4	68.6	68.6	68.6	68.8	68.9	68.9	69.0	69.0	69.2	69.2
	65.9	68.1	68.3	68.7	70.2	70.2	70.4	70.5	70.5	70.9	71.1	71.1	71.2	71.2	71.4	71.4
≥ 6000 ≥ 5000	66.6	68.7	68.9	69.4	70.9	70.9	71.1	71.2	71.2	71.5	71.7	71.7	71.8	71.8	72.0	72.0
	69.2	71.4	71.6	72.0	73.7	73.7	73.9	74.0	74.0	74.3	74.5	74.5	74.6	74.6	74.8	74.8
≥ 4500 ≥ 4000	70.9	73.0	73.2	73.7	75.3	75.3	75.5	75.6	75.6	75.9	76.1	76.1	76.2	76.2	76.5	76.5
	73.4	75.8	76.0	76.6	78.3	78.3	78.5	78.6	78.6	78.9	79.1	79.1	79.2	79.2	79.5	79.5
≥ 3500 ≥ 3000	74.3	77.0	77.3	77.8	79.6	79.6	79.8	79.9	79.9	80.2	80.4	80.4	80.5	80.5	80.8	80.8
	76.1	78.8	79.1	79.9	82.2	82.2	82.4	82.5	82.5	82.8	83.0	83.0	83.1	83.1	83.3	83.3
≥ 2500 ≥ 2000	78.0	80.6	81.2	81.9	84.4	84.4	84.7	84.8	84.8	85.2	85.4	85.4	85.5	85.5	85.7	85.7
	80.4	83.1	84.0	84.9	87.4	87.4	88.4	88.6	88.6	89.0	89.2	89.2	89.4	89.4	89.6	89.6
≥ 1800 ≥ 1500	81.5	84.2	85.1	86.0	88.5	88.5	89.6	89.8	89.8	90.2	90.4	90.4	90.5	90.5	90.8	90.8
	83.2	85.9	87.0	88.0	90.5	90.5	91.8	92.0	92.0	92.9	93.1	93.1	93.2	93.2	93.4	93.4
≥ 1200 ≥ 1000	84.7	87.7	88.9	89.9	92.5	92.5	93.8	94.0	94.0	94.9	95.2	95.2	95.3	95.3	95.5	95.5
	86.1	89.1	90.3	91.3	93.9	93.9	95.3	95.5	95.5	96.9	97.1	97.1	97.2	97.2	97.4	97.4
≥ 900 ≥ 800	86.3	89.4	90.5	91.5	94.1	94.1	95.5	95.7	95.7	97.1	97.3	97.3	97.4	97.4	97.6	97.6
	87.1	90.1	91.3	92.3	94.8	94.8	96.2	96.3	96.3	97.8	98.7	98.7	98.8	98.8	99.0	99.0
≥ 700 ≥ 600	87.2	90.2	91.4	92.4	94.9	94.9	96.3	96.6	96.6	98.0	98.8	98.8	98.9	98.9	99.1	99.1
	87.3	90.3	91.7	92.7	95.3	95.3	96.7	96.9	96.9	98.3	99.1	99.1	99.2	99.2	99.3	99.3
≥ 500 ≥ 400	87.7	90.8	91.9	92.9	95.5	95.5	96.9	97.1	97.1	98.5	99.4	99.4	99.6	99.6	99.8	99.8
	87.8	90.9	92.0	93.0	95.6	95.6	97.0	97.2	97.2	98.6	99.5	99.5	99.7	99.7	99.9	99.9
≥ 300 ≥ 200	87.8	90.9	92.0	93.0	95.6	95.6	97.0	97.2	97.2	98.6	99.5	99.5	99.7	99.7	99.9	99.9
	87.8	90.9	92.0	93.0	95.6	95.6	97.0	97.2	97.2	98.6	99.5	99.5	99.7	99.7	99.9	99.9
≥ 100 ≥ 0	87.8	90.9	92.0	93.0	95.6	95.6	97.0	97.2	97.2	98.6	99.5	99.5	99.8	99.8	100.0	100.0
	87.8	90.9	92.0	93.0	95.6	95.6	97.0	97.2	97.2	98.6	99.5	99.5	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 940

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~30210~~ STATION | ~~FIRST STRAUN NWT OUT~~ STATION NAME | ~~57-66~~ YEARS | ~~JAN~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~2100-2200~~ HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.5	53.2	53.2	53.4	54.2	54.2	54.4	54.4	54.4	55.5	55.6	55.6	55.8	55.9	55.9	55.9
≥ 20000	52.6	53.3	53.3	53.5	54.3	54.3	54.5	54.5	54.5	55.6	55.7	55.7	55.9	56.0	56.0	56.0
≥ 18000	52.6	53.3	53.3	53.5	54.3	54.3	54.5	54.5	54.5	55.6	55.7	55.7	55.9	56.0	56.0	56.0
≥ 16000	52.6	53.3	53.3	53.5	54.3	54.3	54.5	54.5	54.5	55.6	55.7	55.7	55.9	56.0	56.0	56.0
≥ 14000	53.0	53.8	53.8	54.0	54.7	54.7	54.9	54.9	54.9	56.0	56.1	56.1	56.3	56.5	56.5	56.5
≥ 12000	52.9	54.6	54.6	54.8	55.6	55.6	55.8	55.8	55.8	56.9	57.0	57.0	57.2	57.3	57.3	57.3
≥ 10000	56.7	57.6	57.7	58.0	58.7	58.7	58.9	59.0	59.0	60.1	60.2	60.2	60.4	60.5	60.5	60.5
≥ 9000	59.1	60.1	60.2	60.5	61.4	61.4	61.6	61.7	61.7	62.8	62.9	62.9	63.1	63.2	63.2	63.2
≥ 8000	62.6	64.1	64.2	64.7	65.9	65.9	66.1	66.2	66.2	67.3	67.4	67.4	67.6	67.7	68.0	68.0
≥ 7000	65.4	66.7	66.9	67.4	68.6	68.6	68.8	68.9	68.9	70.0	70.1	70.1	70.3	70.4	70.6	70.6
≥ 6000	66.7	68.1	68.4	68.9	70.1	70.1	70.3	70.4	70.4	71.5	71.6	71.6	71.8	71.9	72.2	72.2
≥ 5000	69.6	71.0	71.3	71.8	73.1	73.1	73.3	73.4	73.4	74.5	74.6	74.6	74.8	74.9	75.2	75.2
≥ 4500	70.0	71.5	71.8	72.4	73.7	73.7	73.9	74.0	74.0	75.1	75.2	75.2	75.4	75.5	75.7	75.7
≥ 4000	72.0	74.4	74.9	75.5	76.8	76.8	77.0	77.2	77.2	78.3	78.4	78.4	78.6	78.7	78.9	78.9
≥ 3500	73.5	75.6	76.1	76.7	78.0	78.0	78.2	78.4	78.4	79.5	79.6	79.6	79.8	79.9	80.1	80.1
≥ 3000	76.9	78.9	79.5	80.0	81.4	81.5	81.7	81.9	81.9	83.0	83.1	83.1	83.3	83.4	83.7	83.7
≥ 2500	78.9	81.1	81.8	82.5	84.1	84.2	84.5	84.8	84.8	85.9	86.0	86.0	86.2	86.3	86.6	86.6
≥ 2000	79.9	82.2	83.0	83.8	85.9	86.0	86.2	87.0	87.0	88.1	88.2	88.2	88.4	88.5	88.7	88.7
≥ 1800	80.8	83.0	83.9	84.6	86.8	86.9	87.5	87.8	87.8	89.0	89.1	89.1	89.4	89.5	89.7	89.7
≥ 1500	82.3	84.8	85.7	86.5	88.7	88.8	89.6	90.1	90.1	91.7	91.8	91.8	92.0	92.2	92.4	92.4
≥ 1200	83.9	86.8	87.6	88.4	90.8	90.9	91.7	92.3	92.3	94.0	94.1	94.1	94.3	94.4	94.6	94.6
≥ 1000	85.1	88.1	88.9	89.7	92.2	92.3	93.1	93.7	93.7	96.7	96.8	96.8	97.0	97.1	97.3	97.3
≥ 900	85.1	88.1	88.9	89.7	92.2	92.3	93.1	93.7	93.7	96.7	96.8	96.8	97.0	97.1	97.3	97.3
≥ 800	85.7	88.7	89.7	90.4	92.9	93.0	93.9	94.4	94.4	97.4	97.7	97.7	98.0	98.1	98.3	98.3
≥ 700	86.0	89.0	90.0	90.8	93.2	93.3	94.2	94.7	94.7	97.7	98.1	98.1	98.3	98.4	98.6	98.6
≥ 600	86.6	89.7	90.8	91.5	94.0	94.1	94.9	95.5	95.5	98.5	98.8	98.8	99.0	99.1	99.4	99.4
≥ 500	86.9	90.0	91.1	91.8	94.4	94.5	95.4	95.9	95.9	98.9	99.2	99.2	99.5	99.6	99.8	99.8
≥ 400	86.9	90.0	91.1	91.8	94.4	94.5	95.4	95.9	95.9	98.9	99.2	99.2	99.5	99.6	99.8	99.8
≥ 300	87.1	90.2	91.3	92.0	94.6	94.7	95.6	96.1	96.1	99.1	99.5	99.5	99.7	99.8	100.0	100.0
≥ 200	87.1	90.2	91.3	92.0	94.6	94.7	95.6	96.1	96.1	99.1	99.5	99.5	99.7	99.8	100.0	100.0
≥ 100	87.1	90.2	91.3	92.0	94.6	94.7	95.6	96.1	96.1	99.1	99.5	99.5	99.7	99.8	100.0	100.0
≥ 0	87.1	90.2	91.3	92.0	94.6	94.7	95.6	96.1	96.1	99.1	99.5	99.5	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26216 STATION | FLINT SIMPSON INT'L AUT STATION NAME | 57-66 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0700 GMT (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.6	58.0	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.6	58.6
≥ 20000	59.1	59.7	59.8	59.8	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.3	60.3
≥ 18000	59.1	59.7	59.8	59.8	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.3	60.3
≥ 16000	59.1	59.7	59.8	59.8	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.3	60.3
≥ 14000	59.6	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.8	60.8
≥ 12000	59.8	60.4	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	61.0	61.0
≥ 10000	62.1	62.8	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.4	63.4
≥ 9000	63.2	64.1	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.7	64.7
≥ 8000	66.2	67.6	67.8	68.2	68.2	68.2	68.3	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.8	68.8
≥ 7000	71.0	72.9	73.3	74.0	74.0	74.0	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.6	74.6
≥ 6000	71.4	73.3	73.6	74.3	74.3	74.3	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.9	74.9
≥ 5000	74.0	76.0	76.4	77.1	77.3	77.3	77.4	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.9	77.9
≥ 4500	74.6	76.6	77.0	77.7	77.9	77.9	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.6	78.6
≥ 4000	78.1	80.5	81.0	81.7	81.9	81.9	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.6	82.6
≥ 3500	79.2	81.6	82.0	82.7	83.0	83.0	83.2	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.7	83.7
≥ 3000	81.7	84.2	84.8	85.5	85.8	85.8	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.8	86.8
≥ 2500	83.5	86.2	86.8	87.5	88.1	88.1	88.5	88.7	88.7	88.8	88.8	88.8	88.8	88.8	89.0	89.0
≥ 2000	85.0	88.8	89.6	90.4	91.1	91.1	91.8	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.3	92.3
≥ 1800	86.1	89.2	90.1	90.9	91.6	91.6	92.3	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.9	92.9
≥ 1500	86.9	90.2	91.0	92.0	92.9	92.9	93.7	94.2	94.2	95.0	95.0	95.0	95.0	95.0	95.3	95.3
≥ 1200	87.5	90.8	91.6	92.6	93.5	93.5	94.3	94.8	94.8	95.6	95.7	95.7	95.9	95.9	96.1	96.1
≥ 1000	88.8	92.1	92.9	93.9	95.2	95.2	96.0	96.6	96.6	97.4	97.5	97.5	97.6	97.6	97.9	97.9
≥ 900	88.8	92.1	92.9	93.9	95.2	95.2	96.0	96.7	96.7	97.5	97.6	97.6	97.8	97.8	98.0	98.0
≥ 800	89.4	92.7	93.5	94.4	95.7	95.7	96.6	97.3	97.3	98.1	98.2	98.2	98.3	98.3	98.6	98.6
≥ 700	89.5	92.8	93.6	94.6	95.9	95.9	96.7	97.4	97.4	98.2	98.3	98.3	98.7	98.7	98.9	98.9
≥ 600	89.5	92.8	93.6	94.7	96.0	96.0	96.8	97.6	97.6	98.5	98.6	98.6	99.2	99.2	99.4	99.4
≥ 500	89.5	92.8	93.6	94.7	96.0	96.0	96.8	97.6	97.6	98.6	98.7	98.7	99.3	99.3	99.5	99.5
≥ 400	89.5	92.9	93.7	94.8	96.1	96.1	96.9	97.8	97.8	98.7	98.8	98.8	99.4	99.4	99.6	99.6
≥ 300	89.5	92.9	93.7	94.8	96.1	96.1	96.9	97.8	97.8	98.7	98.8	98.8	99.4	99.4	99.6	99.6
≥ 200	89.5	92.9	93.7	94.8	96.1	96.1	96.9	97.8	97.8	98.7	98.8	98.8	99.8	99.8	100.0	100.0
≥ 100	89.5	92.9	93.7	94.8	96.1	96.1	96.9	97.8	97.8	98.7	98.8	98.8	99.8	99.8	100.0	100.0
0	89.5	92.9	93.7	94.8	96.1	96.1	96.9	97.8	97.8	98.7	98.8	98.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~24210~~ STATION ~~FIRST STEPHENSON NWT ONT~~ STATION NAME ~~57-66~~ YEARS ~~JAN~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0300-0500~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	~~54.1~~ 54.5	~~54.6~~ 55.0	~~54.7~~ 55.1	~~54.7~~ 55.1	~~54.7~~ 55.1	~~54.7~~ 55.1	~~54.8~~ 55.2	~~54.8~~ 55.2	~~54.8~~ 55.2	~~55.0~~ 55.3	~~55.0~~ 55.3	~~55.0~~ 55.3	~~55.0~~ 55.3	~~55.0~~ 55.3	~~55.7~~ 56.0	~~55.7~~ 56.0
≥ 18000 ≥ 16000	~~54.5~~ 54.7	~~55.0~~ 55.2	~~55.1~~ 55.3	~~55.1~~ 55.3	~~55.1~~ 55.3	~~55.1~~ 55.3	~~55.2~~ 55.4	~~55.2~~ 55.4	~~55.2~~ 55.4	~~55.3~~ 55.6	~~55.3~~ 55.6	~~55.3~~ 55.6	~~55.3~~ 55.6	~~55.3~~ 55.6	~~56.0~~ 56.3	~~56.0~~ 56.3
≥ 14000 ≥ 12000	~~55.4~~ 56.0	~~55.9~~ 56.5	~~56.0~~ 56.6	~~56.0~~ 56.6	~~56.0~~ 56.6	~~56.0~~ 56.6	~~56.1~~ 56.7	~~56.1~~ 56.7	~~56.1~~ 56.7	~~56.3~~ 56.9	~~56.3~~ 56.9	~~56.3~~ 56.9	~~56.3~~ 56.9	~~56.3~~ 56.9	~~57.0~~ 57.6	~~57.0~~ 57.6
≥ 10000 ≥ 9000	~~59.0~~ 60.3	~~59.5~~ 60.9	~~59.6~~ 61.0	~~59.6~~ 61.0	~~59.6~~ 61.0	~~59.6~~ 61.0	~~59.7~~ 61.1	~~59.7~~ 61.1	~~59.7~~ 61.1	~~59.8~~ 61.2	~~59.8~~ 61.2	~~59.8~~ 61.2	~~59.8~~ 61.2	~~59.8~~ 61.2	~~60.5~~ 61.9	~~60.5~~ 61.9
≥ 8000 ≥ 7000	~~63.6~~ 64.9	~~64.2~~ 65.7	~~64.3~~ 70.0	~~64.3~~ 70.1	~~64.7~~ 70.4	~~64.7~~ 70.4	~~64.8~~ 70.6	~~64.9~~ 70.8	~~64.9~~ 70.8	~~65.1~~ 71.0	~~65.1~~ 71.0	~~65.1~~ 71.0	~~65.1~~ 71.0	~~65.1~~ 71.0	~~65.8~~ 71.7	~~65.8~~ 71.7
≥ 6000 ≥ 5000	~~70.3~~ 74.2	~~71.2~~ 75.4	~~71.4~~ 75.8	~~71.5~~ 76.0	~~71.9~~ 76.8	~~71.9~~ 76.8	~~72.0~~ 77.0	~~72.2~~ 77.2	~~72.2~~ 77.2	~~72.5~~ 77.4	~~72.5~~ 77.4	~~72.5~~ 77.4	~~72.5~~ 77.4	~~72.5~~ 77.4	~~73.2~~ 78.1	~~73.2~~ 78.1
≥ 4500 4000	~~74.8~~ 78.8	~~76.1~~ 80.5	~~76.5~~ 80.9	~~76.7~~ 81.1	~~78.0~~ 82.4	~~78.0~~ 82.4	~~78.1~~ 82.6	~~78.4~~ 82.9	~~78.4~~ 82.9	~~78.6~~ 83.1	~~78.6~~ 83.1	~~78.6~~ 83.1	~~78.6~~ 83.1	~~78.6~~ 83.1	~~79.3~~ 83.8	~~79.3~~ 83.8
≥ 3500 3000	~~79.6~~ 81.6	~~81.2~~ 83.9	~~81.6~~ 84.4	~~81.8~~ 84.9	~~83.1~~ 86.2	~~83.1~~ 86.2	~~83.3~~ 86.4	~~83.6~~ 86.6	~~83.6~~ 86.6	~~83.8~~ 86.9	~~83.8~~ 86.9	~~83.8~~ 86.9	~~83.8~~ 86.9	~~83.8~~ 86.9	~~84.5~~ 87.6	~~84.5~~ 87.6
≥ 2500 2000	~~84.2~~ 85.1	~~86.6~~ 87.7	~~87.1~~ 88.2	~~87.6~~ 88.7	~~89.0~~ 90.1	~~89.0~~ 90.1	~~89.4~~ 90.5	~~89.6~~ 90.8	~~89.6~~ 90.8	~~90.0~~ 91.3	~~90.0~~ 91.4	~~90.0~~ 91.4	~~90.0~~ 91.4	~~90.0~~ 91.4	~~90.7~~ 92.1	~~90.7~~ 92.1
≥ 1800 1500	~~85.0~~ 87.1	~~88.2~~ 89.8	~~88.7~~ 90.4	~~89.1~~ 90.9	~~90.5~~ 92.3	~~90.5~~ 92.3	~~91.0~~ 93.1	~~91.3~~ 93.4	~~91.3~~ 93.4	~~91.7~~ 94.3	~~91.8~~ 94.6	~~91.8~~ 94.6	~~91.8~~ 94.6	~~91.8~~ 94.6	~~92.6~~ 95.3	~~92.6~~ 95.3
≥ 1200 1000	~~88.7~~ 89.2	~~91.6~~ 92.2	~~92.2~~ 92.8	~~92.7~~ 93.3	~~94.1~~ 94.9	~~94.1~~ 94.9	~~94.9~~ 95.7	~~95.2~~ 96.0	~~95.2~~ 96.0	~~96.1~~ 97.2	~~96.3~~ 97.4	~~96.3~~ 97.4	~~96.3~~ 97.4	~~96.3~~ 97.4	~~97.0~~ 98.1	~~97.0~~ 98.1
≥ 900 800	~~89.2~~ 89.7	~~92.2~~ 92.7	~~92.8~~ 93.3	~~93.3~~ 93.7	~~94.9~~ 95.4	~~94.9~~ 95.4	~~95.7~~ 96.2	~~96.0~~ 96.5	~~96.0~~ 96.5	~~97.2~~ 97.6	~~97.4~~ 97.9	~~97.4~~ 97.9	~~97.4~~ 98.0	~~97.4~~ 98.0	~~98.1~~ 98.7	~~98.1~~ 98.7
≥ 700 600	~~89.7~~ 89.7	~~92.7~~ 92.7	~~93.3~~ 93.3	~~93.7~~ 93.7	~~95.4~~ 95.4	~~95.4~~ 95.4	~~96.2~~ 96.2	~~96.5~~ 96.6	~~96.5~~ 96.6	~~97.6~~ 97.8	~~97.9~~ 98.0	~~98.0~~ 98.1	~~98.1~~ 98.2	~~98.1~~ 98.2	~~98.8~~ 98.9	~~98.8~~ 98.9
≥ 500 400	~~89.7~~ 89.8	~~92.7~~ 92.8	~~93.3~~ 93.4	~~93.7~~ 93.9	~~95.4~~ 95.5	~~95.4~~ 95.5	~~96.2~~ 96.3	~~96.6~~ 96.7	~~96.6~~ 96.7	~~97.8~~ 97.9	~~98.0~~ 98.1	~~98.1~~ 98.2	~~98.2~~ 98.3	~~98.2~~ 98.3	~~98.9~~ 99.1	~~98.9~~ 99.1
≥ 300 200	~~89.8~~ 89.8	~~92.8~~ 92.8	~~93.4~~ 93.4	~~93.9~~ 93.9	~~95.5~~ 95.5	~~95.5~~ 95.5	~~96.3~~ 96.4	~~96.7~~ 96.7	~~96.7~~ 96.8	~~97.9~~ 98.0	~~98.1~~ 98.2	~~98.2~~ 98.3	~~98.3~~ 98.7	~~98.3~~ 98.7	~~99.1~~ 99.4	~~99.1~~ 99.4
≥ 100 0	~~89.8~~ 89.8	~~92.8~~ 92.8	~~93.4~~ 93.4	~~93.9~~ 93.9	~~95.5~~ 95.5	~~95.5~~ 95.5	~~96.3~~ 96.3	~~96.7~~ 96.7	~~96.8~~ 96.8	~~98.1~~ 98.1	~~98.5~~ 98.5	~~98.6~~ 98.6	~~99.1~~ 99.1	~~99.1~~ 99.1	~~99.8~~ 99.8	~~99.8~~ 100.0

TOTAL NUMBER OF OBSERVATIONS ~~8066~~

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26210 STATION | FORT SIMPSON NWT OUT STATION NAME | 57-66 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0800 GMT (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.8	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.5	50.5	50.5	50.5	50.5	50.9	50.9
≥ 20000	50.9	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.7	51.7	51.7	51.7	51.7	52.1	52.1
≥ 18000	51.2	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.9	51.9	51.9	51.9	51.9	52.4	52.4
≥ 16000	51.3	51.4	51.5	51.7	51.7	51.7	51.7	51.7	51.7	52.0	52.0	52.0	52.0	52.0	52.5	52.5
≥ 14000	52.0	52.1	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.7	52.7	52.7	52.7	52.7	53.2	53.2
≥ 12000	52.6	52.7	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.3	53.3	53.3	53.3	53.3	53.8	53.8
≥ 10000	55.7	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.5	56.5	56.5	56.5	56.5	57.0	57.0
≥ 9000	58.9	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.7	59.7	59.7	59.7	59.7	60.2	60.2
≥ 8000	61.6	62.5	62.6	62.8	62.9	62.9	62.9	62.9	62.9	63.5	63.5	63.5	63.5	63.5	63.9	63.9
≥ 7000	64.7	66.4	66.5	66.7	66.9	66.9	66.9	66.9	66.9	67.6	67.6	67.6	67.6	67.6	68.1	68.1
≥ 6000	65.5	67.4	67.5	67.7	68.0	68.0	68.0	68.0	68.0	68.8	68.8	68.8	68.8	68.8	69.3	69.3
≥ 5000	69.0	72.0	72.1	72.5	72.9	72.9	73.0	73.0	73.0	73.9	73.9	73.9	73.9	73.9	74.3	74.3
≥ 4500	70.0	72.3	72.6	72.9	73.4	73.4	73.5	73.5	73.5	74.3	74.3	74.3	74.3	74.3	74.8	74.8
≥ 4000	74.1	77.3	77.7	78.0	78.5	78.5	78.7	78.7	78.7	79.6	79.6	79.6	79.6	79.6	80.0	80.0
≥ 3500	75.7	78.8	79.2	79.6	80.0	80.0	80.3	80.3	80.3	81.1	81.1	81.1	81.1	81.1	81.6	81.6
≥ 3000	77.2	80.7	81.1	81.7	82.3	82.3	82.6	82.6	82.6	83.6	83.7	83.7	83.7	83.7	84.2	84.2
≥ 2500	79.9	83.5	83.8	84.5	85.2	85.2	85.8	85.9	85.9	87.0	87.1	87.1	87.2	87.2	87.7	87.7
≥ 2000	82.0	85.6	86.1	86.8	87.5	87.6	88.8	89.0	89.0	90.1	90.3	90.3	90.4	90.4	90.9	90.9
≥ 1800	82.5	86.1	86.5	87.2	87.9	88.1	89.2	89.5	89.5	90.5	90.8	90.9	90.9	90.9	91.4	91.4
≥ 1500	84.0	87.7	88.2	88.9	89.6	89.7	91.1	91.5	91.5	92.9	93.1	93.1	93.3	93.3	93.7	93.7
≥ 1200	85.9	89.6	90.1	90.8	91.5	91.6	93.0	93.5	93.5	94.9	95.2	95.2	95.5	95.5	96.0	96.0
≥ 1000	86.3	90.0	90.4	91.1	91.8	92.0	93.2	94.0	94.0	95.6	95.9	95.9	96.2	96.2	96.7	96.7
≥ 900	86.6	90.3	90.8	91.5	92.2	92.3	93.9	94.3	94.3	96.0	96.2	96.2	96.6	96.6	97.0	97.0
≥ 800	87.1	90.8	91.3	92.0	92.7	92.8	94.4	94.9	94.9	96.9	97.3	97.3	97.8	97.8	98.2	98.2
≥ 700	87.1	90.8	91.3	92.0	92.7	92.8	94.4	94.9	94.9	96.9	97.3	97.3	97.8	97.8	98.2	98.2
≥ 600	87.5	91.1	91.6	92.3	93.0	93.1	94.8	95.3	95.3	97.3	97.6	97.6	98.1	98.1	98.6	98.6
≥ 500	87.8	91.5	92.0	92.7	93.4	93.5	95.2	95.6	95.6	97.6	98.0	98.0	98.6	98.6	99.1	99.1
≥ 400	87.8	91.5	92.0	92.7	93.4	93.5	95.2	95.6	95.6	97.6	98.0	98.0	98.7	98.7	99.2	99.2
≥ 300	87.9	91.6	92.1	92.8	93.5	93.6	95.3	95.7	95.7	97.8	98.1	98.1	98.8	98.8	99.3	99.3
≥ 200	87.9	91.6	92.1	92.8	93.5	93.6	95.3	96.0	96.0	98.0	98.3	98.3	99.1	99.1	99.5	99.5
≥ 100	87.9	91.6	92.1	92.8	93.5	93.6	95.3	96.0	96.0	98.0	98.3	98.3	99.1	99.1	99.6	99.6
≥ 0	87.9	91.6	92.1	92.8	93.5	93.6	95.3	96.0	96.0	98.0	98.3	98.3	99.1	99.1	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 346

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] YEARS [redacted]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.9	43.3	43.3	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.6	43.6	44.2	44.2
≥ 20000	49.1	49.6	50.0	50.0	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	51.5	51.5
≥ 18000	49.1	49.6	50.0	50.0	50.7	50.7	50.9	50.9	50.8	50.8	50.8	50.8	50.9	50.9	51.5	51.5
≥ 16000	49.2	49.8	50.1	50.1	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	51.1	51.1	51.7	51.7
≥ 14000	50.0	50.6	50.9	50.9	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	52.5	52.5
≥ 12000	53.5	53.1	53.4	53.4	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	55.0	55.1
≥ 10000	55.9	56.9	57.2	57.3	58.0	58.0	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.5	59.1	59.1
≥ 9000	61.3	62.5	62.9	63.0	63.7	63.8	64.2	64.3	64.3	64.3	64.3	64.3	64.4	64.4	65.0	65.0
≥ 8000	66.0	67.5	67.8	68.1	68.8	68.9	69.5	69.7	69.7	69.7	69.7	69.7	69.9	69.9	70.4	70.4
≥ 7000	69.9	71.4	71.7	72.1	72.9	73.0	73.6	73.9	73.9	74.1	74.1	74.1	74.2	74.2	74.8	74.8
≥ 6000	70.1	71.6	72.0	72.3	73.2	73.3	73.9	74.1	74.1	74.3	74.3	74.3	74.5	74.5	75.1	75.1
≥ 5000	72.1	73.9	74.3	74.8	75.7	75.9	76.6	76.8	76.8	77.1	77.1	77.1	77.2	77.2	77.8	77.8
≥ 4500	72.9	74.7	75.2	75.7	76.5	76.6	77.4	77.7	77.7	77.9	77.9	77.9	78.0	78.0	78.6	78.6
≥ 4000	74.9	76.7	77.4	77.9	78.7	78.8	79.7	80.0	80.0	80.4	80.4	80.4	80.5	80.5	81.1	81.1
≥ 3500	75.5	77.5	78.3	78.7	79.6	79.7	80.5	81.0	81.0	81.3	81.3	81.3	81.4	81.4	82.0	82.0
≥ 3000	77.1	80.0	80.9	81.3	82.5	82.7	83.7	84.6	84.6	85.1	85.1	85.1	85.3	85.3	85.9	85.9
≥ 2500	79.4	82.5	83.3	84.3	85.8	86.1	87.0	88.1	88.1	88.5	88.5	88.5	88.8	88.8	89.4	89.4
≥ 2000	80.7	84.2	85.1	86.1	87.8	88.1	89.4	90.7	90.7	91.4	91.4	91.4	91.6	91.6	92.2	92.2
≥ 1800	80.7	84.2	85.1	86.1	87.8	88.1	89.4	90.7	90.7	91.4	91.4	91.4	91.6	91.6	92.2	92.2
≥ 1500	81.7	85.1	86.1	87.1	89.1	89.4	90.7	92.0	92.0	92.9	92.9	92.9	93.1	93.1	93.7	93.7
≥ 1200	82.9	86.9	87.8	88.9	90.9	91.1	92.4	93.9	94.0	95.0	95.2	95.2	95.4	95.4	96.0	96.0
≥ 1000	83.4	87.5	88.5	89.7	92.1	92.3	93.7	95.2	95.3	96.8	97.3	97.3	97.5	97.5	98.1	98.1
≥ 900	83.3	87.5	88.5	89.7	92.1	92.3	93.7	95.2	95.3	96.8	97.3	97.3	97.8	97.8	98.3	98.3
≥ 800	83.3	87.5	88.5	89.7	92.1	92.3	93.7	95.2	95.3	96.9	97.6	97.6	98.1	98.1	98.7	98.7
≥ 700	83.5	87.6	88.7	89.8	92.2	92.4	93.9	95.3	95.4	97.0	97.8	97.8	98.2	98.2	98.8	98.8
≥ 600	83.5	87.6	88.7	89.8	92.2	92.4	93.9	95.3	95.4	97.0	97.8	97.8	98.2	98.2	98.8	98.8
≥ 500	83.6	87.7	88.9	90.1	92.4	92.7	94.1	95.6	95.7	97.4	98.1	98.1	98.7	98.7	99.3	99.3
≥ 400	83.6	87.7	88.9	90.1	92.4	92.7	94.2	95.7	95.9	97.6	98.3	98.3	98.9	98.9	99.5	99.5
≥ 300	83.6	87.7	88.9	90.1	92.4	92.7	94.3	95.9	96.0	97.8	98.5	98.5	99.1	99.1	99.6	99.6
≥ 200	83.6	87.7	88.9	90.1	92.4	92.7	94.3	95.9	96.0	98.0	98.7	98.7	99.3	99.3	100.0	100.0
≥ 100	83.6	87.7	88.9	90.1	92.4	92.7	94.3	95.9	96.0	98.0	98.7	98.7	99.3	99.3	100.0	100.0
0	83.6	87.7	88.9	90.1	92.4	92.7	94.3	95.9	96.0	98.0	98.7	98.7	99.3	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [redacted]

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION NAME [redacted] YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted]

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	49.6	49.9	49.9	49.9	50.0	50.0	50.0	50.1	50.1	50.2	50.2	50.2	50.4	50.4	50.4	50.4
	56.7	57.4	57.4	57.4	57.7	57.7	58.2	58.5	58.5	58.6	58.7	58.7	58.9	58.9	58.9	58.9
≥ 18000 ≥ 16000	56.7	57.4	57.4	57.4	57.7	57.7	58.2	58.5	58.5	58.6	58.7	58.7	58.9	58.9	58.9	58.9
	56.9	57.6	57.6	57.6	57.8	57.8	58.3	58.6	58.6	58.7	58.9	58.9	59.0	59.0	59.0	59.0
≥ 14000 ≥ 12000	57.7	58.4	58.4	58.4	58.6	58.6	59.1	59.5	59.5	59.6	59.7	59.7	59.8	59.8	59.8	59.8
	59.5	60.2	60.3	60.3	60.5	60.5	61.0	61.3	61.3	61.5	61.6	61.6	61.7	61.7	61.7	61.7
≥ 10000 ≥ 9000	63.1	63.9	64.1	64.2	64.4	64.4	65.2	65.6	65.6	65.7	65.8	65.8	66.0	66.0	66.0	66.0
	68.0	68.9	69.0	69.1	69.4	69.4	70.2	70.6	70.6	70.7	70.8	70.8	70.9	70.9	70.9	70.9
≥ 8000 ≥ 7000	71.5	72.5	72.6	72.7	73.0	73.0	74.0	74.3	74.3	74.5	74.6	74.6	74.7	74.7	74.7	74.7
	74.3	75.4	75.5	75.7	76.5	76.6	77.7	78.1	78.3	78.6	79.0	79.0	79.1	79.1	79.1	79.1
≥ 6000 ≥ 5000	74.8	75.9	76.0	76.1	77.0	77.1	78.1	78.6	78.7	79.1	79.4	79.4	79.6	79.6	79.6	79.6
	77.0	78.1	78.3	78.4	79.2	79.3	80.4	80.9	81.0	81.3	81.7	81.7	81.8	81.8	81.8	81.8
≥ 4500 ≥ 4000	77.0	78.4	78.6	78.7	79.6	79.7	80.7	81.2	81.3	81.7	82.0	82.0	82.2	82.2	82.2	82.2
	78.8	80.2	80.4	80.9	81.0	81.9	82.0	83.1	83.6	83.7	84.0	84.0	84.2	84.2	84.2	84.2
≥ 3500 ≥ 3000	79.3	81.3	81.6	81.7	82.6	82.7	83.8	84.3	84.4	84.8	85.1	85.1	85.2	85.2	85.2	85.2
	81.2	83.3	83.6	83.8	84.6	84.7	85.8	86.3	86.4	86.8	87.1	87.1	87.2	87.2	87.2	87.2
≥ 2500 ≥ 2000	84.9	86.3	86.6	86.8	88.4	88.7	90.0	90.8	91.0	91.8	92.2	92.2	92.3	92.3	92.3	92.3
	86.3	87.9	88.3	88.5	90.3	90.5	92.0	93.0	93.3	94.3	94.9	94.9	95.2	95.2	95.2	95.2
≥ 1800 ≥ 1500	86.3	87.9	88.3	88.5	90.3	90.5	92.0	93.0	93.3	94.3	94.9	94.9	95.2	95.2	95.2	95.2
	89.1	90.8	91.1	91.4	91.3	91.5	93.1	94.2	94.4	95.7	96.3	96.3	96.9	96.9	96.9	96.9
≥ 1200 ≥ 1000	89.3	91.1	91.5	91.7	91.6	91.8	93.6	94.7	94.9	96.2	96.8	96.8	97.4	97.4	97.4	97.4
	89.7	91.8	92.2	92.4	92.9	93.1	94.7	95.7	96.0	97.6	98.3	98.3	98.9	98.9	98.9	98.9
≥ 900 ≥ 800	89.7	91.8	92.2	92.4	92.9	93.1	94.7	95.7	96.0	97.6	98.3	98.3	98.9	98.9	98.9	98.9
	89.7	92.0	92.3	92.5	92.6	93.0	94.8	95.9	96.1	97.8	98.6	98.6	99.3	99.3	99.3	99.3
≥ 700 ≥ 600	89.7	92.0	92.3	92.5	92.6	93.0	94.8	95.9	96.1	97.8	98.6	98.6	99.4	99.4	99.4	99.4
	89.7	92.0	92.3	92.5	92.6	93.0	94.8	95.9	96.1	97.8	98.6	98.6	99.4	99.4	99.4	99.4
≥ 500 ≥ 400	89.7	92.0	92.4	92.9	92.9	93.4	95.2	96.2	96.5	98.1	98.9	98.9	99.8	99.8	99.8	99.8
	89.7	92.0	92.4	92.9	93.1	93.6	95.4	96.5	96.7	98.3	99.2	99.2	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	89.7	92.0	92.4	92.9	93.1	93.6	95.4	96.5	96.7	98.3	99.2	99.2	100.0	100.0	100.0	100.0
	89.7	92.0	92.4	92.9	93.1	93.6	95.4	96.5	96.7	98.3	99.2	99.2	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	89.7	92.0	92.4	92.9	93.1	93.6	95.4	96.5	96.7	98.3	99.2	99.2	100.0	100.0	100.0	100.0
	89.7	92.0	92.4	92.9	93.1	93.6	95.4	96.5	96.7	98.3	99.2	99.2	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 866

1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] 57-66 YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] 1706

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	50.9	50.9	50.9	50.9	50.9	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
	57.4	57.4	57.6	57.6	57.6	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 18000	57.2	57.4	57.6	57.6	57.6	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 16000	57.4	57.4	57.6	57.6	57.6	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 14000	57.7	57.9	58.0	58.0	58.0	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 12000	60.3	60.5	60.6	60.6	60.6	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 10000	66.2	66.4	66.5	66.5	66.5	66.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 9000	70.2	70.4	70.6	70.6	70.6	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 8000	74.0	74.3	74.6	75.1	75.3	75.3	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 7000	77.5	78.1	78.6	79.1	79.6	79.6	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 6000	77.7	78.4	78.8	79.3	79.8	79.8	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 5000	78.8	79.8	80.3	80.9	81.3	81.3	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4500	79.1	80.0	80.5	81.1	81.6	81.6	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4000	81.7	82.7	83.2	83.8	84.4	84.4	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	82.6	83.7	84.2	84.8	85.6	85.6	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	84.9	85.3	87.0	87.8	89.1	89.4	90.2	90.3	90.3	90.3	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500	86.1	87.6	88.4	89.2	90.7	90.9	91.7	91.8	91.8	92.4	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	87.0	89.2	90.3	91.1	92.8	93.0	94.0	94.4	94.4	95.0	95.5	95.5	95.6	95.6	95.6	95.6
≥ 1800	87.6	89.2	90.3	91.1	92.8	93.0	94.0	94.4	94.4	95.0	95.5	95.5	95.6	95.6	95.6	95.6
≥ 1500	88.3	90.0	91.0	91.8	93.6	93.9	94.9	95.5	95.5	96.5	97.3	97.3	97.4	97.4	97.4	97.4
≥ 1200	88.4	90.1	91.1	92.0	93.7	94.0	95.0	95.7	95.7	96.7	97.5	97.5	97.6	97.6	97.6	97.6
≥ 1000	88.7	90.7	91.8	92.7	94.6	94.9	96.0	96.8	96.8	98.1	98.9	98.9	99.2	99.2	99.2	99.2
≥ 900	88.7	90.7	91.8	92.7	94.6	94.9	96.0	96.8	96.8	98.1	98.9	98.9	99.2	99.2	99.2	99.2
≥ 800	88.7	91.0	92.2	93.0	94.9	95.3	96.3	97.2	97.2	98.5	99.3	99.3	99.6	99.6	99.6	99.6
≥ 700	88.7	91.0	92.2	93.0	94.9	95.3	96.3	97.2	97.2	98.5	99.3	99.3	99.6	99.6	99.6	99.6
≥ 600	88.7	91.0	92.2	93.0	94.9	95.3	96.3	97.2	97.2	98.5	99.3	99.3	99.6	99.6	99.6	99.6
≥ 500	88.7	91.0	92.2	93.0	94.9	95.3	96.3	97.2	97.2	98.5	99.3	99.3	99.6	99.6	99.6	99.6
≥ 400	88.7	91.0	92.2	93.0	94.9	95.3	96.5	97.3	97.3	98.6	99.5	99.5	100.0	100.0	100.0	100.0
≥ 300	88.7	91.0	92.2	93.0	94.9	95.3	96.5	97.3	97.3	98.6	99.5	99.5	100.0	100.0	100.0	100.0
≥ 200	88.7	91.0	92.2	93.0	94.9	95.3	96.5	97.3	97.3	98.6	99.5	99.5	100.0	100.0	100.0	100.0
≥ 100	88.7	91.0	92.2	93.0	94.9	95.3	96.5	97.3	97.3	98.6	99.5	99.5	100.0	100.0	100.0	100.0
≥ 0	88.7	91.0	92.2	93.0	94.9	95.3	96.5	97.3	97.3	98.6	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 966

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION NAME [redacted] 57-66 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	55.7	56.3	56.3	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
	57.4	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 18000 ≥ 16000	57.4	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
	57.4	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 14000 ≥ 12000	57.6	58.3	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
	58.9	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 10000 ≥ 9000	62.9	63.6	63.6	63.7	63.9	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
	65.2	66.2	66.2	66.3	66.5	66.5	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 8000 ≥ 7000	68.4	70.0	70.1	70.4	70.7	70.7	70.8	70.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2
	74.7	74.5	74.6	75.1	75.5	75.5	75.7	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 6000 ≥ 5000	72.9	74.7	74.8	75.3	75.8	75.8	75.9	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2
	78.9	78.0	78.1	78.8	79.3	79.3	79.4	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4500 ≥ 4000	78.7	78.6	79.0	79.7	80.1	80.1	80.3	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6
	78.7	81.0	81.1	81.8	82.4	82.4	82.5	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500 ≥ 3000	79.9	82.2	82.3	83.0	83.7	83.7	83.8	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2
	82.0	85.0	85.1	86.1	87.0	87.0	87.4	87.5	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2500 ≥ 2000	82.9	85.8	86.0	87.5	88.4	88.5	88.9	89.0	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5
	85.2	89.1	89.6	91.0	92.2	92.3	93.2	93.6	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800 ≥ 1500	85.2	89.1	89.6	91.0	92.2	92.3	93.2	93.6	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3
	85.8	89.7	90.2	91.7	93.3	93.4	94.0	94.9	94.9	96.1	96.5	96.5	96.6	96.6	96.6	96.6
≥ 1200 ≥ 1000	86.2	90.1	90.5	92.3	94.0	94.1	95.3	95.7	95.7	97.3	97.6	97.6	97.8	97.8	97.8	97.8
	86.9	91.0	91.5	93.3	94.9	95.0	96.2	96.7	96.7	98.3	98.7	98.7	98.8	98.8	98.8	98.8
≥ 900 ≥ 800	87.1	91.3	91.7	93.5	95.2	95.3	96.5	96.9	96.9	98.6	99.1	99.1	99.2	99.2	99.2	99.2
	87.1	91.3	91.7	93.5	95.2	95.3	96.2	96.9	96.9	98.6	99.1	99.1	99.2	99.2	99.2	99.2
≥ 700 ≥ 600	87.1	91.3	91.7	93.5	95.2	95.3	96.5	96.9	96.9	98.6	99.1	99.1	99.2	99.2	99.2	99.2
	87.4	91.6	92.1	93.9	95.5	95.6	96.8	97.3	97.3	98.9	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500 ≥ 400	87.4	91.6	92.1	93.9	95.5	95.6	96.8	97.3	97.3	98.9	99.4	99.4	99.5	99.5	99.5	99.5
	87.4	91.7	92.2	94.0	95.6	95.7	96.9	97.4	97.4	99.1	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300 ≥ 200	87.4	91.7	92.2	94.0	95.6	95.7	96.9	97.4	97.4	99.1	99.5	99.5	100.0	100.0	100.0	100.0
	87.4	91.7	92.2	94.0	95.6	95.7	96.9	97.4	97.4	99.1	99.5	99.5	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	87.4	91.7	92.2	94.0	95.6	95.7	96.9	97.4	97.4	99.1	99.5	99.5	100.0	100.0	100.0	100.0
	87.4	91.7	92.2	94.0	95.6	95.7	96.9	97.4	97.4	99.1	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 666

1
2
1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~2421~~ STATION ~~[illegible] JOHNSTON ISLAND~~ STATION NAME ~~57-66~~ YEARS ~~JUL~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~2100-2300~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	57.8	58.6	58.6	58.7	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
	~~58.9~~	~~59.8~~	~~59.8~~	~~59.9~~	~~60.0~~	~~60.0~~	~~60.0~~	~~60.0~~	~~60.0~~	~~60.2~~	~~60.2~~	~~60.2~~	~~60.2~~	~~60.2~~	~~60.2~~	~~60.2~~
≥ 18000 ≥ 16000	58.9	59.8	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2
	~~58.9~~	~~59.8~~	~~59.8~~	~~59.9~~	~~60.0~~	~~60.0~~	~~60.0~~	~~60.0~~	~~60.0~~	~~60.2~~	~~60.2~~	~~60.2~~	~~60.2~~	~~60.2~~	~~60.2~~	~~60.2~~
≥ 14000 ≥ 12000	58.9	59.8	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2
	~~59.9~~	~~61.0~~	~~61.0~~	~~61.1~~	~~61.2~~	~~61.2~~	~~61.2~~	~~61.2~~	~~61.2~~	~~61.3~~	~~61.3~~	~~61.3~~	~~61.3~~	~~61.3~~	~~61.3~~	~~61.3~~
≥ 10000 ≥ 9000	62.9	63.5	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
	~~64.6~~	~~64.9~~	~~64.9~~	~~65.0~~	~~65.2~~	~~65.2~~	~~65.2~~	~~65.2~~	~~65.2~~	~~65.4~~	~~65.4~~	~~65.4~~	~~65.4~~	~~65.4~~	~~65.4~~	~~65.4~~
≥ 8000 ≥ 7000	66.4	68.0	68.1	68.4	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4
	~~71.0~~	~~73.0~~	~~73.2~~	~~73.5~~	~~74.0~~	~~74.0~~	~~74.0~~	~~74.0~~	~~74.0~~	~~74.5~~	~~74.5~~	~~74.5~~	~~74.5~~	~~74.5~~	~~74.5~~	~~74.5~~
≥ 6000 ≥ 5000	72.1	74.1	74.2	74.6	75.1	75.1	75.1	75.1	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5
	~~75.1~~	~~77.2~~	~~77.8~~	~~78.1~~	~~78.6~~	~~78.6~~	~~78.6~~	~~78.6~~	~~78.6~~	~~79.1~~	~~79.1~~	~~79.1~~	~~79.1~~	~~79.1~~	~~79.1~~	~~79.1~~
≥ 4500 ≥ 4000	76.0	78.3	78.8	79.2	79.8	79.8	79.8	79.8	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3
	~~78.5~~	~~81.0~~	~~81.6~~	~~82.0~~	~~82.9~~	~~82.9~~	~~83.0~~	~~83.0~~	~~83.0~~	~~83.5~~	~~83.5~~	~~83.5~~	~~83.5~~	~~83.5~~	~~83.5~~	~~83.5~~
≥ 3500 ≥ 3000	79.7	82.2	82.7	83.2	84.0	84.0	84.2	84.2	84.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8
	~~81.8~~	~~84.4~~	~~85.0~~	~~85.5~~	~~86.3~~	~~86.3~~	~~86.4~~	~~86.4~~	~~86.4~~	~~87.4~~	~~87.4~~	~~87.4~~	~~87.4~~	~~87.4~~	~~87.4~~	~~87.4~~
≥ 2500 ≥ 2000	84.0	86.6	87.2	87.7	88.7	88.8	88.9	88.9	88.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
	~~84.9~~	~~88.1~~	~~88.8~~	~~89.2~~	~~90.7~~	~~90.8~~	~~91.1~~	~~91.3~~	~~91.3~~	~~92.6~~	~~92.6~~	~~92.6~~	~~92.6~~	~~92.6~~	~~92.6~~	~~92.6~~
≥ 1800 ≥ 1500	85.5	88.7	89.4	89.8	91.3	91.4	91.7	91.8	91.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1
	~~86.6~~	~~90.0~~	~~90.8~~	~~91.3~~	~~92.9~~	~~93.0~~	~~93.5~~	~~94.1~~	~~94.1~~	~~95.7~~	~~95.7~~	~~95.7~~	~~95.7~~	~~95.7~~	~~95.7~~	~~95.7~~
≥ 1200 ≥ 1000	87.5	90.9	91.7	92.2	93.9	94.0	94.4	95.0	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
	~~88.4~~	~~91.8~~	~~92.7~~	~~93.1~~	~~94.8~~	~~94.9~~	~~95.4~~	~~96.2~~	~~96.2~~	~~98.1~~	~~98.2~~	~~98.2~~	~~98.2~~	~~98.2~~	~~98.2~~	~~98.2~~
≥ 900 ≥ 800	88.5	92.0	92.8	93.3	94.9	95.0	95.5	96.3	96.3	98.2	98.3	98.3	98.3	98.3	98.3	98.3
	~~88.7~~	~~92.1~~	~~92.9~~	~~93.4~~	~~95.0~~	~~95.2~~	~~95.6~~	~~96.5~~	~~96.5~~	~~98.3~~	~~98.5~~	~~98.5~~	~~98.5~~	~~98.5~~	~~98.5~~	~~98.5~~
≥ 700 ≥ 600	88.9	92.3	93.1	93.6	95.3	95.4	96.0	96.8	96.8	98.7	98.8	98.8	98.8	98.8	98.8	98.8
	~~89.0~~	~~92.4~~	~~93.3~~	~~93.7~~	~~95.4~~	~~95.5~~	~~96.1~~	~~96.9~~	~~96.9~~	~~98.8~~	~~98.9~~	~~98.9~~	~~99.1~~	~~99.1~~	~~99.2~~	~~99.2~~
≥ 500 ≥ 400	89.1	92.6	93.6	94.1	95.7	95.9	96.5	97.3	97.3	99.2	99.3	99.3	99.4	99.4	99.5	99.5
	~~89.1~~	~~92.8~~	~~93.9~~	~~94.1~~	~~95.7~~	~~95.9~~	~~96.5~~	~~97.3~~	~~97.3~~	~~99.4~~	~~99.5~~	~~99.5~~	~~99.6~~	~~99.6~~	~~99.8~~	~~99.8~~
≥ 300 ≥ 200	89.1	92.6	93.6	94.1	95.7	95.9	96.5	97.3	97.3	99.4	99.6	99.6	99.8	99.9	100.0	100.0
	~~89.1~~	~~92.8~~	~~93.6~~	~~94.1~~	~~95.7~~	~~95.9~~	~~96.5~~	~~97.3~~	~~97.3~~	~~99.4~~	~~99.6~~	~~99.6~~	~~99.8~~	~~99.9~~	~~100.0~~	~~100.0~~
≥ 100 ≥ 0	89.1	92.8	93.6	94.1	95.7	95.9	96.5	97.3	97.3	99.4	99.6	99.6	99.8	99.9	100.0	100.0
	~~89.1~~	~~92.8~~	~~93.6~~	~~94.1~~	~~95.7~~	~~95.9~~	~~96.5~~	~~97.3~~	~~97.3~~	~~99.4~~	~~99.6~~	~~99.6~~	~~99.8~~	~~99.9~~	~~100.0~~	~~100.0~~

TOTAL NUMBER OF OBSERVATIONS ~~866~~

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
2
1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20210 STATION | FORT STEPS (WF) STATION NAME | 57-66 YEARS | AS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	60.6	61.6	61.1	61.2	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
	62.5	62.7	62.8	62.9	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 18000 ≥ 16000	62.5	62.7	62.8	62.9	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
	62.5	62.7	62.8	62.9	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 14000 ≥ 12000	62.6	62.8	63.1	63.2	63.5	63.5	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7
	62.6	62.8	63.1	63.2	63.5	63.5	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 10000 ≥ 9000	65.6	66.1	66.5	66.6	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
	66.9	67.4	67.7	68.0	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 8000 ≥ 7000	69.9	70.9	71.2	71.4	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
	74.7	74.2	74.6	74.8	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 6000 ≥ 5000	73.5	75.1	75.5	75.7	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
	77.5	79.6	79.6	79.9	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4500 ≥ 4000	78.2	79.8	80.3	80.6	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
	80.9	82.5	83.3	83.9	85.1	85.1	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3500 ≥ 3000	81.2	82.8	83.7	84.2	85.4	85.4	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
	84.1	85.1	86.5	87.4	88.6	88.6	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2500 ≥ 2000	84.9	87.3	88.9	90.0	91.4	91.4	91.5	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
	85.8	88.4	90.0	91.3	93.0	93.0	93.7	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800 ≥ 1500	86.5	89.6	90.6	91.9	93.8	93.8	94.4	94.6	94.6	94.7	94.8	94.9	94.8	94.8	94.8	94.8
	87.2	90.2	92.0	93.4	95.6	95.6	96.2	96.5	96.5	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200 ≥ 1000	87.6	90.4	92.3	93.7	95.8	95.8	96.5	96.7	96.7	97.7	98.0	98.1	98.1	98.1	98.1	98.1
	87.6	90.4	92.3	93.7	95.8	95.8	96.5	96.7	96.7	98.4	98.9	99.0	99.0	99.0	99.0	99.0
≥ 900 ≥ 800	87.6	90.4	92.3	93.7	95.8	95.8	96.5	96.7	96.7	98.4	98.9	99.0	99.0	99.0	99.1	99.1
	87.8	90.6	92.5	93.9	96.0	96.0	96.7	97.0	97.0	98.7	99.2	99.4	99.5	99.5	99.6	99.6
≥ 700 ≥ 600	87.8	90.6	92.5	93.9	96.0	96.0	96.7	97.0	97.0	98.7	99.2	99.4	99.5	99.5	99.6	99.6
	88.0	90.8	92.6	94.0	96.1	96.1	96.8	97.1	97.1	98.8	99.4	99.5	99.7	99.7	99.8	99.8
≥ 500 ≥ 400	88.0	90.8	92.6	94.0	96.1	96.1	96.8	97.1	97.1	98.8	99.4	99.5	99.7	99.7	99.8	99.8
	88.0	90.8	92.6	94.0	96.1	96.1	96.8	97.1	97.1	98.8	99.4	99.5	99.8	99.8	99.9	99.9
≥ 300 ≥ 200	88.0	90.8	92.6	94.0	96.1	96.1	96.8	97.1	97.1	98.9	99.5	99.6	99.9	99.9	100.0	100.0
	88.0	90.8	92.6	94.0	96.1	96.1	96.8	97.1	97.1	98.9	99.5	99.6	99.9	99.9	100.0	100.0
≥ 100 0	88.0	90.8	92.6	94.0	96.1	96.1	96.8	97.1	97.1	98.9	99.5	99.6	99.9	99.9	100.0	100.0
	88.0	90.8	92.6	94.0	96.1	96.1	96.8	97.1	97.1	98.9	99.5	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~20210~~ STATION ~~FORT SIMPSON~~ NWT CAN STATION NAME ~~57-66~~ YEARS ~~AM~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0100-0500~~ HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.3	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 20000	60.0	60.9	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 18000	60.0	60.9	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 16000	60.0	60.9	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 14000	60.0	61.0	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 12000	60.9	61.8	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 10000	63.2	64.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 9000	64.6	65.9	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	67.6	69.2	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 7000	70.6	72.5	74.0	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 6000	71.4	73.2	74.7	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 5000	73.4	77.6	79.5	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4500	75.9	78.2	80.2	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4000	78.4	81.6	83.2	83.4	84.0	84.1	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	78.5	81.1	83.3	83.5	84.1	84.2	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3000	81.0	83.8	86.5	86.9	88.0	88.1	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2500	83.1	86.1	89.0	89.5	90.5	90.6	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000	84.0	87.1	90.0	90.8	91.9	92.0	93.4	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800	85.1	88.2	91.1	91.8	93.0	93.1	94.5	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	86.3	89.7	92.6	93.3	94.5	94.6	96.1	96.5	96.5	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	87.0	90.4	93.3	94.1	95.3	95.4	96.9	97.3	97.4	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	87.3	90.8	93.7	94.4	95.8	95.9	97.5	98.0	98.1	99.0	99.5	99.6	99.6	99.6	99.6	99.6
≥ 900	87.3	90.8	93.7	94.4	95.8	95.9	97.5	98.0	98.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7
≥ 800	87.4	90.9	93.8	94.5	95.9	96.0	97.6	98.1	98.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0
≥ 700	87.4	90.9	93.8	94.5	95.9	96.0	97.6	98.1	98.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0
≥ 600	87.4	90.9	93.8	94.5	95.9	96.0	97.6	98.1	98.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0
≥ 500	87.4	90.9	93.8	94.5	95.9	96.0	97.6	98.1	98.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0
≥ 400	87.4	90.9	93.8	94.5	95.9	96.0	97.6	98.1	98.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0
≥ 300	87.4	90.9	93.8	94.5	95.9	96.0	97.6	98.1	98.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0
≥ 200	87.4	90.9	93.8	94.5	95.9	96.0	97.6	98.1	98.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	87.4	90.9	93.8	94.5	95.9	96.0	97.6	98.1	98.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0	87.4	90.9	93.8	94.5	95.9	96.0	97.6	98.1	98.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS ~~940~~

1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted]

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.9	51.0	51.0	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4
≥ 20000	53.7	53.8	53.8	53.8	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3
≥ 18000	53.7	53.8	53.8	53.8	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3
≥ 16000	53.7	53.8	53.8	53.8	54.2	54.2	54.4	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3
≥ 14000	54.0	54.1	54.1	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6
≥ 12000	54.8	55.1	55.1	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6
≥ 10000	58.1	58.3	58.3	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9
≥ 9000	59.8	60.0	60.0	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6
≥ 8000	64.8	65.6	65.8	65.9	66.8	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2
≥ 7000	68.7	69.5	69.7	70.0	70.9	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4
≥ 6000	69.6	70.3	70.5	70.9	71.7	71.8	72.0	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3
≥ 5000	74.1	76.0	76.3	76.7	78.0	78.1	78.3	78.6	78.6	78.6	78.7	78.7	78.8	78.8	78.8	78.8
≥ 4500	74.4	76.5	76.9	77.2	78.5	78.6	79.0	79.1	79.1	79.2	79.4	79.4	79.5	79.5	79.5	79.5
≥ 4000	76.9	79.6	80.3	80.6	82.3	82.5	83.4	83.5	83.5	83.9	84.0	84.1	84.1	84.1	84.1	84.1
≥ 3500	77.5	80.3	81.1	81.4	83.0	83.2	84.2	84.3	84.3	84.6	84.7	84.7	84.8	84.8	84.8	84.8
≥ 3000	79.7	82.7	83.8	84.1	85.9	86.1	87.3	87.5	87.5	88.1	88.2	88.2	88.3	88.3	88.3	88.3
≥ 2500	82.0	85.2	86.3	86.8	88.7	89.0	90.4	90.6	90.6	91.5	91.6	91.6	91.7	91.7	91.7	91.7
≥ 2000	83.5	86.7	87.8	88.4	90.3	90.6	92.4	92.7	92.7	94.0	94.1	94.1	94.2	94.2	94.2	94.2
≥ 1800	84.0	87.1	88.3	88.8	90.8	91.1	92.8	93.1	93.1	94.4	94.5	94.5	94.6	94.6	94.6	94.6
≥ 1500	84.5	87.7	88.9	89.6	91.8	92.2	94.4	94.9	94.9	97.1	97.3	97.3	97.5	97.5	97.5	97.5
≥ 1200	85.7	89.0	90.2	90.9	93.1	93.4	95.7	96.2	96.2	98.4	98.6	98.6	98.8	98.8	98.8	98.8
≥ 1000	86.1	89.5	90.6	91.3	93.5	93.9	96.1	96.7	96.7	99.2	99.5	99.5	99.8	99.8	99.8	99.8
≥ 900	86.1	89.5	90.6	91.3	93.5	93.9	96.1	96.7	96.7	99.2	99.5	99.5	99.8	99.8	99.8	99.8
≥ 800	86.1	89.5	90.6	91.3	93.5	93.9	96.1	96.7	96.7	99.2	99.5	99.5	99.8	99.8	99.8	99.8
≥ 700	86.1	89.5	90.6	91.3	93.5	93.9	96.1	96.7	96.7	99.2	99.5	99.5	99.8	99.8	99.8	99.8
≥ 600	86.1	89.5	90.6	91.3	93.5	93.9	96.1	96.7	96.7	99.2	99.5	99.5	99.8	99.8	99.8	99.8
≥ 500	86.1	89.5	90.6	91.3	93.5	93.9	96.1	96.7	96.7	99.2	99.5	99.5	99.9	99.9	99.9	99.9
≥ 400	86.1	89.5	90.6	91.3	93.5	93.9	96.1	96.7	96.7	99.2	99.5	99.5	99.9	99.9	99.9	99.9
≥ 300	86.1	89.5	90.6	91.3	93.5	93.9	96.1	96.7	96.7	99.2	99.5	99.5	99.9	99.9	99.9	99.9
≥ 200	86.1	89.5	90.6	91.3	93.5	93.9	96.1	96.7	96.7	99.2	99.5	99.5	99.9	99.9	100.0	100.0
≥ 100	86.1	89.5	90.6	91.3	93.5	93.9	96.1	96.7	96.7	99.2	99.5	99.5	99.9	99.9	100.0	100.0
≥ 0	86.1	89.5	90.6	91.3	93.5	93.9	96.1	96.7	96.7	99.2	99.5	99.5	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~26216~~ STATION — FORT SIMPSON, N.W.T. (CAN) STATION NAME — ~~57-66~~ YEARS — APR MONTH

~~0900-1100~~ HOUR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES):																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.4	50.6	50.6	50.6	50.9	51.0	51.0	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	57.4	58.2	58.3	58.4	58.6	58.7	58.7	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 18000	57.4	58.2	58.3	58.4	58.6	58.7	58.7	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 16000	57.4	58.2	58.3	58.4	58.6	58.7	58.7	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 14000	57.5	58.5	58.6	58.7	58.9	59.0	59.0	59.1	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 12000	58.9	60.0	60.2	60.3	60.5	60.6	60.6	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 10000	62.6	64.1	64.3	64.7	64.9	65.1	65.1	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 9000	65.7	67.1	67.4	68.0	68.4	68.5	68.6	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 8000	71.7	74.0	74.3	75.4	76.1	76.6	77.1	77.4	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 7000	74.0	76.2	77.0	78.0	78.7	79.1	79.8	80.1	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 6000	74.3	76.6	77.3	78.4	79.1	79.6	80.2	80.5	80.5	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 5000	76.3	78.8	79.7	80.8	81.5	81.9	82.6	82.9	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	76.8	79.2	80.1	81.2	82.2	82.6	83.2	83.5	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	79.1	81.6	82.9	84.1	85.1	85.5	86.2	86.6	86.6	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500	79.9	82.6	83.8	84.9	86.0	86.5	87.2	87.5	87.5	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000	81.1	84.2	85.4	86.7	88.1	88.5	89.4	89.9	89.9	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	82.2	85.9	87.5	88.9	90.5	91.0	91.9	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000	83.2	87.0	88.6	90.0	91.7	92.2	93.1	93.7	93.7	95.3	95.5	95.5	95.6	95.6	95.6	95.6
≥ 1800	83.5	87.3	88.9	90.3	92.0	92.5	93.4	94.0	94.0	95.6	95.8	95.8	95.9	95.9	95.9	95.9
≥ 1500	83.8	88.1	89.8	91.4	93.2	93.7	94.6	95.2	95.2	97.0	97.2	97.3	97.5	97.5	97.5	97.5
≥ 1200	84.2	88.8	90.5	92.2	94.0	94.4	95.5	96.0	96.0	97.8	98.1	98.2	98.4	98.4	98.4	98.4
≥ 1000	84.2	88.8	90.5	92.3	94.2	94.6	95.9	96.6	96.6	99.0	99.2	99.4	99.6	99.6	99.6	99.6
≥ 900	84.2	88.8	90.5	92.3	94.2	94.6	95.9	96.6	96.6	99.0	99.2	99.4	99.6	99.6	99.6	99.6
≥ 800	84.2	88.8	90.5	92.3	94.2	94.6	95.9	96.6	96.6	99.0	99.2	99.4	99.6	99.6	99.6	99.6
≥ 700	84.2	88.8	90.5	92.3	94.2	94.6	95.9	96.6	96.6	99.0	99.4	99.5	99.7	99.7	99.7	99.7
≥ 600	84.2	88.8	90.5	92.3	94.2	94.6	95.9	96.6	96.6	99.0	99.4	99.5	99.7	99.7	99.7	99.7
≥ 500	84.3	88.9	90.6	92.4	94.3	94.7	96.0	96.7	96.7	99.1	99.5	99.6	99.8	99.8	99.8	99.8
≥ 400	84.3	88.9	90.6	92.4	94.3	94.7	96.0	96.7	96.7	99.1	99.5	99.6	99.8	99.9	99.9	99.9
≥ 300	84.3	88.9	90.6	92.4	94.3	94.7	96.0	96.7	96.7	99.1	99.5	99.6	99.8	99.9	99.9	99.9
≥ 200	84.3	88.9	90.6	92.4	94.3	94.7	96.0	96.7	96.7	99.1	99.5	99.6	99.8	99.9	100.0	100.0
≥ 100	84.3	88.9	90.6	92.4	94.3	94.7	96.0	96.7	96.7	99.1	99.5	99.6	99.8	99.9	100.0	100.0
0	84.3	88.9	90.6	92.4	94.3	94.7	96.0	96.7	96.7	99.1	99.5	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 910

1 USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~24210~~ STATION | ~~FORT SIMPSON N.W.T. DOT~~ STATION NAME | ~~57-66~~ YEARS | ~~AP~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~1200-1400~~ GMT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 20000	62.5	63.3	63.4	63.4	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 18000	62.5	63.3	63.4	63.4	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 16000	62.8	63.7	63.8	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 14000	63.2	64.2	64.3	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 12000	64.8	65.8	65.9	65.9	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 10000	69.4	70.5	70.6	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 9000	72.4	73.9	74.0	74.2	74.3	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 8000	76.8	78.7	78.8	79.1	79.5	79.7	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 7000	77.7	79.9	80.1	80.5	81.0	81.2	81.8	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 6000	77.8	80.0	80.2	80.6	81.5	81.7	82.4	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 5000	79.7	81.8	82.2	82.6	83.4	83.7	84.3	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	80.0	82.2	82.5	82.9	83.8	84.0	84.6	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4000	81.9	84.1	84.5	84.9	85.9	86.1	86.9	87.4	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3500	82.7	84.8	85.3	85.7	86.7	86.9	87.6	88.2	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3000	83.8	86.1	86.6	87.1	88.2	88.4	89.2	89.9	89.9	90.4	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500	89.5	88.1	88.5	89.1	90.5	90.8	91.6	92.3	92.3	92.8	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	86.8	89.6	90.0	90.9	92.3	92.5	93.3	94.0	94.1	95.7	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	87.1	89.9	90.3	91.2	92.6	92.8	93.7	94.3	94.4	96.0	96.7	96.7	96.8	96.8	96.8	96.8
≥ 1500	87.5	90.6	91.1	91.9	93.3	93.5	94.4	95.2	95.3	97.0	97.7	97.7	98.1	98.1	98.1	98.1
≥ 1200	87.7	90.9	91.3	92.4	93.9	94.1	95.1	95.8	95.9	97.7	98.5	98.5	98.8	98.8	98.8	98.8
≥ 1000	87.7	91.1	91.5	92.6	94.2	94.5	95.5	96.2	96.3	98.4	99.1	99.1	99.6	99.6	99.6	99.6
≥ 900	87.7	91.1	91.5	92.6	94.2	94.5	95.5	96.2	96.6	98.6	99.4	99.4	99.8	99.8	99.8	99.8
≥ 800	87.7	91.1	91.5	92.6	94.2	94.5	95.5	96.2	96.6	98.6	99.4	99.4	99.8	99.8	99.8	99.8
≥ 700	87.7	91.1	91.5	92.6	94.2	94.5	95.5	96.2	96.6	98.6	99.5	99.6	100.0	100.0	100.0	100.0
≥ 600	87.7	91.1	91.5	92.6	94.2	94.5	95.5	96.2	96.6	98.6	99.5	99.6	100.0	100.0	100.0	100.0
≥ 500	87.7	91.1	91.5	92.6	94.2	94.5	95.5	96.2	96.6	98.6	99.5	99.6	100.0	100.0	100.0	100.0
≥ 400	87.7	91.1	91.5	92.6	94.2	94.5	95.5	96.2	96.6	98.6	99.5	99.6	100.0	100.0	100.0	100.0
≥ 300	87.7	91.1	91.5	92.6	94.2	94.5	95.5	96.2	96.6	98.6	99.5	99.6	100.0	100.0	100.0	100.0
≥ 200	87.7	91.1	91.5	92.6	94.2	94.5	95.5	96.2	96.6	98.6	99.5	99.6	100.0	100.0	100.0	100.0
≥ 100	87.7	91.1	91.5	92.6	94.2	94.5	95.5	96.2	96.6	98.6	99.5	99.6	100.0	100.0	100.0	100.0
≥ 0	87.7	91.1	91.5	92.6	94.2	94.5	95.5	96.2	96.6	98.6	99.5	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS ~~9 AC~~

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24210 STATION | FORT STAMPSON NWT HOT STATION NAME | 57-66 YEARS | JAN MONTH

1200-1700 HOUR (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	61.6	61.7	61.7	61.8	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 18000	61.6	61.7	61.7	61.8	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	61.8	61.9	61.9	62.0	62.0	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 14000	62.4	62.6	62.6	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 12000	64.4	64.6	64.6	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	69.6	69.9	70.0	70.1	70.1	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 9000	72.3	72.6	73.3	73.4	73.5	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 8000	78.5	79.5	80.1	80.3	80.9	81.0	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 7000	79.4	80.3	81.1	81.3	82.2	82.4	82.9	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 6000	79.9	81.1	81.8	82.2	83.1	83.3	83.9	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 5000	82.0	83.3	84.1	84.4	85.4	85.6	86.2	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500	82.2	83.4	84.2	84.5	85.5	85.7	86.3	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4000	86.1	85.7	86.6	86.9	88.1	88.3	89.1	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3500	84.3	86.0	86.9	87.3	88.5	88.7	89.6	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	85.7	87.6	88.5	89.0	90.5	90.8	91.7	92.2	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	86.8	88.7	89.6	90.1	91.6	91.8	92.8	93.2	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	88.2	90.3	91.2	91.7	93.3	93.5	95.3	95.7	95.7	96.3	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	88.2	90.3	91.2	91.7	93.3	93.5	95.3	95.7	95.7	96.3	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	88.6	90.8	91.6	92.2	93.8	94.2	95.9	96.5	96.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	89.2	91.4	92.3	92.8	94.4	94.8	96.6	97.2	97.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	89.2	91.4	92.3	92.8	94.5	94.9	96.8	97.5	97.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	89.2	91.4	92.3	92.8	94.5	94.9	96.8	97.5	97.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	89.2	91.4	92.3	92.8	94.5	94.9	96.8	97.5	97.5	98.9	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	89.2	91.4	92.3	92.8	94.5	94.9	96.8	97.6	97.6	99.1	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	89.2	91.4	92.3	92.8	94.5	94.9	96.8	97.6	97.6	99.1	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	89.2	91.4	92.3	92.8	94.5	94.9	96.8	97.6	97.6	99.1	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	89.2	91.4	92.3	92.8	94.5	94.9	96.8	97.6	97.6	99.1	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	89.2	91.4	92.3	92.8	94.5	94.9	96.8	97.6	97.6	99.1	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	89.2	91.4	92.3	92.8	94.5	94.9	96.8	97.6	97.6	99.1	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	89.2	91.4	92.3	92.8	94.5	94.9	96.8	97.6	97.6	99.1	99.9	99.9	100.0	100.0	100.0	100.0
0	89.2	91.4	92.3	92.8	94.5	94.9	96.8	97.6	97.6	99.1	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 910

1

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24210 STATION — FORT SIMPSON NWT UNIT STATION NAME — 57-66 YEARS — YEAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.2	55.5	55.5	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 20000	59.0	59.5	59.5	59.7	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 18000	59.0	59.5	59.5	59.7	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 16000	59.0	59.5	59.5	59.7	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 14000	59.5	59.9	59.9	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 12000	60.8	61.0	61.0	61.2	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 10000	64.2	64.6	64.6	64.8	64.9	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000	66.8	67.3	67.3	67.7	67.8	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 8000	73.4	74.3	74.3	75.1	75.2	75.3	75.4	75.4	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 7000	75.9	76.8	76.8	77.5	77.6	77.7	77.8	77.8	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 6000	76.3	77.2	77.3	78.3	78.4	78.5	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 5000	78.3	79.2	79.4	80.3	80.4	80.5	80.8	80.8	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500	79.0	80.0	80.1	81.1	81.2	81.3	81.6	81.6	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4000	82.2	83.5	83.7	84.7	84.8	84.9	85.4	85.4	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3500	83.3	85.1	85.2	86.2	86.5	86.6	87.0	87.0	87.0	87.5	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3000	86.0	88.0	88.1	89.2	89.7	89.8	90.2	90.2	90.2	90.9	91.1	91.1	91.3	91.3	91.3	91.3
≥ 2500	86.9	89.1	89.2	90.4	90.9	91.0	91.4	91.4	91.4	92.2	92.4	92.4	92.6	92.6	92.6	92.6
≥ 2000	87.8	90.2	90.5	91.8	92.7	92.8	93.3	93.7	93.7	95.1	95.4	95.4	95.6	95.6	95.6	95.6
≥ 1800	87.8	90.2	90.5	91.8	92.7	92.8	93.3	93.7	93.7	95.1	95.4	95.4	95.6	95.6	95.6	95.6
≥ 1500	88.2	90.6	91.0	92.3	93.1	93.2	93.9	94.2	94.2	96.1	96.7	96.7	96.9	96.9	96.9	96.9
≥ 1200	88.7	91.2	91.5	92.8	93.7	93.8	94.4	94.8	94.8	96.9	97.5	97.5	97.7	97.7	97.7	97.7
≥ 1000	88.9	91.4	91.7	93.0	93.9	94.0	94.9	95.8	95.8	98.3	99.0	99.0	99.2	99.2	99.2	99.2
≥ 900	88.9	91.4	91.7	93.0	93.9	94.0	94.9	95.8	95.8	98.3	99.0	99.0	99.2	99.2	99.2	99.2
≥ 800	88.9	91.4	91.7	93.0	93.9	94.0	94.9	95.8	95.8	98.3	99.1	99.1	99.4	99.4	99.4	99.4
≥ 700	88.9	91.4	91.7	93.0	93.9	94.0	94.9	95.8	95.8	98.3	99.2	99.5	99.7	99.7	99.7	99.7
≥ 600	88.9	91.4	91.7	93.0	93.9	94.0	94.9	95.8	95.8	98.3	99.2	99.5	99.7	99.7	99.7	99.7
≥ 500	88.9	91.4	91.7	93.0	93.9	94.0	94.9	95.8	95.8	98.3	99.2	99.6	99.9	99.9	99.9	99.9
≥ 400	88.9	91.4	91.7	93.0	93.9	94.0	94.9	95.8	95.8	98.3	99.2	99.6	99.9	99.9	100.0	100.0
≥ 300	88.9	91.4	91.7	93.0	93.9	94.0	94.9	95.8	95.8	98.3	99.2	99.6	99.9	99.9	100.0	100.0
≥ 200	88.9	91.4	91.7	93.0	93.9	94.0	94.9	95.8	95.8	98.3	99.2	99.6	99.9	99.9	100.0	100.0
≥ 100	88.9	91.4	91.7	93.0	93.9	94.0	94.9	95.8	95.8	98.3	99.2	99.6	99.9	99.9	100.0	100.0
0	88.9	91.4	91.7	93.0	93.9	94.0	94.9	95.8	95.8	98.3	99.2	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 910

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20410 STATION | FORT SHAFTER, OAHU, HI STATION NAME | 37-66 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	62.2	62.6	62.8	62.9	63.1	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 20000	64.6	65.2	65.4	65.4	65.6	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 18000	74.6	65.2	65.3	65.4	65.6	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 16000	64.6	65.2	65.3	65.4	65.6	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 14000	64.7	65.3	65.4	65.5	65.7	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 12000	65.1	65.8	65.7	65.8	66.0	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 10000	67.6	68.3	68.4	68.5	68.7	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 9000	69.1	70.0	70.2	70.3	70.5	70.6	70.6	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 8000	71.7	72.8	73.0	73.2	73.5	73.7	73.7	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 7000	74.0	75.3	75.6	75.8	76.2	76.3	76.4	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 6000	74.8	76.5	76.8	77.0	77.4	77.5	77.5	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 5000	76.6	78.4	78.7	78.9	79.5	79.6	79.6	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	78.2	80.0	80.3	80.5	81.1	81.2	81.2	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4000	81.0	82.9	83.3	83.7	84.2	84.3	84.3	84.7	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3500	81.7	83.8	84.3	84.6	85.2	85.3	85.5	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3000	84.2	87.2	87.7	88.3	88.8	88.9	89.2	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500	85.7	89.1	89.7	90.2	90.8	90.9	91.3	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	86.2	89.9	90.6	91.3	92.3	92.5	93.7	94.0	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	86.5	90.1	90.9	91.5	92.6	92.8	94.1	94.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	86.9	90.5	91.3	92.2	93.8	94.0	95.3	95.7	95.7	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	87.2	91.0	91.7	92.6	94.2	94.4	95.8	96.5	96.5	97.5	97.8	97.8	97.8	97.8	98.1	98.1
≥ 1000	87.3	91.1	91.8	92.7	94.3	94.5	96.0	96.8	96.8	98.0	98.[illegible]	[illegible]	98.4	98.4	98.7	98.7
≥ 900	87.3	91.1	91.8	92.7	94.3	94.5	96.0	96.8	96.8	98.0	98.[illegible]	[illegible]	98.5	98.5	98.8	98.8
≥ 800	87.3	91.1	91.8	92.7	94.3	94.5	96.0	96.8	96.8	98.0	98.[illegible]	[illegible]	98.6	98.6	98.9	98.9
≥ 700	87.4	91.2	91.9	92.8	94.4	94.6	96.1	96.9	96.9	98.[illegible]	[illegible]	[illegible]	99.1	99.1	99.5	99.5
≥ 600	87.4	91.2	91.9	92.8	94.4	94.6	96.1	96.9	96.9	9[illegible]	98.6	9[illegible]	99.2	99.2	99.6	99.6
≥ 500	87.4	91.2	91.9	92.8	94.4	94.6	96.1	96.9	96.9	98.1	98.6	98.6	99.2	99.2	99.6	99.6
≥ 400	87.4	91.2	91.9	92.8	94.4	94.6	96.1	96.9	96.9	98.1	98.6	98.6	99.4	99.4	99.8	99.8
≥ 300	87.4	91.2	91.9	92.8	94.4	94.6	96.1	96.9	96.9	98.2	98.7	98.7	99.5	99.5	100.0	100.0
≥ 200	87.4	91.2	91.9	92.8	94.4	94.6	96.1	96.9	96.9	98.2	98.7	98.7	99.5	99.5	100.0	100.0
≥ 100	87.4	91.2	91.9	92.8	94.4	94.6	96.1	96.9	96.9	98.2	98.7	98.7	99.5	99.5	100.0	100.0
≥ 0	87.4	91.2	91.9	92.8	94.4	94.6	96.1	96.9	96.9	98.2	98.7	98.7	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2[illegible]0

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~24210~~ STATION ~~FORT STURGEON N&I DOT~~ STATION NAME ~~57-66~~ YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~0000-0100~~

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.1	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	~~62.2~~	~~62.3~~	~~62.3~~	~~62.3~~	~~62.3~~	~~62.3~~	~~62.4~~	~~62.4~~	~~62.4~~	~~62.4~~	~~62.4~~	~~62.4~~	~~62.4~~	~~62.4~~	~~62.4~~	~~62.4~~
≥ 18000	62.2	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 16000	~~62.2~~	~~62.3~~	~~62.3~~	~~62.3~~	~~62.3~~	~~62.3~~	~~62.4~~	~~62.4~~	~~62.4~~	~~62.4~~	~~62.4~~	~~62.4~~	~~62.4~~	~~62.4~~	~~62.4~~	~~62.4~~
≥ 14000	62.2	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 12000	~~63.1~~	~~63.2~~	~~63.2~~	~~63.2~~	~~63.2~~	~~63.2~~	~~63.3~~	~~63.3~~	~~63.3~~	~~63.3~~	~~63.3~~	~~63.3~~	~~63.3~~	~~63.3~~	~~63.3~~	~~63.3~~
≥ 10000	66.1	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 9000	~~66.9~~	~~67.0~~	~~67.0~~	~~67.0~~	~~67.0~~	~~67.0~~	~~67.1~~	~~67.1~~	~~67.1~~	~~67.1~~	~~67.1~~	~~67.1~~	~~67.1~~	~~67.1~~	~~67.1~~	~~67.1~~
≥ 8000	69.0	69.3	69.3	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 7000	~~72.1~~	~~72.4~~	~~72.6~~	~~72.7~~	~~72.7~~	~~72.7~~	~~72.8~~	~~72.8~~	~~72.8~~	~~72.8~~	~~72.8~~	~~72.8~~	~~72.8~~	~~72.8~~	~~72.8~~	~~72.8~~
≥ 6000	73.0	73.3	73.4	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 5000	~~77.2~~	~~78.0~~	~~78.1~~	~~78.3~~	~~78.3~~	~~78.3~~	~~78.4~~	~~78.4~~	~~78.4~~	~~78.4~~	~~78.4~~	~~78.4~~	~~78.4~~	~~78.4~~	~~78.4~~	~~78.4~~
≥ 4500	78.9	79.7	79.8	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4000	~~81.1~~	~~82.3~~	~~82.6~~	~~82.9~~	~~83.2~~	~~83.2~~	~~83.4~~	~~83.6~~	~~83.6~~	~~83.6~~	~~83.6~~	~~83.6~~	~~83.6~~	~~83.6~~	~~83.6~~	~~83.6~~
≥ 3500	83.8	85.0	85.2	85.6	85.9	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3000	~~86.3~~	~~87.6~~	~~87.9~~	~~88.2~~	~~88.9~~	~~88.9~~	~~89.3~~	~~89.4~~	~~89.4~~	~~89.6~~	~~89.6~~	~~89.6~~	~~89.6~~	~~89.6~~	~~89.6~~	~~89.6~~
≥ 2500	87.4	88.7	89.1	89.6	90.3	90.3	91.0	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2000	~~89.1~~	~~90.6~~	~~91.2~~	~~91.7~~	~~92.4~~	~~92.4~~	~~93.7~~	~~93.8~~	~~93.8~~	~~94.1~~	~~94.3~~	~~94.3~~	~~94.3~~	~~94.3~~	~~94.3~~	~~94.3~~
≥ 1800	90.0	91.4	92.1	92.6	93.3	93.3	94.6	94.7	94.7	95.0	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	~~91.3~~	~~92.8~~	~~93.6~~	~~94.0~~	~~94.8~~	~~94.8~~	~~96.0~~	~~96.2~~	~~96.2~~	~~96.8~~	~~97.0~~	~~97.0~~	~~97.0~~	~~97.0~~	~~97.0~~	~~97.0~~
≥ 1200	91.9	93.4	94.4	94.9	95.7	95.7	96.9	97.1	97.2	97.8	98.0	98.0	98.0	98.1	98.1	98.1
≥ 1000	~~92.0~~	~~93.7~~	~~94.8~~	~~95.2~~	~~96.1~~	~~96.1~~	~~97.4~~	~~97.8~~	~~97.9~~	~~99.0~~	~~99.2~~	~~99.2~~	~~99.3~~	~~99.4~~	~~99.4~~	~~99.4~~
≥ 900	92.0	93.7	94.8	95.2	96.1	96.1	97.4	97.8	97.9	99.0	99.2	99.2	99.3	99.4	99.4	99.4
≥ 800	~~92.0~~	~~93.7~~	~~94.8~~	~~95.2~~	~~96.1~~	~~96.1~~	~~97.4~~	~~97.8~~	~~97.9~~	~~99.0~~	~~99.2~~	~~99.2~~	~~99.3~~	~~99.4~~	~~99.4~~	~~99.6~~
≥ 700	92.0	93.7	94.8	95.2	96.1	96.1	97.4	97.8	97.9	99.0	99.3	99.4	99.7	99.8	99.9	99.9
≥ 600	~~92.0~~	~~93.7~~	~~94.8~~	~~95.2~~	~~96.1~~	~~96.1~~	~~97.4~~	~~97.8~~	~~97.9~~	~~99.0~~	~~99.3~~	~~99.4~~	~~99.7~~	~~99.8~~	~~99.9~~	~~99.9~~
≥ 500	92.0	93.7	94.8	95.2	96.1	96.1	97.4	97.8	97.9	99.0	99.3	99.4	99.7	99.9	100.0	100.0
≥ 400	~~92.0~~	~~93.7~~	~~94.8~~	~~95.2~~	~~96.1~~	~~96.1~~	~~97.4~~	~~97.8~~	~~97.9~~	~~99.0~~	~~99.3~~	~~99.4~~	~~99.7~~	~~99.9~~	~~100.0~~	~~100.0~~
≥ 300	92.0	93.7	94.8	95.2	96.1	96.1	97.4	97.8	97.9	99.0	99.3	99.4	99.7	99.9	100.0	100.0
≥ 200	~~92.0~~	~~93.7~~	~~94.8~~	~~95.2~~	~~96.1~~	~~96.1~~	~~97.4~~	~~97.8~~	~~97.9~~	~~99.0~~	~~99.3~~	~~99.4~~	~~99.7~~	~~99.9~~	~~100.0~~	~~100.0~~
≥ 100	92.0	93.7	94.8	95.2	96.1	96.1	97.4	97.8	97.9	99.0	99.3	99.4	99.7	99.9	100.0	100.0
0	~~92.0~~	~~93.7~~	~~94.8~~	~~95.2~~	~~96.1~~	~~96.1~~	~~97.4~~	~~97.8~~	~~97.9~~	~~99.0~~	~~99.3~~	~~99.4~~	~~99.7~~	~~99.9~~	~~100.0~~	~~100.0~~

TOTAL NUMBER OF OBSERVATIONS 900

1 USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~2421~~ STATION ~~FT STEPS~~ STATION NAME ~~NWT~~ ~~MT~~ ~~57-66~~ YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0200-0500~~ (GMT)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.3	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 20000	55.9	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 18000	55.9	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 16000	56.1	56.4	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 14000	56.4	56.6	56.8	56.8	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 12000	56.9	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000	60.6	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 9000	62.1	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 8000	65.4	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 7000	69.2	69.9	70.2	70.2	70.4	70.4	70.4	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 6000	70.4	70.9	71.2	71.2	71.4	71.4	71.4	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 5000	74.9	75.9	76.2	76.3	76.8	76.8	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4500	76.0	77.0	77.3	77.4	78.0	78.0	78.0	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	78.6	79.9	80.3	80.4	81.1	81.1	81.1	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	80.7	82.1	82.6	82.7	83.3	83.3	83.3	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3000	83.8	85.4	85.9	86.1	86.9	87.1	87.1	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2500	85.7	87.4	87.9	88.1	89.4	89.7	89.7	89.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2000	87.9	89.7	90.1	90.3	91.8	92.1	92.2	92.6	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	88.8	90.6	91.0	91.2	92.7	93.0	93.1	93.4	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	89.6	91.3	91.9	92.1	93.7	94.0	94.2	94.9	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	90.1	92.0	92.7	92.9	94.4	94.8	95.0	95.8	95.8	96.6	96.6	96.6	96.7	96.7	96.7	96.7
≥ 1000	90.8	92.7	93.3	93.6	95.2	95.6	95.8	96.8	96.9	98.3	98.6	98.6	99.1	99.1	99.1	99.1
≥ 900	90.8	92.7	93.3	93.6	95.2	95.6	95.8	96.8	96.9	98.3	98.6	98.6	99.1	99.1	99.1	99.1
≥ 800	90.8	92.7	93.3	93.6	95.2	95.6	95.8	96.8	96.9	98.3	98.6	98.6	99.1	99.2	99.2	99.2
≥ 700	91.0	92.9	93.6	93.8	95.4	95.8	96.0	97.0	97.1	98.6	98.8	98.8	99.3	99.4	99.4	99.4
≥ 600	91.0	92.9	93.6	93.8	95.4	95.8	96.0	97.0	97.1	98.6	98.8	98.8	99.3	99.4	99.4	99.4
≥ 500	91.0	92.9	93.6	93.8	95.4	95.8	96.0	97.0	97.1	98.6	98.8	98.8	99.4	99.7	99.7	99.7
≥ 400	91.0	92.9	93.6	93.8	95.4	95.8	96.0	97.0	97.1	98.6	98.8	98.8	99.4	99.8	99.8	99.8
≥ 300	91.0	92.9	93.6	93.8	95.4	95.8	96.0	97.0	97.1	98.6	98.8	98.8	99.4	99.8	99.8	99.8
≥ 200	91.0	92.9	93.6	93.8	95.4	95.8	96.0	97.0	97.1	98.6	98.8	98.8	99.4	99.8	99.8	99.9
≥ 100	91.0	92.9	93.6	93.8	95.4	95.8	96.0	97.0	97.1	98.6	98.8	98.8	99.4	99.8	99.8	100.0
≥ 0	91.0	92.9	93.6	93.8	95.4	95.8	96.0	97.0	97.1	98.6	98.8	98.8	99.4	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24210 STATION | FORT SIMPSON, N.W.T. STATION NAME | 57-66 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.9	47.9	47.9	47.9	48.0	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 20000	52.7	52.7	52.7	52.7	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 18000	52.8	52.8	52.8	52.8	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 16000	52.8	52.8	52.8	52.8	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 14000	53.6	53.6	53.6	53.6	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 12000	54.7	54.7	54.7	54.7	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 10000	59.3	59.4	59.4	59.4	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 9000	62.6	62.6	62.7	62.7	63.1	63.1	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 8000	67.1	67.3	67.4	67.4	67.9	67.9	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000	69.7	70.0	70.1	70.2	70.9	70.9	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 6000	70.9	71.2	71.3	71.4	72.1	72.1	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 5000	75.1	75.8	75.9	76.4	77.1	77.1	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4500	75.2	75.9	76.0	76.7	77.3	77.3	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4000	77.4	78.6	78.8	79.9	80.7	80.7	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500	79.6	80.9	81.1	82.3	83.3	83.3	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000	82.4	83.9	84.1	85.6	86.6	86.7	87.1	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2500	84.8	86.2	86.6	88.0	89.3	89.4	89.9	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	86.2	87.7	88.0	89.4	90.9	91.0	91.7	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1800	86.3	87.8	88.1	89.6	91.0	91.1	91.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500	87.1	88.7	89.0	90.4	91.9	92.0	92.7	93.2	93.2	93.4	93.7	93.7	93.8	93.9	93.9	93.9
≥ 1200	87.8	89.3	89.7	91.1	92.6	92.7	93.3	93.9	93.9	94.3	94.6	94.6	94.7	94.8	94.8	94.8
≥ 1000	89.1	91.1	91.4	93.0	94.7	94.9	95.7	96.2	96.2	97.8	98.1	98.1	98.4	98.6	98.7	98.7
≥ 900	89.1	91.1	91.4	93.0	94.7	94.9	95.7	96.2	96.2	97.8	98.1	98.1	98.4	98.6	98.7	98.7
≥ 800	89.1	91.1	91.4	93.0	94.8	95.0	95.8	96.3	96.3	97.9	98.2	98.2	98.7	98.8	99.2	99.2
≥ 700	89.3	91.3	91.7	93.2	95.0	95.2	96.0	96.6	96.6	98.1	98.4	98.4	98.9	99.0	99.4	99.4
≥ 600	89.3	91.4	91.8	93.3	95.2	95.4	96.2	96.8	96.8	98.3	98.7	98.7	99.1	99.2	99.7	99.7
≥ 500	89.3	91.4	91.8	93.3	95.2	95.4	96.2	96.8	96.8	98.3	98.7	98.7	99.2	99.3	99.8	99.8
≥ 400	89.3	91.4	91.8	93.3	95.2	95.4	96.2	96.8	96.8	98.3	98.7	98.7	99.2	99.4	99.9	99.9
≥ 300	89.3	91.4	91.8	93.3	95.2	95.4	96.2	96.8	96.8	98.3	98.7	98.7	99.2	99.4	99.9	99.9
≥ 200	89.3	91.4	91.8	93.3	95.2	95.4	96.2	96.8	96.8	98.3	98.7	98.7	99.3	99.6	100.0	100.0
≥ 100	89.3	91.4	91.8	93.3	95.2	95.4	96.2	96.8	96.8	98.3	98.7	98.7	99.3	99.6	100.0	100.0
0	89.3	91.4	91.8	93.3	95.2	95.4	96.2	96.8	96.8	98.3	98.7	98.7	99.3	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

1

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] PERIOD | [illegible] STATION NAME | 27-66 YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 20000	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 18000	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 16000	59.8	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 14000	60.7	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 12000	62.1	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 10000	66.1	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 9000	68.4	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	69.2	69.4	69.4	69.4	69.4	69.4	69.4
≥ 8000	71.3	71.8	71.9	71.9	71.9	72.0	72.2	72.3	72.3	72.7	72.9	72.9	72.9	72.9	72.9	72.9
≥ 7000	73.0	73.6	73.7	73.8	74.0	74.1	74.4	74.6	74.6	74.9	75.1	75.1	75.1	75.1	75.1	75.1
≥ 6000	73.3	73.9	74.0	74.1	74.3	74.4	74.8	74.9	74.9	75.2	75.4	75.4	75.4	75.4	75.4	75.4
≥ 5000	75.0	76.3	76.6	76.7	76.9	77.0	77.3	77.4	77.4	77.8	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	76.2	77.0	77.3	77.6	77.8	77.9	78.2	78.3	78.3	78.7	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4000	78.3	79.2	79.6	79.8	80.2	80.3	80.8	80.9	80.9	81.2	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	81.0	82.0	82.3	82.6	83.0	83.1	83.6	83.7	83.7	84.0	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3000	83.1	84.6	84.9	85.3	85.8	85.9	86.3	86.4	86.4	86.8	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	84.2	85.7	86.2	86.9	87.6	87.7	88.1	88.2	88.2	88.6	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2000	86.4	87.9	88.4	89.2	90.0	90.1	90.7	90.9	90.9	91.7	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	86.8	88.2	88.6	89.7	90.7	90.8	91.3	91.6	91.6	92.3	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	88.4	90.0	90.6	91.4	92.6	92.7	93.3	93.7	93.8	94.7	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	89.4	91.1	91.7	92.7	93.9	94.0	94.9	95.2	95.3	96.4	96.9	96.9	96.9	96.9	96.9	96.7
≥ 1000	90.0	92.3	92.9	93.9	95.3	95.4	96.4	97.0	97.1	98.4	98.9	98.9	99.0	99.0	99.0	99.0
≥ 900	90.0	92.3	92.9	93.9	95.3	95.4	96.4	97.0	97.1	98.4	98.9	98.9	99.0	99.0	99.0	99.1
≥ 800	90.7	92.6	93.1	94.1	95.6	95.7	96.7	97.2	97.3	98.7	99.1	99.1	99.2	99.2	99.4	99.4
≥ 700	90.8	92.7	93.2	94.2	95.7	95.8	96.8	97.3	97.4	98.8	99.2	99.2	99.3	99.3	99.5	99.5
≥ 600	90.8	92.7	93.2	94.2	95.7	95.8	96.8	97.3	97.4	98.8	99.2	99.2	99.3	99.3	99.5	99.5
≥ 500	90.8	92.7	93.2	94.2	95.7	95.8	96.8	97.3	97.4	98.8	99.2	99.2	99.6	99.4	99.9	99.9
≥ 400	90.8	92.7	93.2	94.2	95.7	95.8	96.8	97.3	97.4	98.8	99.2	99.2	99.6	99.6	99.9	99.9
≥ 300	90.8	92.7	93.2	94.2	95.7	95.8	96.8	97.3	97.4	98.8	99.2	99.2	99.6	99.6	99.9	99.9
≥ 200	90.8	92.7	93.2	94.2	95.7	95.8	96.8	97.3	97.4	98.8	99.2	99.2	99.6	99.6	99.9	100.0
≥ 100	90.8	92.7	93.2	94.2	95.7	95.8	96.8	97.3	97.4	98.8	99.2	99.2	99.6	99.6	99.9	100.0
0	90.8	92.7	93.2	94.2	95.7	95.8	96.8	97.3	97.4	98.8	99.2	99.2	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible] 700

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION [illegible] STATION NAME 57-66 YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	[illegible]	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 20000	[illegible]	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 18000	[illegible]	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 16000	[illegible]	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 14000	63.1	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 12000	[illegible]	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 10000	69.1	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 9000	[illegible]	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 8000	[illegible]	76.7	76.8	76.4	76.6	76.6	76.6	76.7	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0
≥ 7000	[illegible]	77.0	77.1	77.2	77.3	77.3	77.3	77.4	77.4	77.7	77.8	77.8	77.8	77.8	77.8	77.8
≥ 6000	76.7	77.3	77.4	77.6	77.7	77.7	77.8	77.9	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	[illegible]	79.4	79.9	80.0	80.1	80.1	80.2	80.3	80.3	80.6	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4500	[illegible]	80.7	80.8	80.9	81.0	81.0	81.1	81.2	81.2	81.4	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4000	[illegible]	82.7	82.8	82.9	83.0	83.0	83.2	83.4	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3500	[illegible]	84.7	84.8	84.9	85.0	85.0	85.2	85.4	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	[illegible]	87.3	87.4	87.6	87.7	87.7	87.9	88.1	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500	[illegible]	89.7	90.0	90.1	90.4	90.4	90.8	91.0	91.0	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2000	[illegible]	92.3	92.7	92.9	93.2	93.2	93.7	94.0	94.0	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	[illegible]	92.6	92.9	93.1	93.4	93.4	93.9	94.2	94.2	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	[illegible]	94.2	94.6	94.8	95.1	95.1	95.7	96.1	96.1	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	[illegible]	94.8	95.2	95.4	95.9	95.9	96.4	97.1	97.1	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	[illegible]	95.9	96.3	96.6	97.1	97.1	97.7	98.3	98.3	99.2	99.4	99.4	99.6	99.8	99.8	99.8
≥ 900	[illegible]	96.0	96.3	96.6	97.1	97.1	97.7	98.3	98.3	99.2	99.4	99.4	99.6	99.8	99.8	99.8
≥ 800	[illegible]	96.0	96.3	96.6	97.1	97.1	97.7	98.3	98.3	99.2	99.4	99.4	99.6	99.8	99.8	99.8
≥ 700	[illegible]	96.0	96.3	96.6	97.1	97.1	97.7	98.3	98.3	99.2	99.4	99.4	99.6	99.8	99.8	99.8
≥ 600	[illegible]	96.0	96.3	96.6	97.1	97.1	97.7	98.3	98.3	99.2	99.4	99.4	99.6	99.8	99.8	99.8
≥ 500	[illegible]	96.0	96.3	96.6	97.1	97.1	97.7	98.3	98.3	99.2	99.4	99.4	99.7	99.9	100.0	100.0
≥ 400	[illegible]	96.0	96.3	96.6	97.1	97.1	97.7	98.3	98.3	99.2	99.4	99.4	99.7	99.9	100.0	100.0
≥ 300	[illegible]	95.8	96.3	96.6	97.1	97.1	97.7	98.3	98.3	99.2	99.4	99.4	99.7	99.9	100.0	100.0
≥ 200	[illegible]	95.8	96.3	96.6	97.1	97.1	97.7	98.3	98.3	99.2	99.4	99.4	99.7	99.9	100.0	100.0
≥ 100	[illegible]	95.8	96.3	96.6	97.1	97.1	97.7	98.3	98.3	99.2	99.4	99.4	99.7	99.9	100.0	100.0
≥	[illegible]	95.8	96.3	96.6	97.1	97.1	97.7	98.3	98.3	99.2	99.4	99.4	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 200

1
2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~2021~~ STATION ~~FORT SHERIDAN NAS, ILL~~ STATION NAME ~~57-66~~ YEARS ~~APR~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1500-1700~~ HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 18000 ≥ 16000	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 14000 ≥ 12000	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 10000 ≥ 9000	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 8000 ≥ 7000	79.9	79.9	79.9	80.0	80.1	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
	80.7	80.7	80.7	80.8	80.9	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 6000 ≥ 5000	81.8	81.8	81.8	81.9	82.0	82.0	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
	82.6	82.8	82.8	82.9	83.0	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500 ≥ 4000	83.2	83.2	83.2	83.3	83.4	83.4	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
	86.6	86.6	86.7	86.8	86.9	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3500 ≥ 3000	88.4	88.6	88.7	88.9	89.0	89.0	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
	90.6	91.1	91.2	91.4	91.6	91.6	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500 ≥ 2000	92.0	92.4	92.7	92.9	93.0	93.0	93.0	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
	93.9	94.4	94.7	94.9	95.1	95.2	95.4	95.7	95.7	96.0	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800 ≥ 1500	93.9	94.4	94.7	94.9	95.1	95.2	95.4	95.7	95.7	96.0	96.4	96.4	96.4	96.4	96.4	96.4
	94.3	95.0	95.3	95.6	95.8	95.9	96.2	96.4	96.4	96.8	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200 ≥ 1000	94.8	95.4	95.8	96.0	96.2	96.3	96.7	96.9	96.9	97.3	97.9	97.9	97.9	97.9	97.9	97.9
	95.2	95.8	96.4	96.7	96.9	97.0	97.3	97.7	97.7	98.2	99.0	99.0	99.4	99.4	99.4	99.4
≥ 900 ≥ 800	95.3	96.2	96.7	96.9	97.1	97.2	97.6	97.9	97.9	98.4	99.2	99.2	99.7	99.7	99.7	99.7
	95.3	96.2	96.7	96.9	97.1	97.2	97.6	97.9	97.9	98.4	99.2	99.2	99.8	99.8	99.8	99.8
≥ 700 ≥ 600	95.3	96.2	96.7	96.9	97.2	97.3	97.7	98.0	98.0	98.6	99.3	99.3	99.9	99.9	99.9	99.9
	95.3	96.2	96.7	96.9	97.2	97.3	97.7	98.0	98.0	98.6	99.3	99.3	99.9	99.9	99.9	99.9
≥ 500 ≥ 400	95.3	96.2	96.7	96.9	97.2	97.3	97.7	98.0	98.0	98.6	99.3	99.3	100.0	100.0	100.0	100.0
	95.3	96.2	96.7	96.9	97.2	97.3	97.7	98.0	98.0	98.6	99.3	99.3	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	95.3	96.2	96.7	96.9	97.2	97.3	97.7	98.0	98.0	98.6	99.3	99.3	100.0	100.0	100.0	100.0
	95.3	96.2	96.7	96.9	97.2	97.3	97.7	98.0	98.0	98.6	99.3	99.3	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	95.3	96.2	96.7	96.9	97.2	97.3	97.7	98.0	98.0	98.6	99.3	99.3	100.0	100.0	100.0	100.0
	95.3	96.2	96.7	96.9	97.2	97.3	97.7	98.0	98.0	98.6	99.3	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~20210~~ STATION ~~FORT STEPHENS (GT, OIT~~ STATION NAME ~~57-66~~ YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1 JAN 1960 TO 31 DEC 1966~~

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 18000 ≥ 16000	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 14000 ≥ 12000	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 10000 ≥ 9000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 8000 ≥ 7000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000 ≥ 5000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4500 ≥ 4000	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3500 ≥ 3000	87.7	87.8	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
	89.8	89.9	89.9	89.9	90.1	90.1	90.1	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500 ≥ 2000	91.1	91.2	92.0	92.0	92.2	92.2	92.4	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1
	92.6	93.1	93.9	93.9	94.3	94.3	94.8	95.0	95.0	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800 ≥ 1500	92.6	93.1	93.9	93.9	94.3	94.3	94.8	95.0	95.0	95.8	95.9	95.9	95.9	95.9	95.9	95.9
	92.7	93.4	94.2	94.2	94.7	94.7	95.4	95.6	95.6	96.4	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200 ≥ 1000	93.0	93.8	94.6	94.7	95.1	95.1	95.8	96.0	96.0	96.9	97.2	97.2	97.2	97.2	97.2	97.2
	93.2	94.2	95.1	95.2	95.8	95.8	96.4	96.7	96.8	98.4	99.0	99.0	99.2	99.2	99.2	99.2
≥ 900 ≥ 800	93.2	94.2	95.1	95.2	95.8	95.8	96.4	96.7	96.8	98.4	99.0	99.0	99.2	99.2	99.2	99.2
	93.2	94.2	95.1	95.2	95.8	95.8	96.4	96.7	96.8	98.4	99.0	99.0	99.6	99.6	99.6	99.6
≥ 700 ≥ 600	93.2	94.2	95.1	95.2	95.8	95.8	96.4	96.7	96.8	98.4	99.0	99.1	99.7	99.7	99.7	99.7
	93.2	94.2	95.1	95.2	95.9	95.9	96.6	96.8	96.9	98.6	99.1	99.2	99.8	99.8	99.8	99.8
≥ 500 ≥ 400	93.2	94.2	95.1	95.2	95.9	95.9	96.6	96.8	96.9	98.6	99.1	99.2	99.9	99.9	99.9	99.9
	93.2	94.2	95.1	95.2	95.9	95.9	96.6	96.8	96.9	98.6	99.1	99.2	99.9	99.9	99.9	99.9
≥ 300 ≥ 200	93.2	94.2	95.1	95.2	95.9	95.9	96.6	96.8	96.9	98.6	99.1	99.2	99.9	99.9	99.9	99.9
	93.2	94.2	95.1	95.2	95.9	95.9	96.6	96.8	96.9	98.6	99.1	99.2	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	93.2	94.2	95.1	95.2	95.9	95.9	96.6	96.8	96.9	98.6	99.1	99.2	100.0	100.0	100.0	100.0
	93.2	94.2	95.1	95.2	95.9	95.9	96.6	96.8	96.9	98.6	99.1	99.2	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~24216~~ STATION ~~FORT STAPLETON~~ STATION NAME ~~NOV~~ ~~DEC~~ ~~57-66~~ YEARS ~~JAN~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~2100 TO 2300~~

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 20000	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 18000	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 16000	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 14000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 12000	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 10000	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 9000	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 8000	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 7000	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 6000	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 5000	79.6	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4500	80.8	81.2	81.2	81.3	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4000	83.0	83.7	83.8	84.1	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3500	84.7	85.4	85.6	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3000	87.4	88.4	88.6	88.9	88.9	88.9	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	88.8	89.9	90.2	90.6	90.9	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2000	91.0	92.7	93.1	93.4	94.1	94.1	94.6	94.6	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	91.8	92.9	93.3	93.7	94.4	94.4	95.0	95.0	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	92.7	93.9	94.6	94.9	95.7	95.7	96.2	96.3	96.3	96.4	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	93.4	94.7	95.4	95.8	96.6	96.6	97.1	97.2	97.2	97.6	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	93.7	95.0	95.8	96.1	96.9	96.9	97.4	97.6	97.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	93.7	95.0	95.8	96.1	96.9	96.9	97.4	97.6	97.6	98.7	99.2	99.2	99.4	99.4	99.4	99.4
≥ 800	93.7	95.0	95.8	96.1	96.9	96.9	97.4	97.7	97.7	98.8	99.3	99.3	99.9	99.9	99.9	99.9
≥ 700	93.7	95.0	95.8	96.1	96.9	96.9	97.4	97.7	97.7	98.8	99.4	99.4	100.0	100.0	100.0	100.0
≥ 600	93.7	95.0	95.8	96.1	96.9	96.9	97.4	97.7	97.7	98.8	99.4	99.4	100.0	100.0	100.0	100.0
≥ 500	93.7	95.0	95.8	96.1	96.9	96.9	97.4	97.7	97.7	98.8	99.4	99.4	100.0	100.0	100.0	100.0
≥ 400	93.7	95.0	95.8	96.1	96.9	96.9	97.4	97.7	97.7	98.8	99.4	99.4	100.0	100.0	100.0	100.0
≥ 300	93.7	95.0	95.8	96.1	96.9	96.9	97.4	97.7	97.7	98.8	99.4	99.4	100.0	100.0	100.0	100.0
≥ 200	93.7	95.0	95.8	96.1	96.9	96.9	97.4	97.7	97.7	98.8	99.4	99.4	100.0	100.0	100.0	100.0
≥ 100	93.7	95.0	95.8	96.1	96.9	96.9	97.4	97.7	97.7	98.8	99.4	99.4	100.0	100.0	100.0	100.0
≥ 0	93.7	95.0	95.8	96.1	96.9	96.9	97.4	97.7	97.7	98.8	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~2-21~~ — ~~FLAT STRIP~~ STATION NAME — 57-66 YEARS — ~~AY~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0800-0900~~

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	55.0	55.0	55.0	55.0
≥ 20000	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.5	59.5	59.5	59.5
≥ 18000	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.5	59.5	59.5	59.5
≥ 16000	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.5	59.5	59.5	59.5
≥ 14000	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.7
≥ 12000	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.9	60.9	60.9	60.9
≥ 10000	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.3
≥ 9000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.6	66.6	66.6	66.6
≥ 8000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2
≥ 7000	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5
≥ 6000	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.0
≥ 5000	81.7	81.7	81.7	81.7	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.1
≥ 4500	83.3	83.3	83.3	83.3	83.4	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.7	83.7	83.7	83.7
≥ 4000	88.7	88.7	88.7	88.7	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1
≥ 3500	89.5	89.6	89.7	89.7	89.8	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2
≥ 3000	93.9	93.9	94.0	94.0	94.1	94.1	94.4	94.4	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.7
≥ 2500	93.8	94.5	94.6	94.6	94.8	94.8	95.3	95.3	95.3	95.5	95.7	95.7	95.8	95.8	95.8	95.8
≥ 2000	94.6	95.5	95.7	95.7	95.9	95.9	96.4	96.4	96.4	96.6	96.7	96.7	96.9	96.9	96.9	96.9
≥ 1800	94.6	95.5	95.7	95.7	95.9	95.9	96.4	96.4	96.4	96.6	96.7	96.7	96.9	96.9	96.9	96.9
≥ 1500	95.2	96.2	96.3	96.3	96.5	96.5	97.1	97.3	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8
≥ 1200	95.3	96.6	96.7	96.7	97.0	97.0	97.5	97.7	97.8	98.0	98.2	98.2	98.3	98.3	98.3	98.3
≥ 1000	96.0	97.5	97.6	97.7	97.9	97.9	98.5	98.7	98.8	99.2	99.5	99.5	99.6	99.6	99.6	99.6
≥ 900	96.0	97.5	97.6	97.7	97.9	97.9	98.5	98.7	98.8	99.2	99.5	99.5	99.6	99.6	99.6	99.6
≥ 800	96.2	97.7	97.8	97.9	98.2	98.2	98.7	98.9	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	96.2	97.7	97.8	97.9	98.2	98.2	98.7	98.9	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	96.3	97.8	97.9	98.0	98.3	98.3	98.8	99.0	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	96.3	97.8	97.9	98.0	98.3	98.3	98.8	99.0	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	96.3	97.9	98.0	98.2	98.4	98.4	98.9	99.1	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	96.3	97.9	98.0	98.2	98.4	98.4	98.9	99.1	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	96.3	97.9	98.0	98.2	98.4	98.4	98.9	99.1	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	96.3	97.9	98.0	98.2	98.4	98.4	98.9	99.1	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	96.3	97.9	98.0	98.2	98.4	98.4	98.9	99.1	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 921

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~20210~~ STATION ~~FORT SIMPSON NWT CAN~~ STATION NAME 57-66 YEARS MAY MONTH

~~0100-0500~~ HOUR (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 16000	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 14000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 12000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 10000	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 9000	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 7000	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 6000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 5000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4500	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.7	88.7	88.7	88.7
≥ 3500	89.5	89.5	89.5	89.5	89.5	89.5	89.8	89.8	89.8	89.9	89.9	89.9	90.1	90.1	90.1	90.1
≥ 3000	92.0	92.2	92.2	92.2	92.3	92.3	92.6	92.6	92.6	92.8	92.8	92.8	93.1	93.1	93.1	93.1
≥ 2500	92.3	92.6	92.7	92.8	93.0	93.0	93.3	93.3	93.3	93.6	93.6	93.6	93.8	93.8	93.8	93.8
≥ 2000	93.8	94.3	94.4	94.5	95.0	95.0	95.3	95.3	95.3	95.7	95.7	95.7	95.9	95.9	95.9	95.9
≥ 1800	93.8	94.3	94.4	94.5	95.0	95.0	95.3	95.3	95.3	95.7	95.7	95.7	95.9	95.9	95.9	95.9
≥ 1500	95.1	95.6	95.7	95.8	96.4	96.4	96.7	96.7	96.7	97.1	97.1	97.1	97.3	97.3	97.3	97.3
≥ 1200	95.6	96.2	96.3	96.4	97.1	97.1	97.4	97.4	97.4	97.7	97.7	97.7	97.9	97.9	97.9	97.9
≥ 1000	96.0	96.9	97.0	97.1	97.7	97.7	98.0	98.2	98.2	98.6	98.8	98.8	99.1	99.1	99.1	99.1
≥ 900	96.0	96.9	97.0	97.1	97.7	97.7	98.0	98.2	98.2	98.6	98.8	98.8	99.1	99.1	99.1	99.1
≥ 800	96.5	97.4	97.6	97.7	98.4	98.4	98.7	98.8	98.8	99.2	99.5	99.5	99.8	99.8	99.8	99.8
≥ 700	96.5	97.4	97.6	97.7	98.4	98.4	98.7	98.8	98.8	99.2	99.5	99.5	99.8	99.8	99.8	99.8
≥ 600	96.5	97.4	97.6	97.7	98.4	98.4	98.7	98.8	98.8	99.2	99.5	99.5	99.8	99.8	99.8	99.8
≥ 500	96.5	97.4	97.6	97.7	98.4	98.4	98.7	98.8	98.8	99.2	99.5	99.5	99.9	99.9	99.9	99.9
≥ 400	96.5	97.4	97.7	97.8	98.5	98.5	98.8	98.9	98.9	99.3	99.6	99.6	100.0	100.0	100.0	100.0
≥ 300	96.5	97.4	97.7	97.8	98.5	98.5	98.8	98.9	98.9	99.3	99.6	99.6	100.0	100.0	100.0	100.0
≥ 200	96.5	97.4	97.7	97.8	98.5	98.5	98.8	98.9	98.9	99.3	99.6	99.6	100.0	100.0	100.0	100.0
≥ 100	96.5	97.4	97.7	97.8	98.5	98.5	98.8	98.9	98.9	99.3	99.6	99.6	100.0	100.0	100.0	100.0
≥ 0	96.5	97.4	97.7	97.8	98.5	98.5	98.8	98.9	98.9	99.3	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 922

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[redacted] STATION | FORT STEPHENSON NWT ARPT STATION NAME | 57-66 YEARS | [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] GMT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 20000	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 18000	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 16000	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 14000	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 12000	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 10000	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 7000	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 6000	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 4500	80.8	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4000	87.0	87.0	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3500	87.4	87.4	87.7	87.7	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3000	90.7	91.1	91.3	91.6	91.6	91.6	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2500	91.5	91.9	92.1	92.3	92.3	92.3	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	93.9	94.5	94.8	95.0	95.1	95.1	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	93.9	94.5	94.8	95.0	95.1	95.1	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	95.1	95.8	96.1	96.5	96.6	96.6	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	95.2	95.9	96.2	96.6	96.8	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	97.2	97.8	98.2	98.6	98.7	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	97.4	98.1	98.4	98.8	98.9	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	97.5	98.2	98.5	98.9	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	97.8	98.5	98.8	99.2	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.9	98.6	98.9	99.4	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.9	98.6	98.9	99.4	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.9	98.6	98.9	99.4	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.9	98.6	98.9	99.4	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.9	98.6	98.9	99.4	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.9	98.6	98.9	99.4	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.9	98.6	98.9	99.4	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

1

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20210 (STATION) FORT SIMPSON N.W.T. (STATION NAME) 57-66 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-1100 (HOURS (L.S.T.))

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 20000	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 18000	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 16000	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 14000	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 12000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 10000	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 9000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 8000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 7000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 6000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 5000	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4500	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4000	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3500	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3000	89.0	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2500	90.2	90.5	90.7	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	92.4	93.4	93.6	93.7	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800	92.5	93.5	93.7	93.8	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500	94.2	95.2	95.5	95.7	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	94.4	95.6	95.8	96.0	96.3	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	96.0	97.3	97.7	97.9	98.3	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	96.3	97.6	98.1	98.3	98.6	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	96.4	97.7	98.2	98.4	98.7	98.8	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	96.8	98.1	98.5	98.7	99.0	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	96.9	98.2	98.6	98.8	99.1	99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.9	98.2	98.6	98.8	99.1	99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.9	98.2	98.6	98.8	99.1	99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.9	98.2	98.6	98.8	99.1	99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.9	98.2	98.6	98.8	99.1	99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.9	98.2	98.6	98.8	99.1	99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.9	98.2	98.6	98.8	99.1	99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 926

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~2nd Lt~~ STATION ~~FIRST STEPS IN NWT QUIT~~ STATION NAME ~~27-66~~ YEARS ~~MAY~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1200-1400~~ HOUR (L or GMT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 20000	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 18000	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 16000	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 14000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 12000	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 10000	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 9000	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 8000	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 7000	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 6000	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 5000	81.1	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4500	82.6	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4000	86.7	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3500	88.1	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3000	90.9	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	91.5	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	94.5	94.9	95.0	95.2	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	94.7	95.1	95.2	95.4	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	95.7	96.4	96.5	96.7	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	96.2	97.0	97.1	97.3	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	97.7	98.5	98.6	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	98.0	98.8	98.9	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	98.2	98.9	99.0	99.2	99.2	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	98.2	98.9	99.0	99.2	99.2	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	98.5	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.6	99.3	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.6	99.3	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.6	99.3	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.6	99.3	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.6	99.3	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.6	99.3	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 923

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26210 STATION NO. FORT SIMPSON NWT CAN STATION NAME 57-66 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 20000	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 18000	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 16000	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 14000	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 12000	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 10000	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 9000	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 7000	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4000	89.3	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3500	90.0	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3000	93.1	93.5	93.6	93.7	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	94.2	94.6	94.7	94.8	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000	95.5	96.0	96.1	96.2	96.2	96.3	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	95.5	96.0	96.1	96.2	96.2	96.3	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	96.1	96.7	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	96.4	97.0	97.1	97.2	97.2	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	97.8	98.4	98.5	98.6	98.6	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	97.8	98.4	98.5	98.6	98.6	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	98.0	98.5	98.6	98.7	98.7	98.8	98.8	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	98.1	98.6	98.7	98.8	98.8	98.9	98.9	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	98.4	98.9	99.0	99.1	99.2	99.4	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	98.4	98.9	99.0	99.1	99.2	99.4	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	98.4	98.9	99.0	99.1	99.2	99.4	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300	98.4	98.9	99.0	99.1	99.2	99.4	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	98.4	98.9	99.0	99.1	99.2	99.4	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	98.4	98.9	99.0	99.1	99.2	99.4	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	98.4	98.9	99.0	99.1	99.2	99.4	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~2621U~~ STATION ~~POINT STEPHEN NWT W.T~~ STATION NAME ~~57-66~~ YEARS AV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1600-2000~~

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 20000	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 18000	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 16000	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 14000	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 12000	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 10000	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 9000	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 8000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 7000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 6000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 5000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4500	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4000	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	96.4	96.8	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	96.5	96.9	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	97.7	98.1	98.1	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	97.7	98.1	98.1	98.1	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	98.1	98.4	98.4	98.4	98.5	98.5	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	98.1	98.4	98.4	98.4	98.5	98.5	98.7	98.8	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 600	98.3	98.6	98.6	98.6	98.7	98.7	98.9	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 500	98.3	98.6	98.6	98.6	98.7	98.7	98.9	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 400	98.3	98.6	98.6	98.6	98.7	98.7	98.9	99.2	99.2	99.6	99.6	99.7	99.9	99.9	100.0	100.0
≥ 300	98.3	98.6	98.6	98.6	98.7	98.7	98.9	99.2	99.2	99.6	99.6	99.7	99.9	99.9	100.0	100.0
≥ 200	98.3	98.6	98.6	98.6	98.7	98.7	98.9	99.2	99.2	99.6	99.6	99.7	99.9	99.9	100.0	100.0
≥ 100	98.3	98.6	98.6	98.6	98.7	98.7	98.9	99.2	99.2	99.6	99.6	99.7	99.9	99.9	100.0	100.0
≥ 0	98.3	98.6	98.6	98.6	98.7	98.7	98.9	99.2	99.2	99.6	99.6	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 327

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~20240~~ STATION ~~FIRST STRIPSHOW RWY UNIT~~ STATION NAME ~~57-66~~ YEARS ~~AY~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~2106-2300~~ HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 20000	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 18000	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 16000	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 14000	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 12000	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 9000	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 8000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 7000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 6000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4000	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2000	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	96.4	96.4	96.4	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	96.5	96.5	96.5	96.6	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	97.8	97.8	97.8	98.0	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	97.8	97.8	97.8	98.0	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	98.3	98.3	98.3	98.5	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	98.3	98.3	98.3	98.5	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 600	98.4	98.5	98.5	98.7	98.8	98.9	98.9	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 500	98.4	98.5	98.5	98.7	98.8	98.9	98.9	99.5	99.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0
≥ 400	98.4	98.5	98.5	98.7	98.8	98.9	98.9	99.5	99.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0
≥ 300	98.4	98.5	98.5	98.7	98.8	98.9	98.9	99.5	99.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0
≥ 200	98.4	98.5	98.5	98.7	98.8	98.9	98.9	99.5	99.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0
≥ 100	98.4	98.5	98.5	98.7	98.8	98.9	98.9	99.5	99.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0
≥ 0	98.4	98.5	98.5	98.7	98.8	98.9	98.9	99.5	99.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 923

1

2

DATA PROCESSING DIVISION
SUF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24210 STATION NO. | FT STEPHEN AUT STATION NAME | 57-66 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.2	53.2	53.2	53.3	53.3	53.3	53.3
≥ 20000	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.6	57.6	57.6	57.7	57.7	57.7	57.7
≥ 18000	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.7	57.7	57.7	57.8	57.8	57.8	57.8
≥ 16000	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.0	58.0	58.0	58.1	58.1	58.1	58.1
≥ 14000	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.6	58.6	58.6	58.7	58.7	58.7	58.7
≥ 12000	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9	59.9	59.9	59.9
≥ 10000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.1	63.1	63.1	63.2	63.2	63.2	63.2
≥ 9000	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.0
≥ 8000	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.9	70.9	70.9	71.0	71.0	71.0	71.0
≥ 7000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.6	73.6	73.6	73.7	73.7	73.7	73.7
≥ 6000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.8	75.8	75.8	75.9	75.9	75.9	75.9
≥ 5000	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.4	82.4	82.4	82.4
≥ 4500	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.6	83.6	83.6	83.6
≥ 4000	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.2
≥ 3500	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.4	92.4	92.4	92.4
≥ 3000	93.4	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 2500	93.6	93.7	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.2	94.2	94.2	94.3	94.3	94.3	94.3
≥ 2000	94.3	94.6	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 1800	94.3	94.6	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 1500	95.8	96.1	96.2	96.3	96.4	96.4	96.6	96.6	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 1200	96.1	96.4	96.6	96.7	96.8	96.8	96.9	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 1000	96.9	97.6	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 900	96.9	97.6	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 800	97.0	97.7	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6
≥ 700	97.1	97.8	97.9	98.0	98.2	98.2	98.4	98.4	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 600	97.4	98.1	98.2	98.3	98.6	98.6	98.8	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 500	97.7	98.4	98.8	98.9	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 400	97.7	98.4	98.8	98.9	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 300	97.7	98.4	98.8	98.9	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 200	97.7	98.4	98.8	98.9	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.9	100.0
≥ 100	97.7	98.4	98.8	98.9	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.9	100.0
≥ 0	97.7	98.4	98.8	98.9	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

1

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOUR (LST) _____

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4
≥ 20000	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1
≥ 18000	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1
≥ 16000	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4
≥ 14000	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3
≥ 12000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0
≥ 10000	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2
≥ 9000	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7
≥ 8000	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1
≥ 7000	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8
≥ 6000	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4
≥ 5000	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4
≥ 4500	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9
≥ 4000	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 3500	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7
≥ 3000	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4
≥ 2500	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9
≥ 2000	93.3	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3
≥ 1800	93.3	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3
≥ 1500	94.9	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 1200	95.0	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 1000	96.8	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 900	96.8	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 800	97.2	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 700	97.2	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 600	97.8	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 500	97.3	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2
≥ 400	97.3	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2
≥ 300	97.3	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2
≥ 200	97.6	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.8	99.8	99.8	99.8
≥ 100	97.6	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.4	99.9	99.9	99.9	100.0
≥ 0	97.6	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A100 250 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FORT SIMPSON, NORTHWEST TERRITORIES, CANADA. REVISED UNIFORM SU--ETC(U)
JAN 72

UNCLASSIFIED USAFETAC/DS-81/045 SBIE-AD-E850 073 NL

3 OF 5
AD
A100250

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26210 STATION | FORT SIMPSON INT AUT STATION NAME | 57-66 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800 HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 20000	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7
≥ 18000	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7
≥ 16000	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8
≥ 14000	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2
≥ 12000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.6	58.6	58.6	58.6
≥ 10000	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.6	62.6	62.6	62.6
≥ 9000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
≥ 8000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.4	73.4	73.4	73.4
≥ 7000	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.2	76.2	76.2	76.2
≥ 6000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.0	77.0	77.0	77.0
≥ 5000	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.4	82.4	82.4	82.4
≥ 4500	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.9	82.9	82.9	82.9
≥ 4000	87.9	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4	88.4	88.4	88.4
≥ 3500	88.4	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.0	89.0	89.0	89.0
≥ 3000	90.9	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.6	91.7	91.7	91.7
≥ 2500	92.0	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8
≥ 2000	94.7	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.6	94.6	94.6	94.6
≥ 1800	93.7	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.6	94.6	94.6	94.6
≥ 1500	95.7	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.7	96.7	96.7	96.7
≥ 1200	96.2	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2
≥ 1000	97.7	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7
≥ 900	97.7	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7
≥ 800	98.2	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2
≥ 700	98.3	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3
≥ 600	98.6	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6
≥ 500	98.6	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6
≥ 400	98.6	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7
≥ 300	98.6	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7
≥ 200	98.6	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7
≥ 100	98.6	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9
0	98.6	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

1

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24216 STATION — FORT STEPHEN WRIGHT STATION NAME — 57-66 YEARS — JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0800-1100 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 18000 16000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 14000 12000	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 10000 9000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 8000 7000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 6000 5000	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4500 4000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3500 3000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500 2000	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800 1500	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200 1000	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900 800	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 700 600	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500 400	98.9	99.4	99.4	99.4	99.4	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
	98.9	99.4	99.4	99.4	99.4	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300 200	98.9	99.4	99.4	99.4	99.4	99.4	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
	98.9	99.4	99.4	99.4	99.4	99.4	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100 0	98.9	99.4	99.4	99.4	99.4	99.4	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
	98.9	99.4	99.4	99.4	99.4	99.4	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26210 (STATION) PORT SIMPSON N&T DOT (STATION NAME) 57-66 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 18000 ≥ 16000	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 14000 ≥ 12000	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 10000 ≥ 9000	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 8000 ≥ 7000	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 6000 ≥ 5000	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
	78.4	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4500 ≥ 4000	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500 ≥ 3000	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500 ≥ 2000	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
	94.3	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800 ≥ 1500	94.9	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
	96.8	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200 ≥ 1000	97.2	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
	97.7	98.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900 ≥ 800	97.9	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	97.9	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700 ≥ 600	97.9	98.9	99.0	99.0	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	97.9	98.9	99.0	99.0	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500 ≥ 400	98.2	99.2	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	98.2	99.2	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300 ≥ 200	98.2	99.2	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	98.2	99.2	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0	98.2	99.2	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	98.2	99.2	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24210 STATION | FORT SIMPSON N.W.T. STATION NAME | 57-64 YEARS | JULY MONTH | 1200-1700 (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 20000	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 18000	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 16000	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 14000	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 12000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 10000	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 9000	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 8000	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 7000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 6000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 5000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3500	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 1800	95.9	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6
≥ 1500	96.9	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6
≥ 1200	97.0	97.4	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 1000	97.8	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 900	97.9	98.3	98.3	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 800	97.9	98.3	98.3	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 700	98.1	98.6	98.6	98.7	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 600	98.1	98.6	98.6	98.7	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 500	98.1	98.6	98.6	98.7	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	98.1	98.6	98.6	98.7	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	98.1	98.6	98.6	98.7	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	98.1	98.6	98.6	98.7	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	98.1	98.6	98.6	98.7	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	98.1	98.6	98.6	98.7	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~26210~~ STATION ~~FIRST STAMPSON NWT~~ STATION NAME 57-66 YEARS ~~JUNE~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1400-2000~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 20000	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 18000	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 14000	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 12000	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 10000	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 8000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 7000	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 6000	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 5000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4000	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	96.8	97.0	97.1	97.1	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	96.8	97.3	97.4	97.4	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	97.3	97.9	98.0	98.0	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	97.3	98.1	98.3	98.3	98.3	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	98.0	98.8	99.0	99.0	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	98.0	98.8	99.0	99.0	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	98.0	98.8	99.0	99.0	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	98.0	98.8	99.0	99.0	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	98.2	99.1	99.4	99.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.2	99.1	99.4	99.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.2	99.1	99.4	99.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.2	99.1	99.4	99.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.2	99.1	99.4	99.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.2	99.1	99.4	99.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.2	99.1	99.4	99.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~72210~~ STATION ~~FIRST STAMPSIN AFB ALT~~ STATION NAME ~~57-66~~ YEARS ~~JUL~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~2100-2300~~ LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 20000	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 16000	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 14000	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 12000	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 9000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 8000	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 7000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 5000	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4500	86.3	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4000	91.3	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	91.9	92.0	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	94.9	95.1	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2500	95.3	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	96.1	96.6	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	96.2	96.7	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	97.2	97.6	97.9	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	97.2	98.0	98.1	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	97.6	98.3	98.4	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	97.6	98.4	98.6	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	97.6	98.4	98.6	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	97.6	98.4	98.6	98.9	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	98.1	99.0	99.1	99.4	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.1	99.0	99.2	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.1	99.0	99.2	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.1	99.0	99.2	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.1	99.0	99.2	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.1	99.0	99.2	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.1	99.0	99.2	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~24210~~ STATION ~~FORT SIMPSON N.W.T. CAN~~ STATION NAME ~~57-66~~ YEARS ~~JUL~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0000-0300~~

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	52.5	52.8	52.8	52.9	52.9	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
	55.3	55.6	55.6	55.7	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 18000 ≥ 16000	55.3	55.6	55.6	55.7	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
	55.3	55.6	55.6	55.7	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000 ≥ 12000	56.0	56.3	56.3	56.5	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
	57.8	57.8	57.8	58.0	58.0	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 10000 ≥ 9000	60.5	60.9	60.9	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
	63.8	64.1	64.1	64.2	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 8000 ≥ 7000	69.7	70.0	70.0	70.1	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
	71.2	71.5	71.5	71.6	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 6000 ≥ 5000	72.5	72.8	72.8	72.9	72.9	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
	80.3	80.6	80.6	80.8	80.8	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4500 ≥ 4000	81.1	81.4	81.4	81.5	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
	86.5	86.8	86.8	86.9	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500 ≥ 3000	87.1	87.4	87.4	87.5	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
	90.3	90.6	90.6	90.8	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500 ≥ 2000	90.9	91.2	91.2	91.3	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
	92.9	93.4	93.4	93.5	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800 ≥ 1500	93.1	93.7	93.7	93.8	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
	93.8	94.3	94.5	94.6	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200 ≥ 1000	94.6	95.3	95.5	95.6	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
	95.5	96.6	96.8	96.9	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900 ≥ 800	95.8	97.0	97.3	97.4	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
	96.0	97.2	97.5	97.6	98.1	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700 ≥ 600	96.2	97.5	97.8	98.0	98.5	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	96.2	97.6	98.0	98.2	98.7	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500 ≥ 400	96.2	97.6	98.0	98.2	98.7	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	96.4	97.7	98.1	98.3	98.8	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300 ≥ 200	96.3	97.7	98.1	98.3	98.8	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	96.3	97.7	98.1	98.3	98.8	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100 0	96.3	97.7	98.1	98.3	98.8	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
	96.3	97.7	98.1	98.3	98.8	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~26210~~ STATION — ~~FORT STEPSON ARMY DEPT~~ STATION NAME — ~~57-66~~ YEARS — ~~JUL~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.6	52.2	52.2	52.4	52.5	52.5	52.9	52.9	52.9	52.9	52.9	52.9	53.2	53.2	53.3	53.3
≥ 20000	55.2	55.5	55.5	55.7	55.8	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.6	56.6	56.7	56.7
≥ 18000	55.2	55.5	55.5	55.7	55.8	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.6	56.6	56.7	56.7
≥ 16000	55.2	55.5	55.5	55.7	55.8	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.6	56.6	56.7	56.7
≥ 14000	55.8	56.1	56.1	56.3	56.5	56.5	56.9	56.9	56.9	56.9	56.9	56.9	57.2	57.2	57.3	57.3
≥ 12000	58.7	59.0	59.0	59.2	59.4	59.4	59.8	59.8	59.8	59.8	59.8	59.8	60.1	60.1	60.2	60.2
≥ 10000	61.8	62.2	62.2	62.4	62.5	62.5	62.9	62.9	62.9	62.9	62.9	62.9	63.2	63.2	63.3	63.3
≥ 9000	65.4	65.7	65.7	65.9	66.0	66.0	66.5	66.5	66.5	66.5	66.5	66.5	66.8	66.8	66.9	66.9
≥ 8000	72.5	72.8	72.9	73.1	73.3	73.3	73.8	73.8	73.8	73.8	73.8	73.8	74.1	74.1	74.2	74.2
≥ 7000	74.1	74.4	74.5	74.7	74.9	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.7	75.7	75.8	75.8
≥ 6000	74.7	75.1	75.2	75.4	75.6	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.3	76.3	76.5	76.5
≥ 5000	80.4	80.8	80.9	81.1	81.3	81.3	81.7	81.7	81.7	81.7	81.7	81.7	82.0	82.0	82.2	82.2
≥ 4500	81.1	81.4	81.5	81.7	81.9	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.7	82.7	82.8	82.8
≥ 4000	85.7	86.0	86.1	86.3	86.6	86.6	87.0	87.0	87.0	87.0	87.1	87.1	87.4	87.4	87.5	87.5
≥ 3500	86.3	86.7	86.8	87.0	87.2	87.2	87.6	87.6	87.6	87.6	87.7	87.7	88.1	88.1	88.2	88.2
≥ 3000	87.8	88.2	88.3	88.5	88.7	88.7	89.1	89.1	89.1	89.1	89.2	89.2	89.6	89.6	89.7	89.7
≥ 2500	88.2	88.5	88.6	88.8	89.0	89.0	89.5	89.5	89.5	89.5	89.6	89.6	89.9	89.9	90.0	90.0
≥ 2000	89.5	89.9	90.0	90.2	90.4	90.4	90.9	90.9	90.9	90.9	91.0	91.0	91.3	91.3	91.4	91.4
≥ 1800	89.6	90.0	90.1	90.3	90.5	90.5	91.0	91.0	91.0	91.0	91.1	91.1	91.4	91.4	91.5	91.5
≥ 1500	90.5	91.0	91.1	91.3	91.6	91.6	92.0	92.0	92.0	92.0	92.2	92.2	92.5	92.5	92.6	92.6
≥ 1200	91.2	91.6	91.8	92.0	92.4	92.4	92.8	92.8	92.8	92.8	92.9	92.9	93.2	93.2	93.3	93.3
≥ 1000	92.7	93.1	93.3	93.9	94.2	94.2	94.7	94.8	94.8	94.8	94.9	94.9	95.3	95.3	95.4	95.4
≥ 900	93.0	93.8	94.0	94.5	94.8	94.8	95.4	95.5	95.5	95.5	95.6	95.6	95.9	95.9	96.0	96.0
≥ 800	96.1	96.9	95.2	95.7	96.0	96.0	96.7	96.8	96.8	96.8	96.9	96.9	97.2	97.2	97.3	97.3
≥ 700	94.3	95.2	95.5	96.0	96.3	96.3	97.0	97.1	97.1	97.1	97.2	97.2	97.5	97.5	97.6	97.6
≥ 600	94.5	95.4	95.7	96.2	96.6	96.6	97.3	97.4	97.4	97.4	97.5	97.5	97.8	97.8	98.0	98.0
≥ 500	94.9	95.8	96.1	96.7	97.0	97.0	97.7	97.8	97.8	97.8	98.0	98.0	98.3	98.3	98.4	98.4
≥ 400	95.1	95.9	96.2	96.8	97.1	97.1	98.0	98.1	98.1	98.1	98.2	98.2	98.5	98.5	98.6	98.6
≥ 300	95.3	96.1	96.5	97.0	97.3	97.3	98.2	98.3	98.3	98.3	98.4	98.4	98.7	98.7	98.8	98.8
≥ 200	95.4	96.2	96.8	97.3	97.6	97.6	98.5	98.6	98.6	98.6	98.7	98.7	99.2	99.2	99.4	99.4
≥ 100	95.4	96.2	96.8	97.3	97.6	97.6	98.5	98.6	98.6	98.6	98.8	98.8	99.6	99.6	99.8	99.8
≥ 0	95.4	96.2	96.8	97.3	97.6	97.6	98.5	98.6	98.6	98.6	98.8	98.8	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

24210 STATION | FORT SIMPSON N.W.T. STATION NAME | 57-66 YEARS | JUL MONTH

0600-0900

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.5	52.0	52.3	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.9	52.9
≥ 20000	56.7	57.2	57.4	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.0	58.0	58.1	58.1
≥ 18000	56.8	57.3	57.5	57.6	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.2	58.2
≥ 16000	56.9	57.4	57.6	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.3	58.3
≥ 14000	57.2	57.7	58.0	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.6	58.6
≥ 12000	60.3	61.0	61.2	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.8	61.8
≥ 10000	63.2	63.9	64.1	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.7	64.7
≥ 9000	66.9	67.5	67.7	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.4	68.4
≥ 8000	71.5	72.2	72.4	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	73.0	73.0
≥ 7000	73.0	73.7	73.9	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.5	74.5
≥ 6000	74.2	74.8	75.1	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.7	75.7
≥ 5000	79.0	79.7	80.0	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.6	80.6
≥ 4500	79.2	79.9	80.2	80.3	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	81.0	81.0
≥ 4000	84.4	85.1	85.4	85.5	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.2	86.2
≥ 3500	85.2	85.8	86.1	86.2	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	87.0	87.0
≥ 3000	86.9	87.5	87.8	88.0	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.7	88.7
≥ 2500	88.0	88.6	88.9	89.0	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.8	89.8
≥ 2000	90.1	90.9	91.3	91.4	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.2	92.2
≥ 1800	90.1	90.9	91.3	91.4	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.2	92.2
≥ 1500	91.3	92.0	92.6	92.7	93.3	93.3	93.5	93.5	93.5	93.8	93.8	93.8	93.9	93.9	94.0	94.0
≥ 1200	91.5	92.5	93.1	93.2	93.9	93.9	94.1	94.1	94.1	94.3	94.3	94.3	94.4	94.4	94.5	94.5
≥ 1000	92.8	94.0	94.9	95.1	95.7	95.7	96.0	96.5	96.5	96.7	96.7	96.7	96.8	96.8	96.9	96.9
≥ 900	92.9	94.3	95.3	95.4	96.0	96.0	96.5	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.3	97.3
≥ 800	93.9	95.3	96.2	96.3	97.0	97.0	97.4	97.8	97.8	98.1	98.1	98.1	98.2	98.2	98.3	98.3
≥ 700	94.1	95.6	96.6	96.7	97.3	97.3	97.7	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.6	98.6
≥ 600	94.1	95.6	96.6	96.7	97.3	97.3	97.7	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.6	98.6
≥ 500	94.4	96.0	97.0	97.1	97.7	97.7	98.2	98.6	98.6	98.8	98.8	98.8	98.9	98.9	99.0	99.0
≥ 400	94.4	96.1	97.1	97.2	97.8	97.8	98.4	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.2	99.2
≥ 300	94.5	96.2	97.2	97.3	98.0	98.0	98.5	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.4	99.4
≥ 200	94.6	96.3	97.3	97.4	98.1	98.1	98.7	99.1	99.1	99.5	99.5	99.5	99.6	99.6	99.7	99.7
≥ 100	94.6	96.3	97.3	97.4	98.1	98.1	98.7	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9
0	94.6	96.3	97.3	97.4	98.1	98.1	98.7	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24210 STATION — FORT SIMPSON INT ARPT STATION NAME — 57-66 YEARS — JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.4	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 20000	58.8	59.7	59.7	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 18000	59.0	59.9	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 16000	59.1	60.0	60.0	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 14000	59.9	60.8	60.8	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 12000	62.7	63.5	63.5	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	68.2	69.0	69.0	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 9000	72.6	73.4	73.4	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	75.9	76.8	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 7000	76.3	77.2	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 6000	76.7	77.5	77.5	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 5000	79.1	80.0	80.0	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4500	79.4	80.2	80.2	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4000	82.5	83.3	83.3	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	83.8	84.4	84.4	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3000	85.3	86.3	86.3	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2500	87.0	88.1	88.1	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2000	89.2	90.4	90.4	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	89.5	90.6	90.6	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1500	91.2	92.4	92.5	93.1	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	92.3	93.7	93.8	94.4	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	94.3	96.0	96.1	97.1	97.6	97.8	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	94.6	96.1	96.2	97.2	97.7	98.0	98.2	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	95.1	96.7	96.8	97.7	98.3	98.5	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	95.1	96.8	96.9	98.0	98.5	98.7	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	95.3	97.0	97.1	98.3	98.8	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	95.4	97.2	97.3	98.5	99.0	99.2	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	95.5	97.3	97.4	98.6	99.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.5	97.3	97.4	98.6	99.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.5	97.3	97.4	98.6	99.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.5	97.3	97.4	98.6	99.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.5	97.3	97.4	98.6	99.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] 57-66 YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] 1200 thru 1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.4	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 20000	58.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 18000	58.8	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 16000	58.8	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 14000	59.6	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 12000	60.9	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 10000	65.8	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 9000	69.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 8000	71.5	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 7000	71.9	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 6000	74.5	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 5000	78.8	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4500	80.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000	83.2	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3500	84.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3000	88.2	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2500	90.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000	93.4	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1500	94.8	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	95.5	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1000	96.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	96.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	96.9	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	96.9	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	97.2	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	97.2	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	97.2	98.9	99.1	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.2	98.9	99.1	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.2	98.9	99.1	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.2	98.9	99.1	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.2	98.9	99.1	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~26210~~ STATION ~~FORT SMITH IN MET OFF~~ STATION NAME 57-66 YEARS ~~JUL~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1200-1700~~ HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.7	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 20000	57.6	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 18000	58.0	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 16000	58.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 14000	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 12000	61.6	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 10000	64.9	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 9000	66.6	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 8000	71.2	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 7000	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000	75.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 5000	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4500	84.0	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4000	86.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	94.5	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	96.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	96.7	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	96.9	97.7	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	97.2	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	97.4	98.6	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	97.3	98.6	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	97.6	99.0	99.0	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	97.7	99.1	99.1	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.7	99.1	99.1	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.7	99.1	99.1	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.7	99.1	99.1	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.7	99.1	99.1	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.7	99.1	99.1	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 942

1

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~2121C~~ STATION ~~Point Mugu NAF~~ STATION NAME 57-66 YEARS ~~July~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~1600-2000~~

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5 16	≥ ¼	≥ 0
NO CEILING	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 20000	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 18000	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 16000	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 12000	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 10000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 9000	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 8000	75.7	75.8	75.8	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	76.9	77.0	77.0	77.0	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	79.7	79.9	79.9	79.9	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 5000	86.1	86.3	86.3	86.3	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500	86.8	87.0	87.0	87.0	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4000	89.0	90.2	90.2	90.2	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	90.0	90.6	90.6	90.6	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000	93.4	94.1	94.1	94.1	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2500	94.7	95.4	95.4	95.4	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	95.9	96.6	96.6	96.6	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	95.9	96.6	96.6	96.6	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	96.2	96.9	96.9	96.9	97.0	97.0	97.3	97.3	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	96.7	97.4	97.4	97.4	97.5	97.5	97.8	97.8	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	96.7	97.4	97.4	97.4	97.6	97.6	98.0	98.0	98.0	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	97.1	98.2	98.2	98.2	98.4	98.4	98.7	98.7	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	97.1	98.4	98.4	98.5	98.7	98.7	99.0	99.0	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	97.1	98.4	98.4	98.5	98.7	98.7	99.0	99.0	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	97.2	98.7	98.7	98.8	99.0	99.0	99.4	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.2	98.7	98.7	98.8	99.0	99.0	99.4	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.2	98.7	98.7	98.8	99.0	99.0	99.4	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.2	98.7	98.7	98.8	99.0	99.0	99.4	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.2	98.7	98.7	98.8	99.0	99.0	99.4	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.2	98.7	98.7	98.8	99.0	99.0	99.4	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.2	98.7	98.7	98.8	99.0	99.0	99.4	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~20216~~ STATION ~~FIRST IMPSN NR1 UNIT~~ STATION NAME 57-66 YEARS ~~ALL~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~2100-2200~~ HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.1	53.1	53.1	53.1	53.1	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 20000	~~57.8~~	~~57.8~~	~~57.8~~	~~57.8~~	~~57.8~~	~~57.8~~	~~58.2~~	~~58.2~~	~~58.2~~	~~58.2~~	~~58.2~~	~~58.2~~	~~58.2~~	~~58.2~~	~~58.2~~	~~58.2~~
≥ 18000	58.1	58.1	58.1	58.1	58.1	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 16000	~~58.3~~	~~58.3~~	~~58.3~~	~~58.3~~	~~58.4~~	~~58.3~~	~~58.6~~	~~58.6~~	~~58.6~~	~~58.6~~	~~58.6~~	~~58.6~~	~~58.6~~	~~58.6~~	~~58.6~~	~~58.6~~
≥ 14000	60.2	60.2	60.2	60.2	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 12000	~~62.0~~	~~62.0~~	~~62.0~~	~~62.0~~	~~62.0~~	~~62.0~~	~~62.4~~	~~62.4~~	~~62.4~~	~~62.4~~	~~62.4~~	~~62.4~~	~~62.4~~	~~62.4~~	~~62.4~~	~~62.4~~
≥ 10000	65.2	65.3	65.3	65.3	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 9000	~~69.6~~	~~69.6~~	~~69.6~~	~~69.6~~	~~69.6~~	~~69.6~~	~~69.9~~	~~69.9~~	~~69.9~~	~~69.9~~	~~69.9~~	~~69.9~~	~~69.9~~	~~69.9~~	~~69.9~~	~~69.9~~
≥ 8000	74.3	74.4	74.4	74.4	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 7000	~~75.3~~	~~75.4~~	~~75.4~~	~~75.4~~	~~75.4~~	~~75.4~~	~~75.7~~	~~75.7~~	~~75.7~~	~~75.7~~	~~75.7~~	~~75.7~~	~~75.7~~	~~75.7~~	~~75.7~~	~~75.7~~
≥ 6000	76.8	76.9	76.9	76.9	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 5000	~~83.3~~	~~83.5~~	~~83.5~~	~~83.5~~	~~83.5~~	~~83.5~~	~~83.9~~	~~83.9~~	~~83.9~~	~~83.9~~	~~83.9~~	~~83.9~~	~~83.9~~	~~83.9~~	~~83.9~~	~~83.9~~
≥ 4500	84.6	84.8	84.8	84.8	84.8	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	~~88.7~~	~~88.9~~	~~88.9~~	~~88.9~~	~~88.9~~	~~88.9~~	~~89.2~~	~~89.2~~	~~89.2~~	~~89.2~~	~~89.2~~	~~89.2~~	~~89.2~~	~~89.2~~	~~89.2~~	~~89.2~~
≥ 3500	89.4	89.6	89.6	89.6	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000	~~93.0~~	~~93.2~~	~~93.2~~	~~93.2~~	~~93.3~~	~~93.3~~	~~93.8~~	~~93.8~~	~~93.8~~	~~93.8~~	~~93.8~~	~~93.8~~	~~93.8~~	~~93.8~~	~~93.8~~	~~93.8~~
≥ 2500	94.1	94.3	94.3	94.3	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	~~95.4~~	~~95.8~~	~~95.8~~	~~95.8~~	~~95.9~~	~~95.9~~	~~96.3~~	~~96.3~~	~~96.3~~	~~96.3~~	~~96.3~~	~~96.3~~	~~96.3~~	~~96.3~~	~~96.3~~	~~96.3~~
≥ 1800	95.3	95.8	95.8	95.8	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	~~95.5~~	~~96.1~~	~~96.1~~	~~96.1~~	~~96.3~~	~~96.3~~	~~96.8~~	~~97.0~~	~~97.0~~	~~97.0~~	~~97.0~~	~~97.0~~	~~97.0~~	~~97.0~~	~~97.0~~	~~97.0~~
≥ 1200	96.6	96.5	96.5	96.5	96.7	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	~~96.7~~	~~97.4~~	~~97.4~~	~~97.4~~	~~97.6~~	~~97.6~~	~~98.3~~	~~98.5~~	~~98.5~~	~~98.5~~	~~98.5~~	~~98.5~~	~~98.5~~	~~98.5~~	~~98.5~~	~~98.5~~
≥ 900	97.3	98.4	98.4	98.4	98.6	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	~~97.3~~	~~98.4~~	~~98.4~~	~~98.4~~	~~98.6~~	~~98.6~~	~~99.2~~	~~99.5~~	~~99.5~~	~~99.5~~	~~99.5~~	~~99.5~~	~~99.5~~	~~99.5~~	~~99.5~~	~~99.5~~
≥ 700	97.3	98.5	98.5	98.5	98.7	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	~~97.3~~	~~98.7~~	~~98.7~~	~~98.7~~	~~98.9~~	~~98.9~~	~~99.6~~	~~99.8~~	~~99.8~~	~~99.8~~	~~99.8~~	~~99.8~~	~~99.8~~	~~99.8~~	~~99.8~~	~~99.8~~
≥ 500	97.3	98.7	98.7	98.7	98.9	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	~~97.3~~	~~98.7~~	~~98.7~~	~~98.7~~	~~98.9~~	~~98.9~~	~~99.7~~	~~99.9~~	~~99.9~~	~~99.9~~	~~99.9~~	~~99.9~~	~~99.9~~	~~99.9~~	~~99.9~~	~~99.9~~
≥ 300	97.4	98.8	98.8	98.8	99.0	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	~~97.4~~	~~98.8~~	~~98.8~~	~~98.8~~	~~99.0~~	~~99.0~~	~~99.8~~	~~100.0~~	~~100.0~~	~~100.0~~	~~100.0~~	~~100.0~~	~~100.0~~	~~100.0~~	~~100.0~~	~~100.0~~
≥ 100	97.4	98.8	98.8	98.8	99.0	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	~~97.4~~	~~98.8~~	~~98.8~~	~~98.8~~	~~99.0~~	~~99.0~~	~~99.8~~	~~100.0~~	~~100.0~~	~~100.0~~	~~100.0~~	~~100.0~~	~~100.0~~	~~100.0~~	~~100.0~~	~~100.0~~

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
USAF ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26210 STATION NUMBER — FORT STEPHEN WRIGHT OUT STATION NAME — 57-66 YEARS — AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
UNLIMITED	60.2	60.5	60.8	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.4	61.4	61.5	61.9
≥ 20000	61.7	61.8	62.0	62.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.7	62.7	62.8	62.8
≥ 18000	61.7	61.8	62.0	62.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.7	62.7	62.8	62.8
≥ 16000	61.7	61.8	62.0	62.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.7	62.7	62.8	62.8
≥ 14000	61.9	62.0	62.3	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.9	62.9	63.0	63.0
≥ 12000	63.7	63.8	64.0	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6	64.7	64.7
≥ 10000	66.9	67.0	67.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.8	67.8	68.0	68.0
≥ 9000	68.7	68.8	69.0	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.7	69.7	69.8	69.8
≥ 8000	71.0	71.1	71.3	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.9	71.9	72.0	72.0
≥ 7000	77.4	77.5	77.7	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.4	78.4	78.5	78.5
≥ 6000	79.5	79.7	79.9	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5	80.5	80.6	80.6
≥ 5000	84.9	85.2	85.4	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.1	86.1
≥ 4500	86.0	86.2	86.5	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.1	87.1	87.2	87.2
≥ 4000	89.2	89.5	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.4	90.4	90.5	90.5
≥ 3500	90.8	90.1	90.4	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.1	91.1	91.2	91.2
≥ 3000	91.3	91.6	91.9	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.7	92.7
≥ 2500	92.7	93.0	93.3	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.1	94.1
≥ 2000	94.4	94.1	94.6	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.2	95.2	95.3	95.3
≥ 1800	94.1	94.4	94.7	94.7	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.5	95.5	95.6	95.6
≥ 1500	95.1	95.4	95.7	95.7	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.5	96.5	96.6	96.6
≥ 1200	96.0	96.3	96.7	96.7	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.5	97.5
≥ 1000	96.8	97.1	97.4	97.4	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.3	98.3
≥ 900	96.9	97.2	97.5	97.5	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.4	98.4
≥ 800	97.0	97.3	97.6	97.6	98.2	98.2	98.4	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.6	98.6
≥ 700	97.1	97.4	97.7	97.7	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.7	98.7
≥ 600	97.1	97.4	97.7	97.7	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.7	98.7
≥ 500	97.3	97.6	98.0	98.0	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	99.0	99.0
≥ 400	97.3	97.6	98.0	98.0	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	99.0	99.0
≥ 300	97.4	97.7	98.1	98.1	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.1	99.1
≥ 200	97.5	98.0	98.3	98.3	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.4	99.4
≥ 100	97.5	98.0	98.3	98.3	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.7	99.9
≥ 0	97.5	98.0	98.3	98.3	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 940

1

USAF ETAC FORM JULY 68 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~20210~~ STATION ~~FORT STERLING NAT INT~~ STATION NAME ~~57-66~~ YEARS ~~AUG~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0300-0500~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	51.2	51.5	51.8	51.9	51.9	51.9	52.0	52.0	52.0	52.4	52.6	52.8	53.2	53.2	53.5	54.1
	53.4	53.8	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.6	54.8	54.8	55.5	55.5	55.8	56.3
≥ 18000 ≥ 16000	53.4	53.8	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.6	54.8	54.8	55.5	55.5	55.8	56.3
	53.4	53.8	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.6	54.8	54.8	55.5	55.5	55.8	56.3
≥ 14000 ≥ 12000	53.7	54.0	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.8	55.1	55.1	55.7	55.7	56.0	56.6
	58.8	56.1	56.5	56.6	56.6	56.6	56.7	56.7	56.7	57.0	57.2	57.2	57.8	57.8	58.2	58.7
≥ 10000 ≥ 9000	59.4	59.7	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.5	60.8	60.8	61.4	61.4	61.7	62.3
	61.7	62.0	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.9	63.1	63.1	63.8	63.8	64.1	64.6
≥ 8000 ≥ 7000	66.1	66.5	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.3	67.5	67.5	68.2	68.2	68.5	69.0
	71.3	71.7	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.6	72.8	72.8	73.4	73.4	73.8	74.3
≥ 6000 ≥ 5000	72.5	72.9	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.8	74.0	74.0	74.6	74.6	74.9	75.5
	77.4	77.7	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.6	78.8	78.8	79.5	79.5	79.8	80.3
≥ 4500 ≥ 4000	78.8	79.4	79.7	79.8	79.8	79.8	79.9	79.9	79.9	80.2	80.4	80.4	81.1	81.1	81.4	81.9
	84.3	84.8	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.7	85.9	85.9	86.6	86.6	86.9	87.4
≥ 3500 ≥ 3000	85.2	85.7	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.6	86.8	86.8	87.4	87.4	87.7	88.3
	86.0	86.6	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.4	87.6	87.6	88.3	88.3	88.6	89.1
≥ 2500 ≥ 2000	87.0	87.6	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.5	88.7	88.7	89.4	89.4	89.7	90.2
	88.3	88.9	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.8	90.0	90.0	90.6	90.6	91.0	91.5
≥ 1800 ≥ 1500	88.7	89.4	89.7	89.8	89.8	89.8	89.9	89.9	89.9	90.2	90.4	90.4	91.1	91.1	91.4	91.9
	89.7	90.3	90.6	90.8	90.8	90.8	90.9	90.9	90.9	91.2	91.4	91.4	92.0	92.0	92.4	92.9
≥ 1200 ≥ 1000	90.5	91.3	91.6	91.7	91.7	91.7	91.8	91.8	91.8	92.2	92.4	92.4	93.0	93.0	93.3	93.9
	92.0	92.8	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.9	94.1	94.1	94.7	94.7	95.1	95.6
≥ 900 ≥ 800	92.0	92.8	93.3	93.5	93.5	93.5	93.7	93.7	93.7	94.0	94.2	94.2	94.8	94.8	95.2	95.7
	92.5	93.2	93.8	94.0	94.0	94.0	94.2	94.2	94.2	94.5	94.7	94.7	95.4	95.4	95.7	96.2
≥ 700 ≥ 600	92.5	93.2	93.8	94.0	94.0	94.0	94.2	94.2	94.2	94.5	94.7	94.7	95.4	95.4	95.7	96.2
	92.9	93.7	94.2	94.4	94.4	94.4	94.6	94.6	94.6	94.9	95.2	95.2	95.8	95.8	96.1	96.7
≥ 500 ≥ 400	93.5	94.3	94.8	95.1	95.1	95.1	95.3	95.3	95.3	95.6	95.8	95.8	96.8	96.8	97.1	97.6
	93.5	94.3	94.8	95.1	95.1	95.1	95.3	95.3	95.3	95.6	95.8	95.8	96.8	96.8	97.1	97.6
≥ 300 ≥ 200	93.7	94.4	94.9	95.2	95.3	95.3	95.5	95.5	95.5	95.8	96.0	96.0	97.0	97.0	97.4	98.0
	93.8	94.7	95.3	95.5	95.6	95.6	95.8	95.8	95.8	96.1	96.3	96.3	97.4	97.4	98.2	98.7
≥ 100 0	93.8	94.7	95.3	95.5	95.6	95.6	95.8	95.8	95.8	96.1	96.3	96.3	97.4	97.4	98.3	99.2
	93.8	94.7	95.3	95.5	95.6	95.6	95.8	95.8	95.8	96.1	96.3	96.3	97.4	97.4	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~26210~~ STATION ~~FORT SHERIDAN NAS FORT~~ STATION NAME ~~57-66~~ YEARS ~~AUG~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0600-0800~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	94.8	45.3	45.5	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	46.1	46.1	46.2	47.0
≥ 20000	51.1	51.5	51.7	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.4	52.4	52.5	53.2
≥ 18000	51.1	51.5	51.7	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.4	52.4	52.5	53.2
≥ 16000	51.1	51.5	51.7	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.4	52.4	52.5	53.2
≥ 14000	52.0	52.5	52.7	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	53.3	53.3	53.4	54.2
≥ 12000	54.1	54.5	54.7	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	55.4	55.4	55.5	56.2
≥ 10000	59.4	59.8	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.6	60.6	60.8	61.5
≥ 9000	63.2	63.7	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.5	64.5	64.6	65.4
≥ 8000	69.5	69.9	70.2	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.9	70.9	71.0	71.7
≥ 7000	71.7	72.2	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	73.1	73.1	73.2	74.0
≥ 6000	72.8	73.2	73.5	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	74.3	74.3	74.4	75.2
≥ 5000	76.9	77.3	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	78.4	78.4	78.5	79.2
≥ 4500	77.8	78.3	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	79.4	79.4	79.5	80.2
≥ 4000	82.3	82.7	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.8	83.8	83.9	84.6
≥ 3500	82.8	83.2	83.5	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	84.3	84.3	84.4	85.2
≥ 3000	84.1	84.5	84.8	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.6	85.6	85.7	86.5
≥ 2500	85.6	86.0	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	87.1	87.1	87.2	88.0
≥ 2000	88.7	89.1	89.5	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.4	90.4	90.5	91.3
≥ 1800	88.7	89.1	89.5	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.4	90.4	90.5	91.3
≥ 1500	90.5	91.0	91.4	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	92.4	92.4	92.5	93.2
≥ 1200	91.2	91.6	92.0	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	93.0	93.0	93.1	93.9
≥ 1000	93.4	94.0	94.4	94.7	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	95.5	95.5	95.6	96.3
≥ 900	93.4	94.0	94.4	94.7	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	95.5	95.5	95.6	96.3
≥ 800	94.3	94.8	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.9	96.0	96.0	96.6	96.6	96.7	97.4
≥ 700	94.3	94.8	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.9	96.0	96.0	96.6	96.6	96.7	97.4
≥ 600	94.8	95.2	95.6	95.9	96.0	96.0	96.1	96.1	96.1	96.2	96.3	96.3	96.9	96.9	97.0	97.7
≥ 500	94.9	95.3	95.9	96.2	96.3	96.3	96.5	96.5	96.5	96.7	96.8	96.8	97.3	97.3	97.4	98.2
≥ 400	94.9	95.3	95.9	96.2	96.3	96.3	96.5	96.5	96.5	96.7	96.9	96.9	97.4	97.4	97.5	98.3
≥ 300	95.2	95.7	96.1	96.5	96.6	96.6	96.8	96.8	96.8	97.0	97.5	97.5	98.1	98.1	98.2	98.9
≥ 200	95.2	95.8	96.2	96.6	96.7	96.7	96.9	96.9	96.9	97.1	97.8	97.8	98.4	98.4	98.5	99.6
≥ 100	95.2	95.8	96.2	96.6	96.7	96.7	96.9	96.9	96.9	97.1	97.8	97.8	98.4	98.4	98.5	99.7
≥ 0	95.2	95.8	96.2	96.6	96.7	96.7	96.9	96.9	96.9	97.1	97.8	97.8	98.4	98.4	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 940

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~2821~~ STATION ~~FIRST SIMPSON NAT UNIT~~ STATION NAME ~~57-66~~ YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0800-1100~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.9	46.2	46.5	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 20000	52.4	52.7	52.9	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 18000	52.5	52.8	53.0	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 16000	52.9	53.2	53.4	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 14000	55.1	55.4	55.6	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 12000	57.6	58.0	58.2	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 10000	63.2	63.7	63.9	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 9000	68.4	68.7	68.9	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 8000	72.8	73.2	73.5	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 7000	74.1	74.5	74.8	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 6000	74.6	75.1	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 5000	76.0	76.6	77.0	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4500	76.6	77.1	77.3	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4000	78.9	79.6	80.0	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3500	79.7	80.4	80.9	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3000	81.8	82.6	83.0	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	83.4	84.2	84.6	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	87.7	88.5	88.9	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	87.8	88.6	89.0	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1500	92.3	93.1	93.5	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200	93.2	94.1	94.5	94.8	94.8	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	95.9	96.8	97.6	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	96.3	97.2	98.1	98.4	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	96.8	97.6	98.5	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	97.0	98.0	98.8	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	97.0	98.0	98.8	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	97.1	98.1	98.9	99.2	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	97.1	98.1	98.9	99.2	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	97.1	98.1	98.9	99.2	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	97.1	98.1	98.9	99.2	99.2	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 100	97.1	98.1	98.9	99.2	99.2	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 0	97.1	98.1	98.9	99.2	99.2	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 910

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~26210~~ STATION ~~FORT SIMPSON NWT (A)~~ STATION NAME 57-66 YEARS ~~AUG~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1300 & 1600~~

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ 4	≥ 0
NO CEILING	48.0	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 20000	55.2	55.9	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 18000	55.3	56.0	56.0	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 16000	55.8	56.6	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 14000	57.0	57.7	57.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 12000	59.0	59.8	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 10000	63.9	64.6	64.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 9000	68.5	69.2	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 8000	72.3	73.0	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 7000	74.1	73.9	73.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 6000	73.7	74.4	74.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 5000	74.7	75.5	75.5	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4500	75.9	76.7	76.7	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4000	78.0	79.4	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500	80.3	81.1	81.1	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3000	84.0	85.4	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500	88.6	89.4	89.4	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	92.2	92.9	92.9	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	92.6	93.3	93.3	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	95.2	96.0	96.0	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	95.8	96.1	96.1	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	97.5	98.5	98.6	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	97.5	98.5	98.6	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	97.6	98.6	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	97.7	98.9	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.8	99.0	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.8	99.0	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.8	99.0	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.8	99.0	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.8	99.0	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.8	99.0	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.8	99.0	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2-213 STATION — FORT STEPS IN NOT NOT STATION NAME — 57-66 YEARS — JULY MONTH — 1400-1700 HOUR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.2	50.9	50.9	50.9	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	59.7	60.3	60.3	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 18000	60.0	60.6	60.6	60.6	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 16000	60.5	61.2	61.2	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 14000	61.3	61.9	61.9	61.9	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 12000	62.2	62.8	62.8	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 10000	67.3	68.0	68.0	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 9000	72.9	73.5	73.5	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 8000	76.5	77.2	77.2	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 7000	78.0	78.7	78.7	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 6000	79.0	79.8	79.8	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 5000	82.5	83.2	83.2	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500	84.0	84.7	84.7	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	87.6	88.4	88.4	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3500	88.6	89.4	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	90.8	91.5	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2500	92.6	93.3	93.4	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000	94.4	95.2	95.3	95.3	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	94.5	95.3	95.4	95.4	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	96.1	96.9	97.0	97.0	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	96.6	97.3	97.4	97.4	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	97.5	98.4	98.5	98.5	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	97.5	98.4	98.5	98.5	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	97.5	98.4	98.5	98.6	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	97.8	98.7	98.9	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.8	98.7	98.9	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	97.8	98.7	98.9	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.0	98.8	99.0	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.0	98.8	99.0	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.0	98.8	99.0	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.0	98.8	99.0	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.0	98.8	99.0	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 936

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~24210~~ STATION ~~FORT SIMPSON~~ STATION NAME ~~NWT (CAN)~~ ~~57-66~~ YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1800 TO 2000~~

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 20000	60.4	60.8	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 18000	60.5	60.9	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 16000	60.5	60.9	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 14000	61.7	62.0	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 12000	63.4	63.5	63.7	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	69.5	69.8	69.9	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 9000	75.4	75.5	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 8000	78.8	79.1	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	80.8	80.8	80.9	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 6000	82.4	82.7	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000	85.7	86.0	86.1	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4500	86.7	87.0	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4000	91.1	91.4	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	91.7	92.0	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3000	93.6	93.9	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	94.5	95.2	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	95.3	96.1	96.3	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	95.5	96.1	96.3	96.6	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1500	96.7	97.3	97.5	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	96.7	97.3	97.5	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	97.6	98.7	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	97.6	98.7	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	97.6	98.7	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	97.6	98.7	99.0	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.6	98.7	99.0	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.6	98.7	99.0	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.6	98.7	99.0	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.6	98.7	99.0	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.6	98.7	99.0	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.6	98.7	99.0	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.6	98.7	99.0	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~24215~~ STATION — FORT STEPSON NWT (DOT) STATION NAME — 57-66 YEARS — 6/6 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~2100-2300~~ HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.6	58.1	58.1	58.3	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.7
≥ 20000	~~60.4~~	~~60.8~~	~~60.9~~	~~61.1~~	~~61.3~~	~~61.3~~	~~61.3~~	~~61.3~~	~~61.3~~	~~61.4~~	~~61.4~~	~~61.4~~	~~61.4~~	~~61.4~~	~~61.4~~	~~61.5~~
≥ 18000	60.4	60.9	60.9	61.1	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.5
≥ 16000	60.4	60.9	60.9	61.1	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.5
≥ 14000	61.0	61.4	61.4	61.6	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0
≥ 12000	~~62.9~~	~~63.3~~	~~63.3~~	~~63.5~~	~~63.9~~	~~63.9~~	~~63.9~~	~~63.9~~	~~63.9~~	~~64.0~~	~~64.0~~	~~64.0~~	~~64.0~~	~~64.0~~	~~64.0~~	~~64.1~~
≥ 10000	65.8	66.2	66.3	66.6	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1
≥ 9000	~~70.6~~	~~71.1~~	~~71.2~~	~~71.4~~	~~71.7~~	~~71.7~~	~~71.7~~	~~71.7~~	~~71.7~~	~~71.8~~	~~71.8~~	~~71.8~~	~~71.8~~	~~71.8~~	~~71.8~~	~~71.9~~
≥ 8000	74.7	75.2	75.3	75.5	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 7000	~~79.7~~	~~80.1~~	~~80.2~~	~~80.4~~	~~80.8~~	~~80.8~~	~~80.8~~	~~80.8~~	~~80.8~~	~~80.9~~	~~80.9~~	~~80.9~~	~~80.9~~	~~80.9~~	~~80.9~~	~~81.0~~
≥ 6000	81.7	82.2	82.3	82.5	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.0
≥ 5000	~~85.2~~	~~85.7~~	~~85.8~~	~~86.0~~	~~86.3~~	~~86.3~~	~~86.3~~	~~86.3~~	~~86.3~~	~~86.5~~	~~86.5~~	~~86.5~~	~~86.5~~	~~86.5~~	~~86.5~~	~~86.6~~
≥ 4500	86.9	87.5	87.6	87.8	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.4
≥ 4000	~~90.0~~	~~91.4~~	~~91.5~~	~~91.7~~	~~92.0~~	~~92.0~~	~~92.0~~	~~92.0~~	~~92.0~~	~~92.2~~	~~92.2~~	~~92.2~~	~~92.2~~	~~92.2~~	~~92.2~~	~~92.3~~
≥ 3500	91.9	92.7	92.8	93.0	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5
≥ 3000	~~93.2~~	~~94.3~~	~~94.5~~	~~94.7~~	~~95.1~~	~~95.1~~	~~95.1~~	~~95.1~~	~~95.1~~	~~95.2~~	~~95.2~~	~~95.2~~	~~95.2~~	~~95.2~~	~~95.2~~	~~95.3~~
≥ 2500	94.5	95.5	95.7	95.9	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.5
≥ 2000	~~94.9~~	~~95.9~~	~~96.1~~	~~96.3~~	~~96.7~~	~~96.7~~	~~96.7~~	~~96.7~~	~~96.7~~	~~96.8~~	~~96.8~~	~~96.8~~	~~96.8~~	~~96.8~~	~~96.8~~	~~96.9~~
≥ 1800	95.1	96.0	96.2	96.5	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0
≥ 1500	~~96.0~~	~~97.1~~	~~97.3~~	~~97.5~~	~~97.8~~	~~97.8~~	~~97.8~~	~~97.8~~	~~97.8~~	~~98.0~~	~~98.0~~	~~98.0~~	~~98.0~~	~~98.0~~	~~98.0~~	~~98.1~~
≥ 1200	96.3	97.4	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 1000	~~97.0~~	~~98.1~~	~~98.3~~	~~98.6~~	~~98.9~~	~~98.9~~	~~98.9~~	~~98.9~~	~~98.9~~	~~99.0~~	~~99.0~~	~~99.0~~	~~99.0~~	~~99.0~~	~~99.0~~	~~99.1~~
≥ 900	97.1	98.2	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 800	~~97.1~~	~~98.2~~	~~98.4~~	~~98.7~~	~~99.0~~	~~99.4~~	~~99.4~~	~~99.4~~	~~99.4~~	~~99.5~~	~~99.5~~	~~99.5~~	~~99.5~~	~~99.5~~	~~99.5~~	~~99.6~~
≥ 700	97.4	98.5	98.7	99.0	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 600	~~97.4~~	~~98.5~~	~~98.7~~	~~99.0~~	~~99.4~~	~~99.7~~	~~99.7~~	~~99.7~~	~~99.7~~	~~99.8~~	~~99.8~~	~~99.8~~	~~99.8~~	~~99.8~~	~~99.8~~	~~99.9~~
≥ 500	97.4	98.6	98.8	99.1	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	~~97.4~~	~~98.6~~	~~98.8~~	~~99.1~~	~~99.5~~	~~99.8~~	~~99.8~~	~~99.8~~	~~99.8~~	~~99.9~~	~~99.9~~	~~99.9~~	~~99.9~~	~~99.9~~	~~99.9~~	~~100.0~~
≥ 300	97.4	98.6	98.8	99.1	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	~~97.4~~	~~98.6~~	~~98.8~~	~~99.1~~	~~99.5~~	~~99.8~~	~~99.8~~	~~99.8~~	~~99.8~~	~~99.9~~	~~99.9~~	~~99.9~~	~~99.9~~	~~99.9~~	~~99.9~~	~~100.0~~
≥ 100	97.4	98.6	98.8	99.1	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
0	~~97.4~~	~~98.6~~	~~98.8~~	~~99.1~~	~~99.5~~	~~99.8~~	~~99.8~~	~~99.8~~	~~99.8~~	~~99.9~~	~~99.9~~	~~99.9~~	~~99.9~~	~~99.9~~	~~99.9~~	~~100.0~~

TOTAL NUMBER OF OBSERVATIONS 230

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.3	49.4	49.6	49.7	49.7
≥ 20000	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.8	50.9	51.0	51.0
≥ 18000	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.8	50.9	51.0	51.0
≥ 16000	50.7	50.7	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	51.0	51.1	51.2	51.2
≥ 14000	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.6	51.7	51.8	51.8
≥ 12000	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	54.0	54.1	54.2	54.2
≥ 10000	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.1	56.2	56.3	56.3
≥ 9000	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.6	57.7	57.8	57.8
≥ 8000	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.7	59.8	59.9	59.9
≥ 7000	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.2	65.3	65.4	65.4
≥ 6000	66.8	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.2	67.3	67.4	67.4
≥ 5000	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	73.0	73.1	73.2	73.2
≥ 4500	74.7	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	75.1	75.2	75.3	75.3
≥ 4000	78.0	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	79.1	79.2	79.3	79.3
≥ 3500	80.1	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.7	80.8	80.9	80.9
≥ 3000	82.3	82.6	82.6	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	83.0	83.1	83.2	83.2
≥ 2500	84.6	84.8	84.8	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.4	85.6	85.6
≥ 2000	86.8	87.0	87.0	87.1	87.2	87.2	87.4	87.4	87.4	87.6	87.6	87.6	87.8	87.9	88.0	88.0
≥ 1800	87.6	87.8	87.8	87.9	88.0	88.0	88.2	88.2	88.2	88.3	88.3	88.3	88.6	88.7	88.8	88.8
≥ 1500	88.6	89.0	89.0	89.1	89.2	89.2	89.4	89.4	89.4	89.6	89.6	89.6	89.8	89.9	90.0	90.0
≥ 1200	90.3	91.1	91.1	91.2	91.3	91.3	91.6	91.6	91.6	91.7	91.8	91.8	92.0	92.1	92.2	92.2
≥ 1000	91.4	92.6	92.6	92.7	92.9	92.9	93.1	93.1	93.1	93.2	93.3	93.3	93.6	93.7	93.8	93.8
≥ 900	92.1	93.2	93.2	93.3	93.6	93.6	93.8	93.9	93.8	93.9	94.0	94.0	94.2	94.3	94.4	94.4
≥ 800	92.4	93.6	93.6	93.7	93.9	93.9	94.1	94.1	94.1	94.2	94.3	94.3	94.6	94.7	94.8	94.8
≥ 700	93.3	94.4	94.4	94.6	94.8	94.8	95.1	95.1	95.1	95.2	95.3	95.3	95.6	95.7	95.8	95.8
≥ 600	93.7	94.9	94.9	95.0	95.2	95.2	95.7	95.7	95.7	95.8	95.9	95.9	96.1	96.2	96.3	96.3
≥ 500	94.0	95.2	95.2	95.3	95.6	95.6	96.0	96.0	96.0	96.2	96.3	96.3	96.6	96.7	96.8	96.8
≥ 400	94.4	95.7	95.7	95.8	96.0	96.0	96.4	96.4	96.4	96.7	96.8	96.8	97.0	97.1	97.2	97.2
≥ 300	94.7	95.9	95.9	96.0	96.3	96.3	96.9	96.9	96.9	97.1	97.2	97.2	97.6	97.7	97.8	97.8
≥ 200	94.8	96.2	96.2	96.3	96.8	96.8	97.9	97.9	97.9	98.1	98.2	98.2	98.7	98.8	98.9	98.9
≥ 100	94.8	96.2	96.2	96.3	96.8	96.8	97.9	97.9	97.9	98.2	98.3	98.3	99.2	99.3	99.6	99.6
0	94.8	96.2	96.2	96.3	96.8	96.8	97.9	97.9	97.9	98.2	98.3	98.3	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~16210~~ STATION NO. ~~EAST SIMPSON NAVAL UNIT~~ STATION NAME 57-66 YEARS ~~SEP~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0300-0500~~

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.1	39.2	39.2	39.2	39.3	39.3	39.7	39.7	39.7	39.9	40.1	40.1	40.7	40.7	41.3	41.8
≥ 20000	40.0	40.1	40.1	40.1	40.2	40.2	40.6	40.6	40.6	40.8	41.0	41.0	41.6	41.6	42.2	42.7
≥ 18000	40.0	40.1	40.1	40.1	40.2	40.2	40.6	40.6	40.6	40.8	41.0	41.0	41.6	41.6	42.2	42.7
≥ 16000	40.1	40.2	40.2	40.2	40.3	40.3	40.7	40.7	40.7	40.9	41.1	41.1	41.7	41.7	42.3	42.8
≥ 14000	41.6	41.7	41.7	41.7	41.8	41.8	42.1	42.1	42.1	42.3	42.6	42.6	43.1	43.1	43.8	44.2
≥ 12000	43.7	43.8	43.8	43.8	43.9	43.9	44.2	44.2	44.2	44.4	44.7	44.7	45.2	45.2	45.9	46.3
≥ 10000	46.4	46.6	46.6	46.6	46.7	46.7	47.0	47.0	47.0	47.3	47.6	47.6	48.1	48.1	48.8	49.2
≥ 9000	48.7	48.8	48.8	48.8	48.9	48.9	49.2	49.2	49.2	49.6	49.8	49.8	50.3	50.3	51.0	51.4
≥ 8000	53.4	53.6	53.6	53.6	53.7	53.7	54.0	54.0	54.0	54.3	54.6	54.6	55.1	55.1	55.8	56.2
≥ 7000	59.1	59.2	59.2	59.2	59.3	59.3	59.7	59.7	59.7	60.0	60.2	60.2	60.8	60.8	61.4	61.9
≥ 6000	59.7	59.8	59.8	59.8	59.9	59.9	60.2	60.2	60.2	60.6	60.8	60.8	61.3	61.3	62.0	62.4
≥ 5000	65.8	66.0	66.0	66.0	66.1	66.1	66.4	66.4	66.4	66.8	67.0	67.0	67.6	67.6	68.2	68.7
≥ 4500	67.3	67.7	67.7	67.7	67.8	67.8	68.1	68.1	68.1	68.4	68.7	68.7	69.2	69.2	69.9	70.3
≥ 4000	72.4	72.8	72.8	72.8	72.9	72.9	73.2	73.2	73.2	73.6	73.8	73.8	74.4	74.4	75.1	75.6
≥ 3500	73.7	74.0	74.0	74.0	74.1	74.1	74.4	74.4	74.4	74.8	75.0	75.0	75.7	75.7	76.3	76.8
≥ 3000	76.7	77.0	77.0	77.0	77.1	77.1	77.4	77.4	77.4	77.8	78.0	78.0	78.7	78.7	79.3	79.8
≥ 2500	79.1	79.4	79.4	79.4	79.6	79.6	79.9	79.9	79.9	80.2	80.4	80.4	81.1	81.1	81.8	82.2
≥ 2000	80.9	81.2	81.2	81.2	81.3	81.3	81.7	81.7	81.7	82.0	82.2	82.2	82.9	82.9	83.6	84.0
≥ 1800	81.2	81.7	81.7	81.7	81.9	81.9	82.2	82.2	82.2	82.6	82.8	82.8	83.4	83.4	84.1	84.6
≥ 1500	82.7	83.2	83.3	83.3	83.6	83.6	83.9	83.9	83.9	84.2	84.4	84.4	85.1	85.1	85.8	86.2
≥ 1200	84.6	85.3	85.4	85.4	85.7	85.7	86.1	86.1	86.1	86.4	86.9	86.9	87.7	87.7	88.3	88.8
≥ 1000	85.6	87.0	87.1	87.1	87.3	87.3	87.8	87.8	87.8	88.1	88.6	88.6	89.3	89.3	90.0	90.4
≥ 900	86.4	87.9	88.0	88.0	88.2	88.2	88.7	88.7	88.7	89.0	89.6	89.6	90.3	90.3	91.0	91.4
≥ 800	86.8	88.4	88.6	88.6	88.8	88.8	89.3	89.3	89.3	89.7	90.2	90.2	91.0	91.0	91.7	92.1
≥ 700	87.2	88.9	89.0	89.0	89.2	89.2	89.8	89.8	89.8	90.1	90.7	90.7	91.4	91.4	92.1	92.4
≥ 600	87.6	89.4	89.7	89.7	89.9	89.9	90.6	90.6	90.6	90.9	91.4	91.4	92.2	92.2	92.9	93.3
≥ 500	87.9	90.1	90.3	90.3	90.6	90.6	91.2	91.2	91.2	91.7	92.2	92.2	93.0	93.0	93.7	94.1
≥ 400	88.3	90.6	90.8	90.8	91.1	91.1	91.8	91.9	91.9	92.3	92.9	92.9	93.7	93.7	94.3	94.8
≥ 300	89.0	91.4	91.7	91.7	92.1	92.1	93.0	93.1	93.1	93.9	94.4	94.4	95.3	95.3	96.0	96.4
≥ 200	89.4	92.1	92.3	92.4	92.9	92.9	94.1	94.2	94.2	95.2	95.8	95.8	97.1	97.1	97.8	98.2
≥ 100	89.6	92.2	92.4	92.6	93.0	93.0	94.2	94.3	94.3	95.3	95.9	95.9	97.6	97.6	98.3	98.8
0	89.6	92.2	92.4	92.6	93.0	93.0	94.2	94.3	94.3	95.3	95.9	95.9	97.8	97.8	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION [redacted] STATION NAME & UNIT [redacted] YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] GMT (LST) [redacted]

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	31.1	31.3	31.3	31.3	31.7	31.7	31.8	31.8	31.8	32.0	32.0	32.0	32.4	32.4	33.2	33.6
≥ 18000 ≥ 16000	34.1	34.3	34.3	34.3	34.7	34.7	34.8	34.8	34.8	35.0	35.0	35.0	35.4	35.6	36.3	36.7
≥ 14000 ≥ 12000	35.7	35.9	35.9	35.9	36.2	36.2	36.3	36.3	36.3	36.6	36.6	36.6	37.0	37.1	38.0	38.3
≥ 10000 ≥ 9000	40.1	40.4	40.4	40.6	40.9	40.9	41.0	41.0	41.0	41.3	41.3	41.3	41.9	42.0	42.9	43.2
≥ 8000 ≥ 7000	49.0	49.3	49.3	49.4	49.8	49.8	49.9	49.9	49.9	50.2	50.2	50.2	50.8	50.9	51.8	52.1
≥ 6000 ≥ 5000	53.7	54.0	54.0	54.1	54.4	54.4	54.6	54.6	54.6	54.9	54.9	54.9	55.4	55.6	56.4	56.9
≥ 4500 ≥ 4000	61.3	61.7	61.7	61.8	62.1	62.1	62.2	62.2	62.2	62.6	62.7	62.7	63.3	63.4	64.4	64.9
≥ 3500 ≥ 3000	68.2	68.6	68.6	68.7	69.0	69.0	69.1	69.1	69.1	69.4	69.6	69.6	70.2	70.3	71.3	71.7
≥ 2500 ≥ 2000	74.6	74.9	74.9	75.1	75.4	75.4	75.6	75.6	75.6	76.0	76.1	76.1	76.8	76.9	77.9	78.2
≥ 1800 ≥ 1500	77.0	77.4	77.4	77.9	78.4	78.4	78.6	78.6	78.6	79.0	79.1	79.1	79.8	79.9	80.9	81.2
≥ 1200 ≥ 1000	80.4	80.9	80.9	81.6	82.1	82.1	82.2	82.3	82.3	83.1	83.2	83.2	83.9	84.0	85.0	85.3
≥ 900 ≥ 800	83.6	84.0	84.0	85.2	85.8	85.8	86.1	86.2	86.2	87.0	87.1	87.1	87.8	87.9	88.9	89.2
≥ 700 ≥ 600	85.7	86.7	86.8	87.6	88.2	88.2	88.6	88.7	88.7	89.4	89.6	89.6	90.2	90.3	91.3	91.7
≥ 500 ≥ 400	86.9	88.1	88.2	89.3	90.1	90.1	90.8	91.0	91.0	92.1	92.2	92.2	92.9	93.0	94.0	94.3
≥ 300 ≥ 200	87.3	88.9	89.0	90.2	91.6	91.6	92.3	92.7	92.7	94.0	94.1	94.1	94.8	95.0	96.0	96.4
≥ 100 ≥ 0	87.8	89.3	89.4	90.8	92.1	92.1	92.9	93.2	93.3	95.1	95.4	95.4	96.3	96.6	97.9	98.4
	87.8	89.3	89.4	90.8	92.1	92.1	92.9	93.2	93.3	95.3	95.7	95.7	96.7	96.9	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

AIR PRECISION DIVISION
USAF ETAC
AIR FORCE GLOBAL WEATHER CENTRAL

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] YEARS 57-66 MONTH SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOUR [illegible]

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.4	33.4	33.4	33.6	33.6	33.6	33.6
	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.7	38.7	38.7	38.9	38.9	38.9	38.9
≥ 18000 ≥ 16000	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.7	38.7	38.7	38.9	38.9	38.9	38.9
	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.9	38.9	38.9	39.1	39.1	39.1	39.1
≥ 14000 ≥ 12000	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.3	39.3	39.3	39.6	39.6	39.6	39.6
	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.9	40.9	40.9	41.1	41.1	41.1	41.1
≥ 10000 ≥ 9000	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.2	46.2	46.2	46.2
	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.6	52.6	52.6	52.8	52.8	52.8	52.8
≥ 8000 ≥ 7000	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.9	57.9	57.9	57.9
	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.9	58.9	58.9	58.9
≥ 6000 ≥ 5000	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.6	59.6	59.6	59.6
	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.3	62.3	62.3	62.3
≥ 4500 ≥ 4000	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	63.1	63.1	63.1	63.1
	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.9	65.9	65.9	65.9
≥ 3500 ≥ 3000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.7	66.7	66.7	66.7
	70.0	70.0	70.0	70.0	70.1	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.6	70.6	70.6	70.6
≥ 2500 ≥ 2000	72.4	72.8	72.8	72.9	73.0	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.4	73.4	73.4	73.4
	77.2	77.6	77.6	77.7	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.2	78.2	78.2	78.2
≥ 1800 ≥ 1500	77.7	78.0	78.0	78.1	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.7	78.7	78.7	78.7
	81.3	81.9	81.9	82.0	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.6	82.6	82.6	82.6
≥ 1200 ≥ 1000	83.4	84.1	84.2	84.3	84.6	84.6	84.7	84.7	84.7	84.8	84.8	84.8	85.0	85.0	85.0	85.0
	87.1	88.2	88.4	88.6	89.1	89.1	89.4	89.6	89.6	89.8	89.8	89.8	90.0	90.0	90.0	90.0
≥ 900 ≥ 800	87.8	89.2	89.4	89.8	90.1	90.1	90.4	90.6	90.6	90.8	90.8	90.8	91.0	91.0	91.0	91.0
	88.6	90.3	90.7	91.0	91.6	91.8	92.1	92.2	92.2	92.4	92.4	92.4	92.7	92.7	92.7	92.7
≥ 700 ≥ 600	90.0	92.1	92.4	92.8	93.3	93.6	93.9	94.0	94.0	94.2	94.2	94.2	94.4	94.4	94.4	94.4
	90.2	92.6	93.1	93.4	94.0	94.2	94.7	94.8	94.8	95.0	95.0	95.0	95.2	95.2	95.2	95.2
≥ 500 ≥ 400	91.0	93.7	94.4	94.8	95.3	95.6	96.1	96.2	96.2	96.6	96.6	96.6	96.8	96.8	96.8	96.8
	91.0	94.6	95.4	95.9	96.6	96.8	97.3	97.4	97.4	97.9	97.9	97.9	98.1	98.1	98.1	98.1
≥ 300 ≥ 200	91.7	94.8	95.9	96.3	97.1	97.3	98.1	98.4	98.4	98.9	98.9	98.9	99.2	99.2	99.2	99.3
	91.7	94.8	95.9	96.3	97.2	97.4	98.2	98.6	98.6	99.2	99.2	99.2	99.6	99.6	99.7	99.8
≥ 100 0	91.7	94.8	95.9	96.3	97.2	97.4	98.2	98.6	98.6	99.3	99.3	99.3	99.7	99.7	99.8	99.9
	91.7	94.8	95.9	96.3	97.2	97.4	98.2	98.6	98.6	99.3	99.3	99.3	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
[illegible] EAST [illegible] AFB, COLO 80912

CEILING VERSUS VISIBILITY

[illegible] STATION NAME 57-66 YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] 1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 20000	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 18000	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 16000	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 14000	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 12000	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 10000	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 9000	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 8000	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 7000	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 6000	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 5000	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 4500	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 4000	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 3500	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3000	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 2500	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 2000	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1800	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1500	84.8	85.3	85.6	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1200	86.9	87.6	87.8	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000	89.9	91.3	91.7	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 900	90.9	92.7	93.0	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	92.2	94.2	94.6	95.2	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	93.2	95.2	95.7	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	93.7	95.8	96.3	97.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	94.8	97.1	97.7	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2
≥ 400	95.0	97.6	98.2	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 300	95.0	97.6	98.2	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	95.0	97.6	98.2	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	95.0	97.6	98.2	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
0	95.0	97.6	98.2	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
15 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2621 STATION | FORT STEPHEN WILKINSON NOT USE STATION NAME | 57-66 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1700 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1⅝	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 20000	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 18000	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 16000	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 14000	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 12000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 10000	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 9000	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 8000	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 7000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 6000	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 5000	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 4500	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 4000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 3500	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2500	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 2000	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1800	85.2	85.4	85.4	85.4	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	87.6	87.8	87.8	87.8	88.0	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1200	89.1	89.4	89.4	89.4	89.7	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	91.3	92.1	92.3	92.7	93.1	93.1	93.4	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	92.0	93.0	93.2	93.6	94.0	94.0	94.3	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	92.9	94.1	94.3	94.7	95.1	95.1	95.4	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700	93.4	94.9	95.1	95.4	95.9	95.9	96.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	94.6	96.1	96.3	96.7	97.1	97.1	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	95.2	97.1	97.4	97.9	98.4	98.4	98.9	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 400	95.4	97.3	97.7	98.1	98.7	98.7	99.1	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 300	95.4	97.3	97.7	98.4	99.0	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	95.6	97.4	97.8	98.6	99.1	99.1	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	95.6	97.4	97.8	98.6	99.1	99.1	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	95.6	97.4	97.8	98.6	99.1	99.1	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION [redacted] STATION NAME 57-66 YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 20000	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 18000	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 16000	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 14000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 12000	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 10000	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 9000	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 8000	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 7000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 6000	68.2	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 5000	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4500	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4000	76.6	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 3500	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3000	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2500	85.1	85.3	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2000	87.3	87.7	87.7	87.8	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	88.0	88.3	88.3	88.4	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1500	90.0	90.4	90.4	90.6	91.1	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	91.2	91.7	91.7	91.8	92.3	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	92.6	93.8	93.8	93.9	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	93.0	94.2	94.2	94.3	94.9	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	93.7	94.9	94.9	95.0	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	94.0	95.3	95.3	95.4	96.2	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	94.7	96.0	96.0	96.1	96.9	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	95.2	96.7	96.7	96.9	97.9	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	95.3	96.8	96.8	97.0	98.1	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	95.8	96.8	96.8	97.0	98.2	98.2	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	95.8	97.0	97.0	97.2	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 100	95.8	97.0	97.0	97.2	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 0	95.8	97.0	97.0	97.2	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~26216~~ STATION ~~FIRST STATION NAME~~ STATION NAME ~~57-66~~ YEARS ~~SEP~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~2100-2300~~ LOCAL (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 20000	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 18000	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 16000	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 12000	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 10000	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 9000	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 8000	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 7000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 6000	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4500	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4000	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3000	84.0	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2500	84.0	84.9	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2000	86.7	87.0	87.0	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1800	87.2	87.7	87.7	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500	88.7	89.4	89.4	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	91.4	92.2	92.2	92.3	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	92.0	93.7	93.7	93.8	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 900	93.4	94.6	94.6	94.7	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	94.3	95.4	95.4	95.6	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	94.6	95.9	95.9	96.0	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	94.7	96.0	96.0	96.1	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 500	95.3	96.7	96.7	96.9	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	95.7	97.0	97.0	97.2	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	95.8	97.1	97.1	97.3	98.1	98.1	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	95.8	97.1	97.1	97.4	98.2	98.2	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	95.8	97.1	97.1	97.4	98.2	98.2	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.6	99.6
0	95.8	97.1	97.1	97.4	98.2	98.2	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~26210~~ STATION ~~FORT SIMPSON NWT~~ STATION NAME ~~UCT~~ ~~57-66~~ YEARS ~~UCT~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0000-0300~~ HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	~~39.6~~	~~39.8~~	~~39.8~~	~~40.2~~	~~40.2~~	~~40.2~~	~~40.3~~	~~40.8~~	~~40.8~~	~~40.8~~	~~40.8~~	~~40.8~~	~~41.0~~	~~41.0~~	~~41.7~~	~~41.7~~
	~~41.0~~	~~41.2~~	~~41.2~~	~~41.6~~	~~41.6~~	~~41.6~~	~~41.7~~	~~42.2~~	~~42.2~~	~~42.2~~	~~42.2~~	~~42.2~~	~~42.4~~	~~42.4~~	~~43.1~~	~~43.1~~
≥ 18000 ≥ 16000	41.4	41.6	41.6	42.0	42.0	42.0	42.2	42.6	42.6	42.6	42.6	42.6	42.8	42.8	43.5	43.5
	41.8	41.8	41.8	42.3	42.3	42.3	42.4	42.8	42.8	42.8	42.8	42.8	43.0	43.0	43.8	43.8
≥ 14000 ≥ 12000	43.1	43.3	43.3	43.8	43.8	43.8	43.9	44.3	44.3	44.3	44.3	44.3	44.5	44.5	45.3	45.3
	~~44.3~~	~~44.5~~	~~44.5~~	~~44.9~~	~~44.9~~	~~44.9~~	~~45.1~~	~~45.5~~	~~45.5~~	~~45.5~~	~~45.5~~	~~45.5~~	~~45.7~~	~~45.7~~	~~46.5~~	~~46.5~~
≥ 10000 ≥ 9000	48.1	48.3	48.3	48.8	48.8	48.8	48.9	49.4	49.4	49.4	49.4	49.4	49.6	49.6	50.3	50.3
	50.1	50.3	50.3	50.9	50.9	50.9	51.1	51.5	51.5	51.5	51.5	51.5	51.7	51.7	52.5	52.5
≥ 8000 ≥ 7000	51.6	52.2	52.2	52.7	52.7	52.7	52.9	53.3	53.3	53.3	53.3	53.3	53.5	53.5	54.3	54.3
	55.5	56.0	56.0	56.6	56.6	56.6	56.8	57.2	57.2	57.2	57.2	57.2	57.4	57.4	58.2	58.2
≥ 6000 ≥ 5000	55.9	56.6	56.6	57.1	57.1	57.1	57.3	57.7	57.7	57.7	57.7	57.7	58.0	58.0	58.7	58.7
	59.5	60.2	60.3	60.9	60.9	60.9	61.2	61.6	61.6	61.6	61.6	61.6	61.8	61.8	62.6	62.6
≥ 4500 ≥ 4000	60.2	61.0	61.1	61.6	61.6	61.6	61.9	62.4	62.4	62.4	62.4	62.4	62.6	62.6	63.3	63.3
	62.5	63.2	63.3	63.9	63.9	63.9	64.3	64.7	64.7	64.7	64.7	64.7	64.9	64.9	65.7	65.7
≥ 3500 ≥ 3000	63.9	64.6	64.8	65.4	65.4	65.4	65.8	66.2	66.2	66.2	66.2	66.2	66.5	66.5	67.2	67.2
	65.8	66.6	67.1	67.7	67.7	67.7	68.2	68.8	68.8	68.8	68.8	68.8	69.0	69.0	69.8	69.8
≥ 2500 ≥ 2000	67.8	68.0	69.5	70.1	70.1	70.1	70.5	71.2	71.2	71.2	71.2	71.2	71.4	71.4	72.2	72.2
	70.6	71.6	72.3	73.0	73.1	73.1	73.5	74.2	74.2	74.4	74.4	74.4	74.6	74.6	75.4	75.4
≥ 1800 ≥ 1500	70.9	71.8	72.5	73.2	73.3	73.3	73.8	74.4	74.4	74.6	74.6	74.6	74.8	74.8	75.6	75.6
	72.5	73.7	74.3	75.3	75.8	75.8	76.2	76.9	76.9	77.1	77.1	77.1	77.3	77.3	78.1	78.1
≥ 1200 ≥ 1000	75.5	76.8	77.4	78.5	79.0	79.0	79.7	80.3	80.3	80.5	80.5	80.9	80.9	80.9	81.7	81.7
	77.2	78.6	79.4	80.4	81.0	81.0	81.9	82.9	82.9	83.2	83.4	83.4	83.8	83.8	84.6	84.6
≥ 900 ≥ 800	77.6	79.0	79.8	80.9	81.4	81.4	82.4	83.3	83.3	83.9	84.0	84.0	84.3	84.3	85.2	85.2
	78.9	80.4	81.2	82.5	83.0	83.0	84.1	85.1	85.1	85.6	85.7	85.7	86.0	86.0	86.9	86.9
≥ 700 ≥ 600	80.1	81.7	82.5	83.8	84.3	84.3	85.4	86.3	86.3	86.9	87.0	87.0	87.3	87.3	88.3	88.3
	81.0	82.6	83.3	84.6	85.2	85.2	86.3	87.4	87.4	88.0	88.3	88.3	88.6	88.7	89.7	89.7
≥ 500 ≥ 400	81.7	83.5	84.4	85.7	86.2	86.2	87.5	88.5	88.5	89.5	89.8	89.8	90.3	90.4	91.4	91.4
	83.0	85.1	86.0	87.5	88.1	88.2	89.5	90.4	90.4	91.5	91.9	91.9	92.6	92.7	93.7	93.7
≥ 300 ≥ 200	83.8	85.9	87.1	88.9	89.7	89.8	91.2	92.2	92.2	93.2	93.7	93.7	94.9	95.1	96.0	96.0
	83.9	86.0	87.3	89.1	90.1	90.2	91.8	92.8	92.8	94.6	94.8	94.8	96.6	96.7	98.4	98.5
≥ 100 0	83.9	86.0	87.3	89.1	90.1	90.2	91.8	92.8	92.8	95.1	95.5	95.5	97.3	97.4	99.5	99.6
	83.9	86.0	87.3	89.1	90.1	90.2	91.8	92.8	92.8	95.1	95.5	95.5	97.3	97.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS ~~730~~

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION [redacted] STATION NAME [redacted] YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] HOUR (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.1	37.1	37.2	37.4	37.7	37.7	37.6	37.8	37.8	38.1	38.2	38.2	38.5	38.5	39.4	39.5
≥ 20000	37.7	37.7	37.8	38.1	38.4	38.4	38.5	38.5	38.8	38.7	38.8	38.8	39.1	39.1	40.0	40.1
≥ 18000	38.1	38.1	38.2	38.4	38.7	38.7	38.8	38.8	38.8	39.0	39.1	39.1	39.5	39.5	40.3	40.4
≥ 16000	38.1	38.1	38.2	38.4	38.7	38.7	38.8	38.8	38.8	39.0	39.1	39.1	39.5	39.5	40.3	40.4
≥ 14000	39.1	39.1	39.2	39.5	39.8	39.8	39.9	39.9	39.9	40.1	40.2	40.2	40.5	40.5	41.4	41.5
≥ 12000	40.3	40.3	40.4	40.6	41.0	41.0	41.1	41.1	41.1	41.3	41.4	41.4	41.7	41.7	42.6	42.7
≥ 10000	42.9	42.9	43.0	43.2	43.5	43.5	43.7	43.7	43.7	43.9	44.0	44.0	44.3	44.3	45.2	45.3
≥ 9000	43.8	43.8	43.9	44.1	44.5	44.5	44.6	44.6	44.6	44.8	44.9	44.9	45.3	45.3	46.1	46.2
≥ 8000	46.2	46.7	46.8	47.0	47.4	47.4	47.5	47.5	47.5	47.7	47.8	47.8	48.2	48.2	49.0	49.1
≥ 7000	49.6	50.0	50.1	50.3	50.6	50.8	50.9	50.9	50.9	51.1	51.2	51.2	51.5	51.5	52.4	52.5
≥ 6000	50.2	50.6	50.8	51.0	51.4	51.4	51.5	51.5	51.5	51.7	51.8	51.8	52.2	52.2	53.0	53.1
≥ 5000	52.6	53.1	53.2	53.7	54.2	54.2	54.4	54.4	54.4	54.6	54.7	54.7	55.1	55.1	55.9	56.0
≥ 4500	54.0	54.5	54.6	55.1	55.6	55.6	55.8	55.8	55.8	56.0	56.1	56.1	56.5	56.5	57.3	57.4
≥ 4000	56.3	57.0	57.1	57.6	58.2	58.2	58.5	58.5	58.5	58.7	58.8	58.8	59.1	59.1	60.0	60.1
≥ 3500	57.5	58.3	58.7	59.2	59.8	59.8	60.1	60.1	60.1	60.3	60.4	60.4	60.8	60.8	61.6	61.7
≥ 3000	60.1	61.0	61.4	61.9	62.7	62.7	63.0	63.0	63.0	63.2	63.3	63.3	63.7	63.7	64.5	64.6
≥ 2500	61.7	62.6	63.0	63.5	64.6	64.6	64.9	64.9	64.9	65.2	65.3	65.3	65.6	65.6	66.5	66.6
≥ 2000	64.5	65.4	65.8	66.5	67.6	67.6	68.4	68.4	68.4	68.6	68.7	68.7	69.1	69.1	70.0	70.1
≥ 1800	65.5	66.3	66.8	67.4	68.6	68.6	69.2	69.5	69.5	69.7	69.8	69.8	70.2	70.2	71.1	71.2
≥ 1500	68.6	69.6	70.0	70.8	72.0	72.0	72.8	73.0	73.0	73.2	73.3	73.3	73.8	73.8	74.6	74.7
≥ 1200	71.6	73.0	73.8	74.6	75.9	75.9	77.1	77.4	77.4	77.7	77.8	77.8	78.3	78.3	79.1	79.2
≥ 1000	75.3	76.9	77.7	78.7	80.1	80.1	81.3	81.6	81.6	82.4	82.7	82.7	83.1	83.1	84.0	84.1
≥ 900	76.1	77.7	78.6	79.6	81.0	81.0	82.2	82.5	82.5	83.2	83.5	83.9	84.0	84.0	84.8	84.9
≥ 800	76.8	78.5	79.4	80.3	81.7	81.7	83.1	83.4	83.4	84.2	84.5	84.5	85.3	85.3	86.1	86.2
≥ 700	77.5	79.4	80.2	81.2	82.6	82.6	84.0	84.3	84.3	85.1	85.4	85.5	86.2	86.2	87.1	87.2
≥ 600	78.3	80.1	81.0	81.9	83.3	83.3	84.7	85.1	85.1	85.8	86.2	86.3	87.1	87.1	88.0	88.1
≥ 500	79.4	81.3	82.2	83.1	84.5	84.5	85.9	86.2	86.2	87.0	87.6	87.7	88.5	88.5	89.4	89.5
≥ 400	80.5	82.7	83.8	84.8	86.3	86.3	87.7	88.1	88.1	88.8	89.5	89.6	90.4	90.4	91.3	91.4
≥ 300	80.8	83.1	84.6	86.1	87.7	87.7	89.1	89.5	89.5	90.3	91.3	91.4	92.8	92.9	93.9	94.0
≥ 200	81.3	83.8	85.7	87.2	89.0	89.0	90.9	91.2	91.2	93.0	93.9	94.0	95.9	96.0	97.8	98.2
≥ 100	81.3	83.8	85.7	87.2	89.0	89.0	90.9	91.3	91.3	93.4	94.3	94.4	96.6	96.7	98.7	99.1
≥ 0	81.3	83.8	85.7	87.2	89.0	89.0	90.9	91.3	91.3	93.5	94.4	94.5	96.8	96.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible] STATION NAME | 57-66 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.3	31.8	31.3	32.2	32.3	32.8	33.1
≥ 20000	32.0	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	33.2	33.5	33.5	33.9	34.0	34.5	34.8
≥ 18000	32.0	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	33.2	33.5	33.5	33.9	34.0	34.5	34.8
≥ 16000	32.0	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	33.2	33.5	33.5	33.9	34.0	34.5	34.8
≥ 14000	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	34.3	34.6	34.6	34.9	35.1	35.6	35.9
≥ 12000	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	35.3	35.6	35.6	35.9	36.0	36.6	36.9
≥ 10000	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.9	39.2	39.2	39.6	39.7	40.2	40.5
≥ 9000	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.9	41.2	41.2	41.5	41.6	42.3	42.6
≥ 8000	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	44.1	44.4	44.4	44.7	44.8	45.5	45.8
≥ 7000	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	48.1	48.4	48.4	48.7	48.8	49.5	49.8
≥ 6000	47.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.4	48.7	48.7	49.0	49.1	49.8	50.1
≥ 5000	48.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.7	50.0	50.0	50.3	50.4	51.1	51.4
≥ 4500	49.2	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.4	50.8	50.8	51.1	51.2	51.8	52.2
≥ 4000	52.3	52.7	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.8	54.1	54.1	54.4	54.5	55.2	55.5
≥ 3500	53.2	53.7	54.1	54.2	54.3	54.3	54.4	54.4	54.4	54.9	55.3	55.3	55.6	55.7	56.3	56.7
≥ 3000	56.8	57.3	57.7	58.0	58.5	58.5	58.6	58.6	58.6	59.1	59.6	59.6	60.0	60.1	60.8	61.1
≥ 2500	58.9	59.5	59.9	60.1	60.6	60.6	60.8	60.8	60.8	61.3	61.7	61.7	62.2	62.3	62.9	63.2
≥ 2000	60.9	61.6	62.3	62.7	63.7	63.7	64.2	64.3	64.3	64.8	65.4	65.4	65.8	65.9	66.6	66.9
≥ 1800	61.5	62.3	62.9	63.3	64.4	64.4	64.9	65.1	65.1	65.6	66.1	66.1	66.6	66.7	67.3	67.6
≥ 1500	66.5	67.5	68.5	69.0	70.4	70.5	71.1	71.5	71.5	72.2	72.7	72.7	73.1	73.2	73.9	74.2
≥ 1200	69.5	70.6	71.6	72.4	73.8	73.9	74.4	74.8	74.8	75.7	76.2	76.2	76.7	76.8	77.4	77.7
≥ 1000	73.0	74.3	75.5	76.2	77.8	78.0	78.7	79.4	79.4	81.0	81.8	81.8	82.5	82.6	83.2	83.5
≥ 900	73.5	74.8	76.0	76.9	78.5	78.6	79.4	80.0	80.0	81.6	82.5	82.5	83.1	83.2	83.9	84.2
≥ 800	74.3	75.6	76.8	77.6	79.2	79.4	80.3	81.0	81.0	82.6	83.5	83.5	84.3	84.4	85.3	85.6
≥ 700	74.4	75.8	77.1	78.0	79.7	79.8	80.8	81.4	81.4	83.2	84.2	84.2	85.2	85.3	85.9	86.2
≥ 600	75.5	76.9	78.2	79.0	80.9	81.0	82.0	82.7	82.7	84.7	85.7	85.7	86.7	86.8	87.4	87.7
≥ 500	76.9	78.6	80.0	80.9	82.8	82.9	84.2	84.8	84.8	86.9	88.1	88.1	89.4	89.5	90.1	90.4
≥ 400	78.0	79.9	81.4	82.3	84.3	84.4	85.8	86.5	86.5	88.8	90.1	90.1	91.4	91.5	92.3	92.8
≥ 300	78.4	80.4	82.0	82.9	85.3	85.4	86.8	87.4	87.4	90.0	91.5	91.5	93.2	93.3	94.3	94.6
≥ 200	78.8	81.3	83.0	83.9	86.3	86.5	88.1	88.8	88.8	92.5	94.2	94.2	96.3	96.4	97.5	98.3
≥ 100	78.8	81.4	83.1	84.0	86.5	86.6	88.2	88.9	88.9	92.6	94.4	94.4	97.1	97.3	98.4	99.1
≥ 0	78.8	81.4	83.1	84.0	86.5	86.6	88.2	88.9	88.9	92.7	94.5	94.5	97.2	97.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 940

1

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2x210 STATION | FORT STEPS IF NOT JUST STATION NAME | 57-66 YEARS | CT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-1100 HOUR (L or G.M.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5.16	≥ ¼	≥ 0
NO CEILING ≥ 20000	31.8	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.5	32.6	32.6	32.7	32.7	33.2	33.3
	36.2	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	37.1	37.2	37.2	37.3	37.3	37.8	38.0
≥ 18000 ≥ 16000	36.2	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	37.1	37.2	37.2	37.3	37.3	37.8	38.0
	36.2	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	37.1	37.2	37.2	37.3	37.3	37.8	38.0
≥ 14000 ≥ 12000	37.0	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.8	38.0	38.0	38.1	38.1	38.6	38.7
	39.0	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.9	40.0	40.0	40.1	40.1	40.6	40.8
≥ 10000 ≥ 9000	41.9	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.7	43.0	43.1	43.1	43.2	43.2	43.6	43.9
	44.7	45.4	45.4	45.4	45.4	45.5	45.6	45.6	45.6	45.9	46.0	46.0	46.1	46.1	46.5	47.0
≥ 8000 ≥ 7000	48.5	49.1	49.1	49.1	49.1	49.2	49.4	49.4	49.4	49.7	49.8	49.8	50.0	50.0	50.4	50.9
	49.9	50.5	50.5	50.5	50.6	50.7	50.9	50.9	50.9	51.2	51.3	51.3	51.5	51.5	52.3	52.4
≥ 6000 ≥ 5000	50.6	51.3	51.3	51.3	51.4	51.5	51.6	51.6	51.6	51.9	52.0	52.0	52.3	52.3	53.0	53.1
	51.3	52.0	52.0	52.0	52.3	52.4	52.6	52.7	52.7	53.0	53.1	53.1	53.2	53.2	54.1	54.2
≥ 4500 ≥ 4000	51.4	52.2	52.2	52.2	52.4	52.5	52.7	52.8	52.8	53.1	53.2	53.2	53.4	53.4	54.2	54.3
	54.2	54.9	54.9	54.9	55.2	55.4	55.6	55.7	55.7	56.0	56.1	56.1	56.3	56.3	57.1	57.2
≥ 3500 ≥ 3000	54.9	55.8	55.8	55.8	56.0	56.2	56.5	56.6	56.6	57.0	57.1	57.1	57.3	57.3	58.1	58.2
	58.4	59.2	59.6	59.7	60.1	60.3	60.5	60.6	60.6	61.1	61.2	61.2	61.4	61.4	62.2	62.3
≥ 2500 ≥ 2000	59.8	60.6	61.0	61.1	61.6	61.8	62.2	62.3	62.3	62.7	62.8	62.8	63.0	63.0	63.8	63.9
	63.8	64.7	65.1	65.3	66.0	66.2	66.6	66.8	66.8	67.2	67.3	67.3	67.5	67.5	68.3	68.4
≥ 1800 ≥ 1500	63.8	64.7	65.1	65.3	66.1	66.3	66.7	66.9	66.9	67.3	67.4	67.4	67.6	67.6	68.4	68.5
	68.8	69.9	70.2	70.4	71.4	71.6	72.3	73.0	73.0	73.9	74.0	74.0	74.3	74.3	75.1	75.2
≥ 1200 ≥ 1000	71.0	73.1	73.4	73.7	75.2	75.4	76.1	76.9	76.9	77.7	77.8	77.8	78.3	78.3	79.0	79.1
	75.4	77.1	77.4	77.8	79.6	79.8	80.6	81.5	81.5	82.9	83.2	83.2	83.7	83.7	84.4	84.5
≥ 900 ≥ 800	76.6	78.4	78.7	79.1	80.9	81.1	82.0	82.9	82.9	84.5	84.9	84.9	85.4	85.4	86.1	86.2
	78.2	80.0	80.4	81.0	82.7	82.9	84.3	85.2	85.2	87.0	87.7	87.7	88.4	88.4	89.1	89.2
≥ 700 ≥ 600	79.2	81.2	81.6	82.2	84.1	84.3	85.7	86.6	86.6	88.5	89.2	89.2	90.0	90.0	90.8	90.9
	79.7	81.9	82.5	83.0	85.2	85.4	86.8	87.7	87.7	89.8	90.8	90.8	91.6	91.6	92.5	92.6
≥ 500 ≥ 400	80.8	83.1	83.8	84.3	86.6	86.8	88.7	89.7	89.7	91.7	92.7	92.7	93.7	93.8	94.7	94.8
	81.6	84.2	84.8	85.4	87.6	87.8	90.0	91.2	91.2	93.4	94.4	94.4	95.5	95.6	96.6	96.7
≥ 300 ≥ 200	81.9	84.5	85.4	86.0	88.4	88.6	91.0	92.2	92.2	94.6	95.6	95.6	96.9	97.0	98.2	98.3
	81.9	84.7	85.6	86.2	88.9	89.1	91.6	92.8	92.8	95.4	96.3	96.3	97.7	97.8	99.1	99.2
≥ 100 ≥ 0	81.9	84.7	85.6	86.2	88.9	89.1	91.6	92.8	92.8	95.5	96.5	96.5	98.1	98.2	99.9	100.0
	81.9	84.7	85.6	86.2	88.9	89.1	91.6	92.8	92.8	95.5	96.5	96.5	98.1	98.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 910

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~20210~~ STATION ~~FORT SIMPSON N.W.T. CAN~~ STATION NAME ~~57-66~~ YEARS CT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1200-1400~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.2	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.6	36.6	36.6	36.6
≥ 20000	41.2	41.4	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.6	41.6	41.6	41.6
≥ 18000	41.2	41.4	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.6	41.6	41.6	41.6
≥ 16000	41.5	41.7	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.9	41.9	41.9	41.9
≥ 14000	42.3	42.5	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.7
≥ 12000	44.1	44.3	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.5	44.5	44.5	44.5
≥ 10000	47.6	47.8	47.8	47.8	48.0	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.3	48.3	48.3	48.3
≥ 9000	50.3	50.5	50.5	50.5	50.6	50.8	50.8	50.8	50.8	50.9	50.9	50.9	51.0	51.0	51.0	51.1
≥ 8000	52.9	53.1	53.1	53.1	53.2	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.5	53.5	53.5	53.7
≥ 7000	53.8	54.0	54.0	54.0	54.1	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.5
≥ 6000	54.3	54.6	54.6	54.6	54.7	54.8	54.8	54.8	54.8	54.9	54.9	54.9	55.1	55.1	55.1	55.2
≥ 5000	55.5	55.8	55.8	55.8	55.9	56.0	56.1	56.1	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.5
≥ 4500	56.0	56.3	56.3	56.3	56.5	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.9	56.9	56.9	57.0
≥ 4000	57.5	57.8	57.8	57.8	58.0	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.5
≥ 3500	58.4	58.7	58.7	58.7	58.8	58.9	59.0	59.0	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.4
≥ 3000	62.6	63.1	63.1	63.2	63.3	63.4	63.5	63.5	63.5	63.7	63.7	63.7	63.8	63.8	63.8	63.9
≥ 2500	66.1	66.7	66.7	66.8	66.9	67.0	67.1	67.1	67.1	67.3	67.3	67.3	67.4	67.4	67.4	67.5
≥ 2000	70.0	70.6	70.8	71.0	71.2	71.3	71.5	71.6	71.8	72.0	72.0	72.0	72.2	72.2	72.2	72.3
≥ 1800	70.4	71.1	71.2	71.4	71.7	71.8	72.3	72.4	72.4	72.9	72.9	72.9	73.0	73.0	73.0	73.1
≥ 1500	72.3	76.0	76.1	76.6	77.1	77.2	77.6	78.1	78.1	78.7	78.7	78.7	78.8	78.8	78.8	78.9
≥ 1200	78.1	78.9	79.0	79.5	80.1	80.2	80.6	81.1	81.1	81.9	82.2	82.2	82.3	82.3	82.3	82.4
≥ 1000	81.7	83.1	83.4	83.9	84.5	84.6	85.1	85.5	85.5	86.6	87.1	87.1	87.2	87.2	87.2	87.3
≥ 900	82.4	84.1	84.5	84.9	85.6	85.7	86.1	86.6	86.6	87.7	88.3	88.3	88.4	88.4	88.4	88.5
≥ 800	84.2	86.0	86.7	87.1	88.2	88.3	88.8	89.4	89.4	90.9	91.6	91.6	91.7	91.7	91.7	91.8
≥ 700	86.0	87.8	88.5	88.9	90.0	90.1	90.6	91.2	91.2	92.8	93.5	93.5	93.9	93.9	93.9	94.0
≥ 600	86.9	88.9	89.6	90.0	91.1	91.2	91.9	92.5	92.5	94.1	95.2	95.2	95.5	95.5	95.5	95.6
≥ 500	88.4	90.4	91.1	91.5	92.7	92.8	93.5	94.1	94.1	95.8	96.9	96.9	97.2	97.2	97.2	97.3
≥ 400	89.0	91.1	91.7	92.3	93.5	93.8	94.6	95.2	95.2	97.0	98.1	98.1	98.5	98.5	98.5	98.6
≥ 300	89.1	91.2	91.8	92.4	93.7	93.9	94.7	95.3	95.3	97.3	98.4	98.4	99.0	99.0	99.0	99.1
≥ 200	89.2	91.4	92.0	92.8	94.1	94.3	95.2	95.7	95.7	97.8	98.9	98.9	99.6	99.6	99.7	99.8
≥ 100	89.2	91.4	92.0	92.8	94.1	94.3	95.2	95.9	95.9	98.1	99.1	99.1	99.8	99.8	99.9	100.0
0	89.2	91.4	92.0	92.8	94.1	94.3	95.2	95.9	95.9	98.1	99.1	99.1	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

1 USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~24210~~ STATION ~~EAST STAPLETON INTL ARPT~~ STATION NAME ~~57-66~~ YEARS CT MONTH

~~1100-1700~~ HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 20000	40.8	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.1
≥ 18000	40.8	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.1
≥ 16000	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.3	41.4
≥ 14000	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.4	42.5
≥ 12000	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.2	44.3
≥ 10000	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.8	48.0
≥ 9000	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3	50.4
≥ 8000	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.9
≥ 7000	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.8
≥ 6000	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	55.1
≥ 5000	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.3
≥ 4500	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	57.0
≥ 4000	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.8
≥ 3500	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.6
≥ 3000	64.1	64.2	64.2	64.3	64.4	64.4	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.7	64.8
≥ 2500	68.4	68.5	68.5	68.6	68.7	68.7	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	69.0	69.1
≥ 2000	72.7	73.5	73.5	73.8	73.9	74.0	74.0	74.1	74.1	74.5	74.7	74.7	74.7	74.7	74.8	74.9
≥ 1800	72.9	73.8	73.8	74.1	74.2	74.3	74.3	74.4	74.4	74.8	75.1	75.1	75.1	75.1	75.2	75.3
≥ 1500	78.0	79.1	79.2	79.7	79.8	79.9	79.9	80.3	80.3	80.8	81.1	81.1	81.1	81.1	81.2	81.3
≥ 1200	80.4	81.8	81.9	82.6	82.6	82.9	82.9	83.5	83.5	84.1	84.4	84.4	84.4	84.4	84.5	84.6
≥ 1000	84.9	86.6	86.7	87.3	87.5	87.6	87.6	88.3	88.3	89.1	89.8	89.8	89.8	89.8	89.9	90.0
≥ 900	85.5	87.1	87.2	87.8	88.1	88.2	88.2	88.9	88.9	89.8	90.4	90.4	90.4	90.4	90.5	90.6
≥ 800	86.3	88.2	88.3	88.9	89.2	89.4	89.5	90.3	90.3	91.5	92.4	92.4	92.4	92.4	92.5	92.6
≥ 700	88.5	90.3	90.5	91.2	91.5	91.6	91.9	92.8	92.8	94.0	94.8	94.8	94.8	94.8	94.9	95.1
≥ 600	89.1	91.1	91.3	91.9	92.3	92.4	92.7	93.5	93.5	94.8	95.8	95.8	95.8	95.8	95.9	96.0
≥ 500	90.0	92.0	92.3	92.9	93.3	93.4	93.8	94.6	94.6	95.9	96.9	96.9	97.3	97.3	97.4	97.5
≥ 400	90.4	92.6	92.8	93.4	93.9	94.0	94.4	95.4	95.4	96.7	97.6	97.6	98.1	98.1	98.2	98.3
≥ 300	90.5	92.9	93.1	93.8	94.3	94.4	94.8	95.8	95.8	97.3	98.3	98.3	98.7	98.7	98.8	98.9
≥ 200	90.6	93.0	93.2	94.0	94.5	94.6	95.1	96.0	96.0	97.6	98.7	98.7	99.2	99.2	99.4	99.5
≥ 100	90.6	93.0	93.2	94.0	94.6	94.7	95.2	96.2	96.2	98.1	99.2	99.2	99.8	99.8	99.9	100.0
0	90.6	93.0	93.2	94.0	94.6	94.7	95.2	96.2	96.2	98.1	99.2	99.2	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS ~~910~~

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION [illegible] STATION NAME 57-66 YEARS CT MONTH [illegible] HOUR [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8	41.8	41.8	42.2
≥ 20000	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.2	44.4
≥ 18000	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.2	44.4
≥ 16000	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.3	44.5
≥ 14000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.9	45.2
≥ 12000	45.4	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.1	46.3
≥ 10000	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.4	49.4	49.4	49.5	49.5	49.6	49.8
≥ 9000	50.9	50.9	50.9	50.9	50.9	50.9	51.1	51.1	51.1	51.2	51.2	51.2	51.3	51.3	51.4	51.6
≥ 8000	53.2	53.2	53.2	53.3	53.3	53.3	53.5	53.5	53.5	53.7	53.7	53.7	53.8	53.8	53.9	54.1
≥ 7000	56.1	56.1	56.1	56.2	56.2	56.3	56.6	56.6	56.6	56.7	56.7	56.7	56.8	56.8	56.9	57.1
≥ 6000	56.6	56.6	56.7	56.8	56.8	56.9	57.1	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.4	57.6
≥ 5000	59.6	59.6	59.7	59.8	59.9	60.0	60.2	60.2	60.2	60.3	60.3	60.4	60.4	60.4	60.5	60.8
≥ 4500	60.3	60.3	60.5	60.6	60.8	60.9	61.1	61.1	61.1	61.2	61.2	61.2	61.3	61.3	61.4	61.6
≥ 4000	62.3	62.3	62.5	62.7	62.8	62.9	63.1	63.1	63.1	63.4	63.4	63.4	63.5	63.5	63.7	63.9
≥ 3500	63.5	63.5	63.8	64.0	64.1	64.2	64.4	64.4	64.4	64.7	64.7	64.7	64.8	64.8	64.9	65.2
≥ 3000	65.8	65.8	66.1	66.3	66.6	66.7	67.2	67.3	67.3	67.8	67.8	67.8	68.0	68.0	68.1	68.3
≥ 2500	69.4	69.4	69.6	70.1	70.3	70.4	71.0	71.1	71.1	71.8	71.8	71.8	71.9	71.9	72.0	72.3
≥ 2000	71.7	71.9	72.5	72.8	73.1	73.2	73.8	73.9	73.9	74.8	74.9	74.9	75.1	75.1	75.2	75.4
≥ 1800	72.2	72.4	72.9	73.2	73.5	73.7	74.2	74.3	74.3	75.3	75.4	75.4	75.5	75.5	75.6	75.8
≥ 1500	75.7	76.2	76.8	77.3	77.6	77.7	78.3	78.4	78.4	79.4	79.5	79.5	79.6	79.6	79.7	79.9
≥ 1200	78.1	78.7	79.2	79.8	80.2	80.3	81.0	81.2	81.2	82.3	82.4	82.4	82.5	82.5	82.6	82.8
≥ 1000	82.2	83.0	83.7	84.2	84.6	84.7	85.7	85.9	85.9	87.4	87.6	87.6	87.7	87.7	87.8	88.1
≥ 900	83.2	84.1	84.8	85.4	85.8	85.9	86.9	87.1	87.1	88.6	88.8	88.8	88.9	88.9	89.0	89.2
≥ 800	84.3	85.3	86.0	86.8	87.3	87.4	88.4	88.6	88.6	90.1	90.3	90.3	90.4	90.4	90.8	91.0
≥ 700	85.4	86.3	87.1	88.0	88.5	88.6	89.7	89.9	89.9	91.5	91.9	91.9	92.3	92.3	92.4	92.6
≥ 600	86.6	87.6	88.4	89.2	89.8	89.9	91.0	91.2	91.2	92.8	93.4	93.4	93.8	93.8	93.9	94.1
≥ 500	87.4	88.6	89.5	90.3	90.9	91.0	92.0	92.3	92.3	93.9	94.5	94.5	95.2	95.3	95.4	95.6
≥ 400	88.5	89.7	90.5	91.4	91.9	92.0	93.1	93.3	93.3	94.9	95.7	95.7	96.3	96.3	96.4	96.8
≥ 300	89.6	90.9	91.8	92.7	93.3	93.4	94.5	94.7	94.7	96.3	97.1	97.1	97.7	97.8	98.0	98.2
≥ 200	90.0	91.3	92.3	93.1	93.9	94.0	95.1	95.4	95.4	97.1	97.8	97.8	98.4	98.4	98.6	99.1
≥ 100	90.0	91.3	92.3	93.1	93.9	94.0	95.1	95.4	95.4	97.2	98.4	98.4	99.2	99.4	99.5	99.7
0	90.0	91.3	92.3	93.1	93.9	94.0	95.1	95.4	95.4	97.2	98.4	98.4	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 9 3 C

1

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~7021~~ STATION ~~PUNT STIRRUP~~ STATION NAME ~~57-66~~ YEARS ~~OCT~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~2100-2300~~

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	< 0
NO CEILING	40.5	40.6	40.8	40.8	41.1	41.1	41.1	41.2	41.2	41.4	41.5	41.5	41.6	41.6	41.7	41.9
≥ 20000	42.7	42.8	42.9	42.9	43.2	43.2	43.2	43.3	43.3	43.5	43.7	43.7	43.8	43.8	43.9	44.1
≥ 18000	42.7	42.8	42.9	42.9	43.2	43.2	43.2	43.3	43.3	43.5	43.7	43.7	43.8	43.8	43.9	44.1
≥ 16000	42.7	42.8	42.9	42.9	43.2	43.2	43.2	43.3	43.3	43.5	43.7	43.7	43.8	43.8	43.9	44.1
≥ 14000	43.7	43.8	43.9	43.9	44.2	44.2	44.2	44.3	44.3	44.5	44.6	44.6	44.7	44.7	44.8	45.1
≥ 12000	44.5	44.6	44.7	44.7	45.1	45.1	45.1	45.2	45.2	45.4	45.5	45.5	45.6	45.6	45.7	45.9
≥ 10000	47.7	48.0	48.1	48.1	48.5	48.5	48.5	48.6	48.6	48.8	48.9	48.9	49.0	49.0	49.1	49.4
≥ 9000	49.4	49.6	49.7	49.7	50.1	50.1	50.1	50.2	50.2	50.4	50.5	50.5	50.6	50.6	50.8	51.0
≥ 8000	51.4	51.6	51.7	51.8	52.3	52.3	52.3	52.4	52.4	52.6	52.7	52.7	52.8	52.8	52.9	53.1
≥ 7000	54.7	55.2	55.3	55.4	55.8	55.8	55.8	55.9	55.9	56.1	56.2	56.2	56.3	56.3	56.5	56.7
≥ 6000	55.9	56.3	56.5	56.6	57.0	57.0	57.0	57.1	57.1	57.3	57.4	57.4	57.5	57.5	57.6	57.8
≥ 5000	59.8	60.2	60.4	60.8	61.2	61.2	61.2	61.3	61.3	61.6	61.7	61.7	61.8	61.8	61.9	62.2
≥ 4500	60.6	61.1	61.3	61.6	62.0	62.0	62.0	62.2	62.2	62.5	62.6	62.6	62.7	62.7	62.8	63.0
≥ 4000	62.0	62.9	63.3	63.8	64.2	64.2	64.2	64.3	64.3	64.6	64.7	64.7	64.8	64.8	64.9	65.2
≥ 3500	63.7	64.5	64.9	65.4	65.8	65.8	65.8	65.9	65.9	66.2	66.3	66.3	66.5	66.5	66.6	66.8
≥ 3000	65.8	66.8	67.2	67.6	68.3	68.3	68.5	68.6	68.6	69.2	69.4	69.4	69.5	69.5	69.6	69.8
≥ 2500	68.3	69.6	70.3	70.9	71.5	71.5	71.7	71.8	71.8	72.5	72.6	72.6	72.7	72.7	72.8	73.0
≥ 2000	71.6	73.1	74.0	74.5	75.3	75.3	75.5	75.6	75.6	76.2	76.3	76.3	76.5	76.5	76.6	76.9
≥ 1800	71.9	73.4	74.3	74.8	75.6	75.6	75.8	75.9	75.9	76.6	76.7	76.7	76.8	76.8	76.9	77.1
≥ 1500	73.9	75.4	76.2	76.9	77.7	77.7	78.0	78.3	78.3	78.9	79.1	79.1	79.2	79.2	79.4	79.6
≥ 1200	76.6	78.4	79.4	80.0	80.9	80.9	81.2	81.6	81.6	82.3	82.5	82.5	82.6	82.6	82.7	82.9
≥ 1000	79.6	81.6	82.6	83.2	84.2	84.2	84.8	85.3	85.4	86.3	86.6	86.6	86.7	86.7	86.8	87.0
≥ 900	80.0	82.0	83.0	83.7	84.6	84.6	85.3	85.7	85.8	86.8	87.0	87.0	87.1	87.1	87.2	87.4
≥ 800	81.0	83.0	84.0	84.6	85.6	85.6	86.3	86.8	86.9	87.8	88.1	88.1	88.2	88.2	88.3	88.5
≥ 700	82.6	84.7	85.7	86.3	87.3	87.3	88.1	88.5	88.6	89.6	89.9	89.9	90.1	90.1	90.2	90.4
≥ 600	83.0	85.2	86.1	86.8	87.7	87.7	88.5	88.9	89.0	90.0	90.3	90.3	90.5	90.5	90.6	90.8
≥ 500	84.0	86.1	87.1	87.7	88.7	88.7	89.5	89.9	90.0	91.1	91.4	91.4	92.0	92.4	92.5	92.7
≥ 400	84.7	86.9	87.8	88.5	89.6	89.6	90.3	90.8	90.9	91.9	92.5	92.5	93.1	93.7	93.8	94.0
≥ 300	86.0	88.5	89.5	90.1	91.3	91.3	92.2	92.7	92.8	94.0	94.5	94.5	95.5	95.8	96.0	96.2
≥ 200	86.2	88.7	89.7	90.3	91.9	91.9	93.2	93.9	94.0	95.3	95.9	95.9	96.9	97.3	98.1	98.4
≥ 100	86.5	88.9	89.9	90.5	92.2	92.2	93.4	94.1	94.2	95.8	96.7	96.7	97.8	98.3	99.0	99.4
0	86.5	88.9	89.9	90.5	92.2	92.2	93.4	94.1	94.2	95.8	96.7	96.7	97.8	98.3	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION [illegible] STATION NAME 57-66 YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	45.9	46.4	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.9	46.9	46.9	47.1	47.1	47.1	47.1
	46.2	46.9	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.6	47.6	47.6	47.6
≥ 18000 ≥ 16000	46.3	47.0	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.7	47.7	47.7	47.7
	46.4	47.0	47.2	47.2	47.3	47.3	47.4	47.3	47.3	47.4	47.4	47.4	47.7	47.7	47.7	47.7
≥ 14000 ≥ 12000	46.9	47.6	47.8	47.8	47.9	47.9	47.9	47.9	47.9	48.0	48.0	48.1	48.2	48.2	48.2	48.2
	47.0	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.3	48.3	48.3	48.6	48.6	48.6	48.6
≥ 10000 ≥ 9000	49.4	50.3	50.6	50.6	50.8	50.8	51.1	51.2	51.2	51.3	51.3	51.3	51.6	51.6	51.6	51.6
	50.4	51.4	51.7	51.7	52.0	52.0	52.3	52.4	52.4	52.6	52.6	52.6	52.8	52.8	52.8	52.8
≥ 8000 ≥ 7000	52.4	53.4	53.7	53.7	54.0	54.0	54.7	54.8	54.8	54.9	54.9	54.9	55.1	55.1	55.1	55.1
	55.2	56.2	56.6	56.6	56.9	56.9	57.8	57.9	57.9	58.1	58.1	58.1	58.3	58.3	58.3	58.3
≥ 6000 ≥ 5000	56.0	57.1	57.4	57.4	57.8	57.8	58.7	58.8	58.8	59.0	59.0	59.0	59.2	59.2	59.2	59.2
	58.4	59.8	60.1	60.2	60.6	60.6	61.4	61.6	61.6	62.0	62.0	62.0	62.3	62.3	62.3	62.3
≥ 4500 ≥ 4000	58.9	60.2	60.6	60.7	61.0	61.0	61.9	62.0	62.0	62.4	62.4	62.4	62.8	62.8	62.8	62.8
	61.7	63.0	63.3	63.4	63.9	63.9	64.9	65.0	65.0	65.6	65.6	65.6	65.9	65.9	65.9	65.9
≥ 3500 ≥ 3000	62.6	64.0	64.3	64.6	65.0	65.0	66.1	66.2	66.2	66.8	66.8	66.8	67.1	67.1	67.1	67.1
	64.7	66.6	66.9	67.6	68.1	68.1	69.3	69.6	69.6	70.1	70.1	70.1	70.4	70.4	70.4	70.4
≥ 2500 ≥ 2000	66.0	69.2	68.6	69.2	69.8	69.8	71.2	71.4	71.4	72.0	72.3	72.3	72.7	72.7	72.7	72.7
	68.4	70.7	71.1	71.8	72.4	72.4	74.1	74.7	74.7	75.8	76.2	76.2	76.6	76.6	76.6	76.6
≥ 1800 ≥ 1500	69.8	72.2	72.7	73.3	74.0	74.0	75.7	76.2	76.2	77.3	77.8	77.8	78.1	78.1	78.1	78.1
	71.6	74.2	74.8	75.4	76.6	76.6	78.4	79.1	79.1	80.3	80.9	80.9	81.3	81.3	81.3	81.3
≥ 1200 ≥ 1000	74.4	77.7	78.0	78.7	79.8	79.8	81.7	82.3	82.3	83.8	84.3	84.3	84.9	84.9	84.9	84.9
	77.4	81.0	81.8	82.4	83.6	83.6	85.6	86.2	86.2	88.1	88.9	88.9	89.4	89.4	89.4	89.4
≥ 900 ≥ 800	78.3	81.9	82.7	83.3	84.4	84.4	86.4	87.1	87.1	89.2	90.1	90.1	90.7	90.7	90.7	90.7
	79.2	82.8	83.6	84.2	85.3	85.3	87.3	88.0	88.0	90.1	91.1	91.1	91.7	91.7	91.7	91.7
≥ 700 ≥ 600	79.7	83.2	84.0	84.7	85.8	85.8	87.8	88.4	88.4	90.6	91.6	91.6	92.1	92.1	92.2	92.2
	80.4	84.1	84.9	85.6	86.7	86.7	88.7	89.3	89.3	91.6	92.6	92.6	93.1	93.1	93.2	93.2
≥ 500 ≥ 400	81.6	85.2	86.0	86.7	87.8	87.8	89.8	90.4	90.4	92.8	93.8	93.8	94.6	94.6	94.8	94.8
	83.0	86.8	87.7	88.3	89.4	89.4	91.4	92.1	92.1	94.4	95.4	95.4	96.6	96.6	96.9	96.9
≥ 300 ≥ 200	83.4	87.2	88.1	88.8	90.1	90.1	92.1	92.8	92.8	95.2	96.2	96.4	97.6	97.6	97.9	97.9
	84.0	87.8	88.7	89.3	90.8	90.8	92.9	93.6	93.6	96.1	97.1	97.3	98.6	98.6	98.9	98.9
≥ 100 0	84.0	87.8	88.7	89.3	90.8	90.8	93.1	93.8	93.8	96.6	97.7	97.9	99.2	99.2	99.7	99.7
	84.0	87.8	88.7	89.3	90.8	90.8	93.1	93.8	93.8	96.6	97.7	97.9	99.2	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24216 STATION — [illegible] STATION NAME — 57-66 YEARS — [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0800 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	43.7	44.2	44.6	44.7	44.8	44.9	45.0	45.1	45.0	45.6	45.7	45.7	46.2	46.2	46.2	46.2
≥ 20,000	43.9	44.4	44.9	45.0	45.1	45.1	45.3	45.3	45.3	45.9	46.0	46.0	46.6	46.6	46.6	46.6
≥ 18000	44.1	44.7	45.1	45.2	45.3	45.3	45.6	45.6	45.6	46.1	46.2	46.2	46.8	46.8	46.8	46.8
≥ 16000	44.3	44.9	45.3	45.4	45.6	45.6	45.8	45.8	45.8	46.3	46.4	46.4	47.0	47.0	47.0	47.0
≥ 14000	44.4	45.0	45.4	45.5	45.7	45.7	45.9	45.9	45.9	46.4	46.6	46.6	47.1	47.1	47.1	47.1
≥ 12000	44.7	45.4	45.9	46.1	46.2	46.2	46.7	46.7	46.7	47.2	47.3	47.4	47.9	47.9	47.9	47.9
≥ 10000	47.0	47.8	48.2	48.4	48.6	48.6	49.1	49.2	49.2	49.8	49.9	49.9	50.4	50.4	50.4	50.4
≥ 9000	48.3	49.1	49.6	50.0	50.1	50.1	50.7	50.8	50.8	51.3	51.4	51.4	52.0	52.0	52.0	52.0
≥ 8000	50.0	50.8	51.2	51.7	51.8	51.8	52.4	52.7	52.7	53.2	53.3	53.3	53.9	53.9	53.9	53.9
≥ 7000	53.3	54.3	54.8	55.3	55.4	55.4	56.1	56.3	56.3	56.9	57.0	57.0	57.6	57.6	57.6	57.6
≥ 6000	54.4	55.4	55.9	56.4	56.7	56.7	57.3	57.6	57.6	58.1	58.2	58.2	58.8	58.8	58.8	58.8
≥ 5000	56.2	57.2	57.7	58.4	58.7	58.7	59.3	59.6	59.6	60.1	60.2	60.2	60.8	60.8	60.8	60.8
≥ 4500	57.2	58.3	58.8	59.6	59.8	59.8	60.4	60.7	60.7	61.2	61.3	61.3	61.9	61.9	61.9	61.9
≥ 4000	59.8	61.1	61.7	62.6	63.2	63.2	63.9	64.1	64.1	64.7	64.8	64.8	65.3	65.3	65.3	65.3
≥ 3500	61.3	62.7	63.2	64.1	64.8	64.8	65.4	65.7	65.7	66.2	66.3	66.3	66.9	66.9	66.9	66.9
≥ 3000	63.0	64.7	65.3	66.4	67.4	67.4	68.2	68.6	68.6	69.1	69.2	69.2	69.8	69.8	69.8	69.8
≥ 2500	63.9	65.7	66.3	67.4	68.7	68.7	69.9	70.2	70.2	70.9	71.1	71.1	71.7	71.7	71.7	71.7
≥ 2000	66.7	68.6	69.3	70.6	72.3	72.3	73.9	74.6	74.6	75.2	75.6	75.6	76.3	76.3	76.3	76.3
≥ 1800	67.2	69.2	70.0	71.2	73.0	73.0	74.6	75.2	75.2	75.9	76.2	76.2	77.0	77.0	77.0	77.0
≥ 1500	70.0	72.1	73.1	74.3	76.6	76.6	78.1	79.1	79.1	80.2	80.6	80.6	81.3	81.3	81.3	81.3
≥ 1200	71.6	73.9	74.9	76.2	78.4	78.4	80.2	81.3	81.3	82.6	82.9	82.9	83.9	83.9	83.9	83.9
≥ 1000	73.6	76.3	77.4	79.1	81.4	81.4	83.7	84.8	84.8	87.1	87.4	87.4	88.6	88.6	88.6	88.6
≥ 900	74.6	77.3	78.4	80.1	82.4	82.4	84.7	85.8	85.8	88.1	88.6	88.6	89.8	89.8	89.8	89.8
≥ 800	75.6	78.3	79.4	81.2	83.6	83.6	86.0	87.1	87.1	89.4	89.9	89.9	91.1	91.1	91.1	91.1
≥ 700	76.3	79.1	80.2	82.0	84.3	84.3	86.8	87.9	87.9	90.4	90.9	90.9	92.1	92.1	92.1	92.1
≥ 600	77.4	80.2	81.3	83.1	85.6	85.6	88.0	89.1	89.1	91.8	92.2	92.2	93.4	93.4	93.4	93.4
≥ 500	78.1	80.9	82.0	83.8	86.4	86.4	88.9	90.0	90.0	92.7	93.1	93.1	94.4	94.4	94.4	94.4
≥ 400	79.2	82.1	83.2	85.0	87.7	87.7	90.1	91.2	91.2	93.9	94.4	94.4	95.9	95.9	95.9	95.9
≥ 300	79.7	82.6	83.8	85.6	88.4	88.4	90.9	92.0	92.0	95.0	95.6	95.6	97.2	97.2	97.2	97.2
≥ 200	80.2	83.7	85.1	86.9	89.8	89.8	92.7	93.8	93.8	97.2	98.0	98.2	99.8	99.8	99.8	99.8
≥ 100	80.2	83.7	85.1	86.9	89.8	89.8	92.7	93.8	93.8	97.3	98.1	98.3	99.9	99.9	99.9	100.0
0	80.2	83.7	85.1	86.9	89.8	89.8	92.7	93.8	93.8	97.3	98.1	98.3	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] 57-66 YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] GMT [illegible]

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1⅝	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.3	38.7	38.8	38.8	38.8	38.9	39.2	39.3	39.3	40.1	40.1	40.3	40.7	40.7	41.0	41.0
≥ 20000	40.0	40.3	40.4	40.4	40.4	40.4	40.8	41.0	41.0	41.9	41.9	42.1	42.4	42.4	42.8	42.8
≥ 18000	40.0	40.3	40.4	40.4	40.4	40.4	40.9	41.0	41.0	41.9	41.9	42.1	42.4	42.4	42.8	42.8
≥ 16000	40.0	40.3	40.4	40.4	40.4	40.4	40.9	41.0	41.0	41.9	41.9	42.1	42.4	42.4	42.8	42.8
≥ 14000	40.0	40.3	40.4	40.4	40.4	40.4	40.9	41.0	41.0	41.9	41.9	42.1	42.4	42.4	42.8	42.8
≥ 12000	40.0	40.3	40.4	40.4	40.4	40.4	40.9	41.0	41.0	41.9	41.9	42.1	42.4	42.4	42.8	42.8
≥ 10000	42.0	42.9	43.0	43.0	43.0	43.0	43.8	43.9	43.9	44.9	44.9	45.1	45.4	45.4	45.8	45.8
≥ 9000	43.9	44.2	44.3	44.3	44.3	44.3	45.1	45.2	45.2	46.2	46.2	46.4	46.8	46.8	47.1	47.1
≥ 8000	46.7	47.0	47.1	47.1	47.1	47.1	48.0	48.2	48.2	49.2	49.2	49.4	49.8	49.8	50.1	50.1
≥ 7000	53.0	53.3	53.6	53.6	53.6	53.6	54.6	54.8	54.8	55.8	55.8	56.0	56.3	56.3	56.7	56.7
≥ 6000	53.9	54.2	54.4	54.4	54.4	54.4	55.4	55.7	55.7	56.7	56.7	56.9	57.2	57.2	57.6	57.6
≥ 5000	56.4	56.8	57.0	57.1	57.1	57.1	58.1	58.3	58.3	59.3	59.3	59.6	59.9	59.9	60.2	60.2
≥ 4500	57.3	57.7	57.9	58.0	58.0	58.0	59.0	59.2	59.2	60.2	60.2	60.4	60.8	60.8	61.1	61.1
≥ 4000	59.7	60.2	60.4	60.7	60.7	60.7	61.9	62.1	62.1	63.2	63.2	63.4	63.8	63.8	64.1	64.1
≥ 3500	60.7	61.2	61.6	61.8	61.8	61.8	63.0	63.2	63.2	64.3	64.3	64.6	64.9	64.9	65.2	65.2
≥ 3000	61.9	62.7	63.0	63.3	63.6	63.6	64.8	65.1	65.1	66.4	66.6	66.9	67.1	67.1	67.4	67.4
≥ 2500	64.7	65.6	66.1	66.8	67.0	67.0	68.3	68.7	68.7	70.2	70.3	70.4	70.9	70.9	71.2	71.2
≥ 2000	66.6	67.8	68.3	68.3	70.1	70.1	71.9	72.2	72.2	74.0	74.2	74.4	74.8	74.8	75.1	75.1
≥ 1800	67.2	68.4	69.0	70.0	70.8	70.8	72.6	72.9	72.9	74.8	75.0	75.2	75.6	75.6	75.9	75.9
≥ 1500	69.1	70.6	71.3	72.4	73.4	73.4	75.4	76.0	76.0	78.0	78.6	78.8	79.1	79.1	79.4	79.4
≥ 1200	71.9	73.3	74.2	75.4	76.0	76.6	78.7	79.3	79.3	81.7	82.3	82.6	82.9	82.9	83.3	83.3
≥ 1000	73.0	74.7	76.7	78.0	79.3	79.3	81.7	82.8	82.8	86.7	87.4	87.9	88.2	88.2	88.7	88.8
≥ 900	74.1	76.2	77.2	78.6	79.9	79.9	82.3	83.4	83.4	87.6	88.4	88.9	89.3	89.3	89.8	89.9
≥ 800	74.8	76.9	77.9	79.2	80.6	80.6	83.0	84.2	84.2	88.3	89.2	89.7	90.2	90.2	90.7	90.8
≥ 700	75.7	77.9	78.9	80.2	81.6	81.6	84.0	85.2	85.3	89.6	90.4	90.9	91.6	91.6	92.0	92.1
≥ 600	76.2	78.4	79.4	80.8	82.1	82.1	84.6	85.8	85.9	90.2	91.1	91.6	92.4	92.4	93.1	93.2
≥ 500	77.4	79.7	80.8	82.3	83.7	83.7	86.1	87.3	87.4	91.8	92.7	93.1	94.3	94.3	95.1	95.1
≥ 400	78.9	81.2	82.3	83.9	85.4	85.4	87.9	89.1	89.2	93.6	94.6	94.9	96.1	96.1	96.8	96.9
≥ 300	79.1	81.7	82.8	84.4	86.0	86.0	88.4	89.7	89.8	94.1	95.0	95.6	96.8	96.8	97.7	97.8
≥ 200	79.6	82.6	83.9	85.6	87.3	87.3	89.9	91.2	91.3	95.8	96.9	97.4	98.8	98.8	99.7	99.8
≥ 100	79.6	82.6	83.9	85.6	87.3	87.3	89.9	91.2	91.3	95.8	96.9	97.4	98.8	98.8	99.7	99.9
≥ 0	79.6	82.6	83.9	85.6	87.3	87.3	89.9	91.2	91.3	95.8	96.9	97.4	98.8	98.8	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26310 STATION | FLT STRPSTN NAT HIT STATION NAME | 57-66 YEARS | CV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-1100 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.9	35.2	35.2	35.7	35.9	35.9	35.9	35.9	35.9	36.7	36.9	36.9	37.1	37.1	37.2	37.3
≥ 20000	39.9	40.4	40.4	41.0	41.2	41.2	41.2	41.2	41.2	42.0	42.2	42.2	42.4	42.4	42.6	42.7
≥ 18000	40.0	40.6	40.6	41.1	41.3	41.3	41.3	41.3	41.3	42.1	42.3	42.3	42.6	42.6	42.7	42.8
≥ 16000	40.3	40.9	40.9	41.4	41.7	41.7	41.7	41.7	41.7	42.4	42.7	42.7	42.9	42.9	43.0	43.1
≥ 14000	41.1	41.7	41.7	42.2	42.4	42.4	42.4	42.4	42.4	43.2	43.4	43.4	43.7	43.7	43.8	43.9
≥ 12000	42.2	42.8	42.8	43.4	43.7	43.8	43.8	43.8	43.8	44.6	44.8	44.8	45.0	45.0	45.1	45.2
≥ 10000	44.0	44.7	44.8	45.4	45.7	45.8	45.8	45.8	45.8	46.6	46.8	46.8	47.0	47.0	47.1	47.2
≥ 9000	47.1	48.4	48.6	49.3	49.6	49.7	49.8	49.8	49.8	50.6	50.8	50.8	51.0	51.0	51.1	51.2
≥ 8000	51.4	53.1	53.4	54.4	54.7	54.8	55.0	55.0	55.0	55.8	56.0	56.0	56.2	56.2	56.3	56.4
≥ 7000	54.0	56.1	56.4	57.6	57.8	57.9	58.4	58.6	58.6	59.6	59.7	59.7	59.9	59.9	60.0	60.1
≥ 6000	54.3	56.4	56.8	57.9	58.1	58.2	58.8	58.9	58.9	59.8	60.0	60.0	60.2	60.2	60.3	60.4
≥ 5000	56.8	59.0	59.3	60.4	60.7	60.8	61.4	61.4	61.4	62.3	62.6	62.6	62.8	62.8	62.9	63.0
≥ 4500	57.4	59.7	60.0	61.1	61.3	61.4	62.0	62.1	62.1	63.0	63.2	63.2	63.4	63.4	63.6	63.7
≥ 4000	60.2	62.7	63.1	64.3	64.8	64.9	65.7	65.8	65.8	66.7	66.9	66.9	67.1	67.1	67.2	67.3
≥ 3500	60.4	62.9	63.3	64.6	65.0	65.1	65.9	66.0	66.0	66.9	67.1	67.1	67.3	67.3	67.4	67.6
≥ 3000	61.8	64.8	65.3	66.6	67.4	67.6	68.6	68.7	68.7	69.9	70.1	70.1	70.3	70.3	70.4	70.6
≥ 2500	63.2	66.2	66.8	68.0	69.1	69.2	70.3	70.4	70.4	71.7	71.9	71.9	72.1	72.1	72.2	72.3
≥ 2000	67.6	71.6	72.1	73.4	75.0	75.1	76.4	76.6	76.6	78.3	79.0	79.0	79.3	79.3	79.4	79.6
≥ 1800	67.8	71.6	72.1	73.4	75.0	75.1	76.4	76.6	76.6	78.3	79.0	79.0	79.4	79.4	79.6	79.7
≥ 1500	69.0	73.6	74.2	75.6	77.2	77.3	79.0	79.8	79.8	81.9	82.7	82.7	83.2	83.2	83.3	83.4
≥ 1200	71.3	75.7	76.4	77.9	79.7	79.8	81.6	82.6	82.6	84.8	85.7	85.7	86.2	86.2	86.3	86.4
≥ 1000	73.1	78.0	78.8	80.6	83.0	83.1	85.1	86.6	86.6	89.9	90.9	90.9	91.6	91.6	91.7	91.8
≥ 900	74.1	79.0	79.8	81.6	84.0	84.1	86.1	87.6	87.6	90.9	91.9	91.9	92.6	92.6	92.7	92.8
≥ 800	74.8	79.7	80.4	82.2	84.7	84.8	86.8	88.3	88.3	91.7	93.0	93.0	93.8	93.8	93.9	94.0
≥ 700	75.1	80.0	80.8	82.6	85.1	85.2	87.2	88.9	88.9	92.3	93.9	93.9	94.7	94.7	94.8	94.9
≥ 600	75.6	80.4	81.2	83.0	85.6	85.7	87.7	89.3	89.3	92.8	94.3	94.3	95.1	95.1	95.4	95.4
≥ 500	75.8	80.9	81.7	83.4	86.0	86.1	88.1	89.8	89.8	93.2	94.8	94.8	96.2	96.2	96.7	96.8
≥ 400	76.7	81.8	82.7	84.4	87.0	87.1	89.1	90.8	90.8	94.2	95.8	95.8	97.7	97.8	98.3	98.4
≥ 300	76.8	82.0	82.9	84.7	87.2	87.3	89.4	91.2	91.2	94.9	96.6	96.6	98.6	98.7	99.2	99.3
≥ 200	76.8	82.1	83.0	84.8	87.3	87.4	89.6	91.3	91.3	95.2	96.9	96.9	98.9	99.0	99.6	99.8
≥ 100	76.8	82.1	83.1	84.9	87.4	87.6	89.7	91.4	91.4	95.3	97.0	97.1	99.1	99.2	99.8	100.0
0	76.8	82.1	83.1	84.9	87.4	87.6	89.7	91.4	91.4	95.3	97.0	97.1	99.1	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~2021C~~ STATION ~~FORT STURGIS~~ STATION NAME ~~NWT~~ ~~57-66~~ YEARS ~~JUL~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1200-1400~~

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.2	46.0	46.0	46.2	46.2	46.2	46.3	46.3	46.3	46.4	46.7	46.7	46.7	46.7	46.7	46.7
≥ 20000	45.4	46.0	46.8	47.1	47.2	47.2	47.4	47.4	47.4	47.4	47.8	47.8	47.8	47.8	47.8	47.8
≥ 18000	45.6	46.7	46.9	47.2	47.3	47.3	47.6	47.6	47.6	47.7	47.9	47.9	47.9	47.9	47.9	47.9
≥ 16000	46.0	47.1	47.3	47.7	47.8	47.8	48.0	48.0	48.0	48.1	48.3	48.3	48.3	48.3	48.3	48.3
≥ 14000	46.1	47.2	47.4	47.8	47.9	47.9	48.1	48.1	48.1	48.2	48.4	48.4	48.4	48.4	48.4	48.4
≥ 12000	47.9	49.3	49.4	49.8	50.0	50.0	50.2	50.2	50.2	50.3	50.6	50.6	50.6	50.6	50.6	50.6
≥ 10000	50.3	51.8	52.0	52.3	52.4	53.0	53.3	53.3	53.3	53.4	53.7	53.7	53.7	53.7	53.7	53.7
≥ 9000	58.7	57.3	57.7	58.1	59.1	59.2	59.6	59.6	59.6	59.7	59.9	59.9	59.9	59.9	59.9	59.9
≥ 8000	60.8	62.7	63.1	63.8	64.7	64.8	65.1	65.1	65.1	65.2	65.4	65.4	65.4	65.4	65.4	65.4
≥ 7000	63.0	65.0	65.6	66.2	67.2	67.3	67.6	68.1	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4
≥ 6000	63.4	65.6	66.1	66.8	67.6	67.9	68.3	68.7	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0
≥ 5000	64.1	66.2	66.9	67.7	68.7	68.8	69.2	69.6	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4500	65.2	67.4	68.0	68.8	69.9	70.0	70.4	70.8	70.8	70.9	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4000	65.9	68.1	68.7	69.6	70.6	70.7	71.1	71.6	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8
≥ 3500	67.0	69.4	70.0	70.8	71.9	72.0	72.4	72.8	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3000	69.6	72.2	72.8	73.6	74.8	74.9	75.7	76.0	76.1	76.3	76.7	76.7	76.7	76.7	76.7	76.7
≥ 2500	70.9	74.3	75.0	75.8	77.0	77.2	78.2	79.0	79.1	79.3	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2000	73.3	77.3	78.2	79.0	80.8	81.0	82.1	83.3	83.6	83.7	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1800	73.6	77.6	78.4	79.2	81.0	81.2	82.3	83.7	83.8	84.0	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1500	75.0	79.4	80.4	81.3	83.2	83.4	84.9	86.3	86.4	87.0	87.7	87.7	87.8	87.8	87.8	87.8
≥ 1200	77.0	81.4	82.6	83.4	85.7	85.9	87.3	88.9	89.0	89.7	90.3	90.3	90.4	90.4	90.4	90.4
≥ 1000	80.2	83.9	86.2	87.1	89.4	89.8	91.3	93.0	93.1	94.3	95.1	95.1	95.6	95.6	95.6	95.6
≥ 900	80.7	85.4	86.7	87.6	90.0	90.4	92.1	93.8	93.9	95.2	96.0	96.0	96.4	96.4	96.4	96.4
≥ 800	80.8	85.6	86.8	87.7	90.3	90.8	92.4	94.1	94.2	95.7	96.4	96.4	97.0	97.0	97.0	97.0
≥ 700	81.0	85.8	87.0	87.9	90.6	91.0	92.7	94.3	94.4	95.9	96.7	96.8	97.3	97.3	97.3	97.3
≥ 600	81.7	86.4	87.7	88.6	91.2	91.7	93.3	95.1	95.2	96.7	97.6	97.7	98.3	98.4	98.4	98.4
≥ 500	82.1	86.9	88.1	89.0	91.7	92.1	93.8	95.6	95.7	97.1	98.0	98.1	98.9	99.0	99.0	99.0
≥ 400	82.6	87.3	88.6	89.4	92.1	92.6	94.2	96.0	96.1	97.6	98.4	98.6	99.4	99.6	99.6	99.6
≥ 300	82.6	87.4	88.9	89.8	92.4	92.9	94.6	96.3	96.4	97.9	98.8	98.9	99.8	99.9	99.9	99.9
≥ 200	82.6	87.4	88.9	89.8	92.4	92.9	94.6	96.3	96.4	97.9	98.8	98.9	99.8	99.9	99.9	99.9
≥ 100	82.6	87.4	89.0	89.9	92.6	93.0	94.7	96.4	96.6	98.0	98.9	99.0	99.9	100.0	100.0	100.0
0	82.6	87.4	89.0	89.9	92.6	93.0	94.7	96.4	96.6	98.0	98.9	99.0	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~24210~~ STATION ~~FORT STAPSON, Nr F (GT~~ STATION NAME ~~57-66~~ YEARS ~~JV~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1500-1700~~

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.2	42.3	42.3	42.4	42.6	42.6	42.6	42.9	42.6	42.6	42.6	42.6	42.9	42.9	42.9	42.9
≥ 20000	45.9	46.6	46.6	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	47.1	47.1	47.1	47.1
≥ 18000	46.4	47.1	47.1	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.7	47.7	47.7	47.7
≥ 16000	46.4	47.1	47.1	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.7	47.7	47.7	47.7
≥ 14000	46.8	47.4	47.4	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	48.0	48.0	48.0	48.0
≥ 12000	48.6	49.3	49.3	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.9	49.9	49.9	49.9
≥ 10000	51.7	52.6	53.0	53.2	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	54.0	54.0	54.0	54.0
≥ 9000	56.1	57.6	57.9	58.3	58.7	58.7	58.8	58.9	58.9	58.9	58.9	58.9	59.2	59.2	59.2	59.2
≥ 8000	59.4	61.3	61.8	62.2	62.6	62.6	62.7	62.8	62.8	62.8	62.8	62.8	63.1	63.1	63.1	63.1
≥ 7000	62.0	64.0	64.6	65.0	65.3	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.9	65.9	65.9	65.9
≥ 6000	62.4	64.4	65.0	65.4	65.8	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.3	66.3	66.3	66.3
≥ 5000	64.4	66.8	67.3	67.8	68.2	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.8	68.8	68.8	68.8
≥ 4500	64.9	67.3	67.9	68.3	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.3	69.3	69.3	69.3
≥ 4000	65.6	68.2	69.0	69.4	70.1	70.1	70.2	70.3	70.3	70.6	70.6	70.6	70.9	70.9	70.9	70.9
≥ 3500	66.3	69.0	69.8	70.3	71.1	71.1	71.2	71.3	71.3	71.6	71.6	71.6	71.9	71.9	71.9	71.9
≥ 3000	69.1	72.1	73.0	73.6	74.9	74.9	75.0	75.3	75.3	75.7	75.7	75.7	76.0	76.0	76.0	76.0
≥ 2500	70.7	74.0	74.9	75.7	77.2	77.2	77.4	78.1	78.1	78.7	78.7	78.7	79.0	79.0	79.0	79.0
≥ 2000	73.4	77.0	78.0	79.8	81.6	81.6	82.2	82.9	82.9	83.8	83.8	83.8	84.1	84.1	84.1	84.1
≥ 1800	73.6	77.1	78.7	79.9	81.7	81.7	82.3	83.0	83.0	84.0	84.0	84.0	84.3	84.3	84.3	84.3
≥ 1500	76.0	79.9	81.7	82.9	84.8	84.8	85.4	86.3	86.3	87.3	87.6	87.6	88.0	88.0	88.0	88.0
≥ 1200	78.0	81.9	83.7	84.9	87.0	87.0	87.8	88.7	88.7	89.8	90.0	90.0	90.4	90.4	90.4	90.4
≥ 1000	82.0	85.9	87.7	88.9	91.0	91.0	92.1	93.0	93.0	94.3	94.8	94.8	95.4	95.4	95.4	95.4
≥ 900	82.1	86.0	87.8	89.0	91.2	91.2	92.3	93.2	93.2	94.8	95.2	95.2	95.9	95.9	95.9	95.9
≥ 800	82.3	86.2	88.0	89.2	91.4	91.4	92.6	93.4	93.4	95.0	95.4	95.4	96.2	96.2	96.2	96.2
≥ 700	82.8	86.7	88.4	89.7	91.9	91.9	93.0	93.9	93.9	95.4	96.0	96.0	96.8	96.8	96.8	96.8
≥ 600	83.3	87.2	89.0	90.2	92.6	92.6	93.7	94.6	94.6	96.1	96.7	96.7	97.6	97.6	97.6	97.6
≥ 500	84.0	87.9	89.7	90.9	93.2	93.2	94.4	95.3	95.3	96.9	97.7	97.7	98.6	98.6	98.6	98.6
≥ 400	84.3	88.3	90.1	91.3	93.9	93.9	95.1	96.0	96.0	97.6	98.3	98.3	99.2	99.2	99.2	99.2
≥ 300	84.7	88.8	90.6	91.8	94.3	94.3	95.6	96.4	96.4	98.1	98.9	98.9	99.8	99.8	99.9	99.9
≥ 200	84.7	88.8	90.6	91.8	94.3	94.3	95.6	96.4	96.4	98.1	98.9	98.9	99.8	99.8	99.9	99.9
≥ 100	84.7	88.8	90.6	91.8	94.3	94.3	95.6	96.4	96.4	98.1	98.9	98.9	99.8	99.8	99.9	99.9
0	84.7	88.8	90.6	91.8	94.3	94.3	95.9	96.4	96.4	98.1	98.9	98.9	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

2621 (STATION) FT STEPHENS NAF (STATION NAME) 57-66 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	45.4	45.7	46.0	46.0	46.2	46.2	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4
	47.0	47.2	47.6	47.6	47.8	47.8	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 18000 ≥ 16000	47.0	47.2	47.6	47.6	47.8	47.8	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0
	47.1	47.3	47.7	47.7	47.9	47.9	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 14000 ≥ 12000	47.7	47.9	48.2	48.2	48.4	48.4	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
	48.2	48.7	49.0	49.0	49.2	49.2	49.4	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 10000 ≥ 9000	51.0	51.9	52.2	52.2	52.4	52.4	52.6	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
	52.6	53.8	54.3	54.3	54.6	54.7	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 8000 ≥ 7000	54.7	56.1	56.7	56.7	56.9	57.0	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
	57.9	59.6	60.1	60.1	60.3	60.4	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 6000 ≥ 5000	58.4	60.2	60.8	60.8	61.0	61.1	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6
	61.1	63.0	63.8	63.8	64.1	64.2	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 4500 ≥ 4000	61.1	63.1	63.9	64.0	64.3	64.4	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
	63.2	65.8	66.7	66.9	67.0	67.1	68.1	68.3	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7
≥ 3500 ≥ 3000	65.0	67.0	68.0	68.8	69.4	69.6	70.0	70.2	70.2	70.6	70.7	70.7	70.7	70.7	70.7	70.7
	68.1	70.8	71.8	72.1	73.0	73.1	73.8	73.9	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3
≥ 2500 ≥ 2000	69.0	71.7	72.7	73.1	74.7	74.8	75.4	76.2	76.2	76.6	76.7	76.7	76.7	76.7	76.7	76.7
	70.9	73.7	74.8	75.2	77.1	77.2	78.1	78.9	78.9	79.8	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1800 ≥ 1500	71.6	74.6	75.8	76.2	78.2	78.3	79.2	80.0	80.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1
	73.9	77.0	78.3	78.8	80.8	80.9	82.1	83.0	83.0	84.1	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1200 ≥ 1000	76.2	79.6	80.9	81.3	83.3	83.4	84.9	86.0	86.0	87.7	88.0	88.1	88.2	88.2	88.2	88.2
	79.3	82.6	84.1	84.6	86.6	86.7	88.1	89.2	89.2	91.7	92.6	92.6	92.9	92.9	92.9	92.9
≥ 900 ≥ 800	79.3	82.9	84.2	84.7	86.7	86.8	88.2	89.3	89.3	91.8	92.7	92.7	93.0	93.0	93.0	93.0
	79.4	83.6	84.9	85.4	87.6	87.7	89.1	90.2	90.2	92.7	93.8	93.8	94.1	94.1	94.1	94.1
≥ 700 ≥ 600	81.1	84.9	86.2	86.8	88.9	89.0	90.4	91.6	91.6	94.0	95.1	95.1	95.4	95.4	95.4	95.4
	82.4	86.2	87.6	88.1	90.2	90.3	91.8	92.9	92.9	95.3	96.4	96.4	96.8	96.8	96.8	96.8
≥ 500 ≥ 400	82.9	87.0	88.3	89.0	91.1	91.2	92.7	93.8	93.8	96.3	97.4	97.4	97.8	97.8	97.9	97.9
	83.1	87.2	88.6	89.2	91.9	91.7	93.1	94.3	94.3	96.9	98.0	98.0	98.3	98.3	98.4	98.4
≥ 300 ≥ 200	83.7	87.9	89.2	89.9	92.2	92.3	94.0	95.2	95.2	97.8	98.9	98.9	99.2	99.2	99.3	99.3
	83.7	88.1	89.4	90.1	92.4	92.6	94.2	95.4	95.4	98.0	99.1	99.1	99.4	99.4	99.6	99.6
≥ 100 0	83.7	88.1	89.4	90.1	92.4	92.6	94.2	95.4	95.4	98.0	99.1	99.1	99.4	99.4	99.7	99.9
	83.7	88.1	89.4	90.1	92.4	92.6	94.2	95.4	95.4	98.0	99.1	99.1	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~20710~~ STATION ~~FLAT SIMPSON~~ STATION NAME ~~NWT~~ 37-66 YEARS ~~OV~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~2100-2300~~ HOUR (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5 16	≥ ¼	≥ 0
NO CEILING	46.3	47.4	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 20000	47.0	48.7	48.8	48.8	48.9	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 18000	47.7	48.8	48.9	48.9	49.2	49.2	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 16000	47.7	48.8	48.9	48.9	49.2	49.2	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 14000	48.0	49.1	49.3	49.3	49.7	49.7	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 12000	48.7	49.9	50.1	50.1	50.4	50.4	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 10000	51.7	52.9	53.2	53.2	53.6	53.9	54.1	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 9000	52.4	53.5	54.3	54.6	55.1	55.2	55.4	55.4	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 8000	53.6	55.8	56.2	56.4	57.0	57.1	57.3	57.3	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 7000	56.7	59.2	59.8	60.0	60.8	60.9	61.1	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 6000	57.8	60.9	61.4	61.7	62.4	62.6	62.8	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 5000	59.8	63.0	63.7	63.9	64.7	64.8	65.0	65.2	65.2	65.6	65.6	65.6	65.7	65.7	65.7	65.7
≥ 4500	60.2	63.4	64.1	64.4	65.2	65.3	65.6	65.8	65.8	66.1	66.1	66.1	66.2	66.2	66.2	66.2
≥ 4000	61.6	65.3	66.0	66.3	67.1	67.2	67.7	68.0	68.0	68.3	68.3	68.3	68.4	68.4	68.4	68.4
≥ 3500	62.9	66.9	67.6	67.9	68.7	68.8	69.3	69.7	69.7	70.1	70.1	70.1	70.2	70.2	70.2	70.2
≥ 3000	65.1	69.3	70.3	70.7	71.4	71.6	72.1	72.6	72.6	73.0	73.0	73.0	73.1	73.1	73.1	73.1
≥ 2500	66.6	70.9	71.9	72.2	73.6	73.7	74.4	75.1	75.1	75.7	75.8	75.8	75.9	75.9	75.9	75.9
≥ 2000	68.1	72.9	73.9	74.2	75.7	75.8	76.6	77.2	77.2	78.0	78.3	78.3	78.4	78.4	78.4	78.4
≥ 1800	69.0	74.3	75.3	75.8	77.2	77.4	78.2	78.9	78.9	79.7	80.0	80.0	80.1	80.1	80.1	80.1
≥ 1500	72.1	77.1	78.2	78.7	80.2	80.4	81.3	82.0	82.0	82.9	83.2	83.2	83.3	83.3	83.3	83.3
≥ 1200	74.4	79.6	80.7	81.4	83.0	83.2	84.1	84.9	84.9	85.9	86.3	86.3	86.4	86.4	86.4	86.4
≥ 1000	76.9	82.1	83.2	84.1	85.7	85.9	86.9	87.7	87.7	89.0	89.9	89.9	90.1	90.1	90.1	90.1
≥ 900	77.1	82.4	83.6	84.4	86.0	86.2	87.3	88.1	88.1	89.4	90.3	90.3	90.7	90.7	90.7	90.7
≥ 800	78.0	83.3	84.4	85.4	87.0	87.2	88.4	89.2	89.2	90.6	91.6	91.6	91.9	91.9	91.9	91.9
≥ 700	79.4	84.8	85.9	86.9	88.4	88.7	89.9	90.7	90.7	92.0	93.0	93.1	93.4	93.4	93.4	93.4
≥ 600	80.7	86.0	87.1	88.1	89.7	89.9	91.1	91.9	91.9	93.2	94.2	94.3	94.7	94.8	94.8	94.8
≥ 500	81.6	87.1	88.2	89.3	90.9	91.1	92.3	93.1	93.1	94.6	95.7	95.8	96.1	96.2	96.3	96.3
≥ 400	82.3	87.9	89.3	90.4	92.2	92.4	93.7	94.4	94.4	95.9	97.0	97.1	97.4	97.6	97.8	97.8
≥ 300	83.2	88.9	90.3	91.4	93.2	93.4	94.7	95.4	95.4	97.0	98.1	98.2	98.6	98.7	99.0	99.0
≥ 200	83.4	89.1	90.6	91.7	93.4	93.7	94.9	95.7	95.7	97.2	98.3	98.4	98.8	98.9	99.2	99.2
≥ 100	83.4	89.1	90.6	91.7	93.4	93.7	94.9	95.7	95.7	97.3	98.4	98.5	99.1	99.2	99.6	99.8
0	83.4	89.1	90.6	91.7	93.4	93.7	94.9	95.7	95.7	97.3	98.4	98.6	99.1	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

1

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~26216~~ STATION ~~Flint Simpson Mnt~~ STATION NAME ~~57-66~~ YEARS ~~JFC~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0000-0200~~ GMT (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.4	48.9	49.2	49.2	49.4	49.4	49.7	49.7	49.7	50.1	50.1	50.1	50.4	50.6	50.6	50.6
≥ 20000	49.1	49.7	50.0	50.0	50.1	50.1	50.4	50.4	50.4	50.9	50.9	50.9	51.2	51.4	51.4	51.4
≥ 18000	49.1	49.7	50.0	50.0	50.1	50.1	50.4	50.4	50.4	50.9	50.9	50.9	51.2	51.4	51.4	51.4
≥ 16000	49.2	49.8	50.1	50.1	50.2	50.2	50.5	50.5	50.5	51.0	51.0	51.0	51.3	51.5	51.5	51.5
≥ 14000	49.8	50.3	50.6	50.6	50.8	50.8	51.1	51.1	51.1	51.5	51.5	51.9	51.8	52.0	52.0	52.0
≥ 12000	51.0	51.5	51.8	51.8	51.9	51.9	52.3	52.3	52.3	52.7	52.7	52.7	53.0	53.2	53.2	53.2
≥ 10000	53.9	54.6	54.9	54.9	55.1	55.1	55.4	55.4	55.4	55.8	55.8	55.8	56.1	56.3	56.3	56.3
≥ 9000	55.1	55.9	56.2	56.2	56.5	56.5	56.9	56.9	56.9	57.3	57.3	57.3	57.6	57.8	57.8	57.8
≥ 8000	56.5	57.6	58.0	58.1	58.3	58.3	58.7	58.7	58.7	59.1	59.1	59.1	59.5	59.7	59.7	59.7
≥ 7000	60.2	61.5	61.8	61.9	62.2	62.2	62.6	62.6	62.6	63.0	63.0	63.0	63.3	63.5	63.5	63.5
≥ 6000	61.6	62.9	63.2	63.3	63.5	63.5	64.0	64.0	64.0	64.4	64.4	64.4	64.7	64.9	64.9	64.9
≥ 5000	64.4	65.9	66.3	66.6	66.8	66.8	67.3	67.3	67.3	67.7	67.7	67.7	68.1	68.3	68.3	68.3
≥ 4500	65.4	66.9	67.3	67.5	67.7	67.7	68.3	68.3	68.3	68.7	68.7	68.7	69.0	69.2	69.2	69.2
≥ 4000	69.4	71.1	71.4	71.7	72.2	72.2	73.0	73.1	73.1	73.5	73.5	73.5	73.9	74.1	74.1	74.1
≥ 3500	70.1	71.8	72.3	72.5	73.0	73.0	73.9	74.0	74.0	74.4	74.4	74.4	74.7	74.9	74.9	74.9
≥ 3000	72.0	74.1	74.6	74.8	75.6	75.6	76.5	76.9	76.9	77.4	77.4	77.4	77.7	78.0	78.0	78.0
≥ 2500	73.8	75.9	76.6	76.8	77.7	77.7	79.0	79.6	79.6	80.4	80.4	80.4	80.8	81.0	81.0	81.0
≥ 2000	76.2	78.4	79.2	79.6	80.8	80.8	82.2	83.1	83.1	84.6	84.8	84.8	85.2	85.4	85.4	85.4
≥ 1800	76.7	78.8	79.7	80.0	81.2	81.2	82.6	83.5	83.5	85.1	85.3	85.3	85.6	85.8	85.8	85.8
≥ 1500	78.2	80.6	81.7	82.0	83.2	83.2	84.8	86.0	86.0	87.8	88.3	88.3	88.6	88.8	88.8	88.8
≥ 1200	79.1	81.7	82.7	83.0	84.2	84.2	86.0	87.2	87.2	89.0	89.6	89.6	89.9	90.1	90.1	90.1
≥ 1000	81.6	84.4	85.4	85.7	87.0	87.0	88.8	90.1	90.1	92.5	93.2	93.2	93.8	94.0	94.0	94.0
≥ 900	82.0	84.9	86.0	86.3	87.6	87.6	89.5	90.8	90.8	93.1	93.9	93.9	94.4	94.7	94.7	94.7
≥ 800	83.0	85.9	87.0	87.3	88.6	88.6	90.4	91.7	91.7	94.1	94.8	94.8	95.3	95.8	95.8	95.8
≥ 700	84.0	86.9	88.0	88.3	89.6	89.6	91.5	92.8	92.8	95.2	96.1	96.1	96.8	97.1	97.1	97.1
≥ 600	84.2	87.1	88.2	88.5	89.8	89.8	91.8	93.1	93.1	95.5	96.5	96.5	97.1	97.4	97.4	97.4
≥ 500	84.9	87.8	88.9	89.2	90.5	90.5	92.6	93.9	93.9	96.3	97.6	97.6	98.3	98.6	98.6	98.6
≥ 400	85.2	88.1	89.1	89.5	90.8	90.8	92.8	94.1	94.1	96.6	97.8	97.8	98.5	98.8	98.8	98.8
≥ 300	85.5	88.4	89.5	89.8	91.1	91.1	93.2	94.5	94.5	97.0	98.3	98.3	98.9	99.2	99.2	99.2
≥ 200	85.5	88.4	89.5	89.8	91.2	91.2	93.3	94.6	94.6	97.1	98.4	98.4	99.0	99.4	99.4	99.4
≥ 100	85.5	88.4	89.5	89.8	91.2	91.2	93.3	94.6	94.6	97.1	98.5	98.5	99.2	99.6	99.6	99.6
≥ 0	85.5	88.4	89.5	89.8	91.2	91.2	93.3	94.6	94.6	97.1	98.5	98.5	99.2	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 910

1

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~21611~~ STATION ~~FORT SIMPSON, N.W.T.~~ STATION NAME ~~57-66~~ YEARS ~~DEC~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0200-0500~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.6	45.8	45.8	46.0	46.3	46.3	46.6	46.6	46.6	47.3	47.4	47.5	47.8	47.8	47.8	47.8
≥ 20000	46.1	46.3	46.3	46.6	46.9	46.9	47.1	47.1	47.1	47.8	48.0	48.1	48.4	48.4	48.4	48.4
≥ 18000	46.1	46.3	46.3	46.6	46.9	46.9	47.1	47.1	47.1	47.8	48.0	48.1	48.4	48.4	48.4	48.4
≥ 16000	46.2	46.5	46.5	46.7	47.0	47.0	47.2	47.2	47.2	48.0	48.1	48.2	48.5	48.5	48.5	48.5
≥ 14000	46.6	46.8	46.8	47.0	47.3	47.3	47.5	47.5	47.5	48.3	48.4	48.5	48.8	48.8	48.8	48.8
≥ 12000	46.9	47.1	47.1	47.3	47.6	47.6	47.8	47.8	47.8	48.6	48.7	48.8	49.1	49.1	49.1	49.1
≥ 10000	49.8	50.2	50.2	50.5	50.9	50.9	51.1	51.1	51.1	51.8	51.9	52.0	52.4	52.4	52.4	52.4
≥ 9000	51.1	51.8	51.8	52.2	52.5	52.5	52.7	52.7	52.7	53.4	53.5	53.7	54.0	54.0	54.0	54.0
≥ 8000	55.2	55.9	56.0	56.6	56.9	56.9	57.2	57.2	57.2	58.0	58.1	58.2	58.5	58.5	58.5	58.5
≥ 7000	59.4	60.1	60.2	60.8	61.3	61.3	61.7	61.7	61.7	62.5	62.6	62.7	63.0	63.0	63.0	63.0
≥ 6000	60.1	60.9	61.0	61.5	62.0	62.0	62.5	62.5	62.5	63.2	63.3	63.4	63.8	63.8	63.8	63.8
≥ 5000	64.6	65.4	65.7	66.2	66.9	66.9	67.3	67.4	67.4	68.2	68.3	68.4	68.8	68.8	68.8	68.8
≥ 4500	65.6	66.3	66.7	67.2	67.8	67.8	68.3	68.4	68.4	69.1	69.2	69.4	69.8	69.8	69.8	69.8
≥ 4000	68.4	69.6	69.9	70.6	71.3	71.3	72.0	72.2	72.2	72.9	73.0	73.1	73.5	73.5	73.5	73.5
≥ 3500	69.8	71.1	71.4	72.2	72.9	72.9	73.7	73.8	73.8	74.5	74.6	74.7	75.2	75.2	75.2	75.2
≥ 3000	71.7	73.0	73.3	74.1	75.1	75.1	76.1	76.3	76.3	77.3	77.4	77.5	78.0	78.0	78.0	78.0
≥ 2500	73.1	74.6	74.9	75.7	76.8	76.8	78.5	79.0	79.0	80.1	80.2	80.3	80.8	80.8	80.8	80.8
≥ 2000	74.4	76.1	76.7	77.4	78.7	78.7	80.5	81.1	81.1	82.4	82.5	82.6	83.0	83.0	83.0	83.0
≥ 1800	75.3	77.0	77.5	78.3	79.6	79.6	81.4	81.9	81.9	83.3	83.5	83.7	84.1	84.1	84.1	84.1
≥ 1500	77.0	78.7	79.4	80.1	81.5	81.5	83.7	84.5	84.5	86.0	86.3	86.5	86.9	86.9	86.9	86.9
≥ 1200	78.8	80.9	81.5	82.3	83.7	83.7	86.2	87.1	87.1	88.8	89.1	89.2	89.7	89.7	89.7	89.7
≥ 1000	81.2	83.7	84.4	85.3	87.0	87.0	89.6	90.4	90.5	92.6	93.2	93.3	94.0	94.0	94.0	94.0
≥ 900	81.5	83.7	84.4	85.3	87.0	87.0	89.6	90.4	90.5	92.6	93.2	93.3	94.1	94.1	94.1	94.1
≥ 800	82.4	84.5	85.3	86.1	87.8	87.8	90.4	91.3	91.4	93.7	94.3	94.4	95.2	95.2	95.2	95.2
≥ 700	83.7	85.9	86.7	87.5	89.4	89.4	91.9	92.8	92.9	95.4	96.0	96.1	96.9	96.9	96.9	96.9
≥ 600	84.3	86.6	87.3	88.2	90.0	90.0	92.6	93.4	93.5	96.0	96.7	96.8	97.5	97.5	97.5	97.5
≥ 500	84.9	87.2	88.0	88.8	90.8	90.8	93.4	94.3	94.4	96.9	98.2	98.3	99.0	99.0	99.0	99.0
≥ 400	84.9	87.2	88.0	88.8	90.8	90.8	93.4	94.3	94.4	96.9	98.2	98.3	99.0	99.0	99.0	99.0
≥ 300	84.9	87.2	88.0	88.8	90.8	90.8	93.7	94.5	94.6	97.3	98.6	98.7	99.5	99.5	99.5	99.5
≥ 200	84.9	87.2	88.0	88.8	90.8	90.8	93.8	94.6	94.7	97.4	98.7	98.8	99.6	99.6	99.6	99.6
≥ 100	84.9	87.2	88.0	88.8	90.8	90.8	93.8	94.6	94.7	97.5	98.8	98.9	99.9	99.9	100.0	100.0
0	84.9	87.2	88.0	88.8	90.8	90.8	93.8	94.6	94.7	97.5	98.8	98.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2A210 STATION — FORT SIMPSON, N.W.T. STATION NAME — 57-66 YEARS — DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0000-2400~~

CEILING FEET	VISIBILITY STATUTE MILES: ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	43.2	43.3	43.4	43.5	43.7	43.7	44.0	44.0	44.0	45.1	45.1	45.1	45.3	45.3	45.3	45.3
≥ 20000	44.5	44.6	44.7	44.8	44.9	44.9	45.3	45.3	45.3	46.3	46.5	46.5	46.7	46.7	46.7	46.7
≥ 18000	44.7	44.8	44.9	45.1	45.2	45.2	45.5	45.5	45.5	46.6	46.7	46.7	46.9	46.9	46.9	46.9
≥ 16000	44.8	44.9	45.1	45.2	45.3	45.3	45.6	45.6	45.6	46.7	46.8	46.8	47.0	47.0	47.0	47.0
≥ 14000	45.5	45.6	45.7	45.8	45.9	45.9	46.2	46.2	46.2	47.3	47.4	47.4	47.6	47.6	47.6	47.6
≥ 12000	46.3	46.5	46.6	46.7	46.8	46.8	47.1	47.1	47.1	48.2	48.3	48.3	48.5	48.5	48.5	48.5
≥ 10000	48.6	48.8	49.1	49.2	49.4	49.4	49.7	49.7	49.7	50.8	50.9	50.9	51.1	51.1	51.1	51.1
≥ 9000	49.9	50.1	50.4	50.5	50.6	50.6	51.1	51.1	51.1	52.3	52.5	52.5	52.7	52.7	52.7	52.7
≥ 8000	52.9	53.2	53.8	54.1	54.4	54.4	54.9	54.9	54.9	56.1	56.3	56.3	56.6	56.6	56.6	56.6
≥ 7000	58.3	58.6	59.1	59.6	60.3	60.3	60.9	60.9	60.9	62.0	62.3	62.3	62.5	62.5	62.5	62.5
≥ 6000	58.7	59.0	59.6	60.0	60.8	60.8	61.3	61.3	61.3	62.5	62.7	62.7	62.9	62.9	62.9	62.9
≥ 5000	62.9	63.3	63.9	64.3	65.2	65.3	65.6	65.8	65.8	67.1	67.4	67.4	67.6	67.6	67.6	67.6
≥ 4500	63.4	63.9	64.4	64.8	65.7	65.8	66.3	66.3	66.3	67.6	67.8	67.8	68.2	68.2	68.2	68.2
≥ 4000	66.1	66.6	67.4	68.0	69.0	69.1	69.9	70.2	70.2	71.6	71.8	71.8	72.2	72.2	72.2	72.2
≥ 3500	67.6	68.1	69.0	69.7	70.9	71.0	71.7	72.0	72.0	73.4	73.7	73.7	74.0	74.0	74.0	74.0
≥ 3000	70.3	71.1	72.0	72.8	74.2	74.3	75.1	75.7	75.7	77.2	77.4	77.4	77.7	77.7	77.7	77.7
≥ 2500	72.7	73.2	74.4	75.3	76.8	76.9	78.2	78.9	78.9	80.5	80.8	80.8	81.1	81.1	81.1	81.1
≥ 2000	75.2	75.7	76.9	77.7	79.5	79.6	81.0	81.8	81.8	83.4	83.7	83.7	84.0	84.0	84.0	84.0
≥ 1800	75.4	75.9	77.1	78.0	79.7	79.8	81.2	82.0	82.0	83.7	83.9	83.9	84.2	84.2	84.2	84.2
≥ 1500	76.9	77.4	78.6	79.5	81.4	81.5	83.1	84.5	84.5	86.2	86.6	86.6	87.0	87.0	87.0	87.0
≥ 1200	78.8	79.4	80.5	81.4	83.3	83.4	85.2	86.8	86.8	88.5	88.8	88.8	89.2	89.2	89.2	89.2
≥ 1000	81.4	82.3	83.4	84.5	86.5	86.6	88.3	90.0	90.0	92.5	93.1	93.1	93.8	93.8	93.8	93.8
≥ 900	81.9	82.8	84.0	85.1	87.0	87.1	88.8	90.5	90.5	93.1	93.8	93.8	94.4	94.4	94.4	94.4
≥ 800	82.9	83.8	84.9	86.0	88.0	88.1	89.8	91.5	91.5	94.1	94.9	94.9	95.6	95.6	95.6	95.6
≥ 700	84.0	84.8	86.0	87.1	89.0	89.1	90.9	92.6	92.6	95.2	96.0	96.1	97.1	97.1	97.1	97.1
≥ 600	84.3	85.2	86.3	87.4	89.4	89.5	91.3	93.0	93.0	95.6	96.5	96.6	97.5	97.5	97.5	97.5
≥ 500	84.6	85.7	86.9	88.0	90.0	90.1	91.9	93.8	93.8	96.3	97.8	98.0	99.0	99.0	99.0	99.0
≥ 400	84.8	85.9	87.1	88.2	90.2	90.3	92.2	94.1	94.1	96.7	98.2	98.3	99.4	99.4	99.4	99.4
≥ 300	84.8	86.0	87.2	88.3	90.3	90.4	92.4	94.2	94.2	96.8	98.5	98.6	99.7	99.7	99.7	99.7
≥ 200	84.8	86.0	87.2	88.3	90.3	90.4	92.4	94.3	94.3	96.9	98.6	98.7	99.8	99.8	99.8	99.8
≥ 100	84.8	86.0	87.2	88.3	90.3	90.4	92.4	94.3	94.3	96.9	98.6	98.7	99.9	99.9	100.0	100.0
0	84.8	86.0	87.2	88.3	90.3	90.4	92.4	94.3	94.3	96.9	98.6	98.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 330

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~26710~~ STATION ~~FLINT STAMPIN NWT JILT~~ STATION NAME ~~57-66~~ YEARS ~~DEC~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0800-1100~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.3	37.4	37.4	37.5	37.7	38.0	38.1	38.3	38.3	38.7	38.7	38.7	39.0	39.0	39.0	39.0
≥ 20000	40.4	41.2	41.2	41.3	41.6	41.8	41.9	42.2	42.2	42.6	42.6	42.6	42.9	42.9	42.9	42.9
≥ 18000	40.8	41.2	41.2	41.3	41.6	41.8	41.9	42.2	42.2	42.6	42.6	42.6	42.9	42.9	42.9	42.9
≥ 16000	40.9	41.3	41.3	41.4	41.7	41.9	42.0	42.3	42.3	42.7	42.7	42.7	43.0	43.0	43.0	43.0
≥ 14000	42.3	42.7	42.7	42.8	43.1	43.3	43.4	43.7	43.7	44.1	44.1	44.1	44.4	44.4	44.4	44.4
≥ 12000	43.2	43.7	43.7	43.8	44.1	44.3	44.4	44.6	44.6	45.1	45.1	45.1	45.4	45.4	45.4	45.4
≥ 10000	47.3	47.7	47.7	47.8	48.5	48.8	49.0	49.2	49.2	49.9	49.9	49.9	50.2	50.2	50.2	50.2
≥ 9000	50.5	51.3	51.3	51.5	52.2	52.5	52.8	53.1	53.1	53.8	53.8	53.8	54.1	54.1	54.1	54.1
≥ 8000	55.8	56.8	56.8	57.1	58.2	58.5	58.9	59.2	59.2	59.9	59.9	59.9	60.2	60.2	60.2	60.2
≥ 7000	60.5	61.7	61.8	62.3	63.5	63.9	64.3	64.7	64.7	65.4	65.4	65.4	65.7	65.7	65.7	65.7
≥ 6000	61.1	62.3	62.4	62.9	64.2	64.5	64.9	65.4	65.4	66.0	66.0	66.0	66.3	66.3	66.3	66.3
≥ 5000	63.5	65.1	65.2	65.7	67.0	67.4	68.1	68.6	68.6	69.2	69.4	69.4	69.7	69.7	69.7	69.7
≥ 4500	63.8	65.4	65.5	66.0	67.3	67.7	68.4	68.9	68.9	69.6	69.7	69.7	70.0	70.0	70.0	70.0
≥ 4000	65.6	67.2	67.3	68.1	69.8	70.2	71.1	71.7	71.7	72.4	72.5	72.5	72.8	72.8	72.8	72.8
≥ 3500	67.3	69.0	69.1	69.9	71.6	72.0	73.2	73.9	73.9	74.5	74.7	74.7	75.1	75.1	75.1	75.1
≥ 3000	69.9	71.8	72.0	72.8	74.6	75.1	76.2	77.2	77.2	78.1	78.3	78.3	78.6	78.6	78.6	78.6
≥ 2500	72.6	74.5	74.8	75.6	77.4	77.8	79.1	80.2	80.2	81.1	81.3	81.3	81.6	81.6	81.6	81.6
≥ 2000	74.7	77.2	77.6	78.6	81.1	81.5	82.9	84.1	84.1	85.4	85.6	85.6	85.9	85.9	85.9	85.9
≥ 1800	74.9	77.5	78.0	78.9	81.4	81.8	83.2	84.4	84.4	85.7	85.9	85.9	86.2	86.2	86.2	86.2
≥ 1500	75.7	78.7	79.1	80.1	82.8	83.2	84.1	86.7	86.7	88.2	88.8	88.8	89.1	89.1	89.1	89.1
≥ 1200	77.4	80.4	81.0	82.0	84.8	85.3	87.2	88.9	88.9	90.5	91.2	91.2	91.5	91.5	91.5	91.5
≥ 1000	80.5	84.0	84.5	85.6	88.4	88.8	90.8	92.6	92.6	94.9	95.9	95.9	96.3	96.3	96.3	96.3
≥ 900	80.9	84.3	84.8	85.9	88.7	89.1	91.1	92.9	92.9	95.3	96.2	96.2	96.7	96.7	96.7	96.7
≥ 800	81.1	84.5	85.1	86.1	88.9	89.4	91.3	93.1	93.1	95.6	96.7	96.7	97.1	97.1	97.1	97.1
≥ 700	81.3	84.7	85.3	86.5	89.2	89.7	91.6	93.4	93.4	95.9	97.0	97.0	97.5	97.5	97.5	97.5
≥ 600	81.4	85.1	85.7	86.9	89.7	90.1	92.0	93.9	93.9	96.3	97.4	97.4	98.3	98.3	98.3	98.3
≥ 500	81.5	85.3	85.9	87.1	90.2	90.6	92.6	94.4	94.4	97.0	98.1	98.1	99.2	99.2	99.2	99.2
≥ 400	81.6	85.4	86.0	87.2	90.3	90.9	92.8	94.6	94.6	97.2	98.5	98.5	99.7	99.7	99.7	99.7
≥ 300	81.6	85.4	86.0	87.2	90.3	90.9	92.8	94.6	94.6	97.2	98.8	98.8	100.0	100.0	100.0	100.0
≥ 200	81.6	85.4	86.0	87.2	90.3	90.9	92.8	94.6	94.6	97.2	98.8	98.8	100.0	100.0	100.0	100.0
≥ 100	81.6	85.4	86.0	87.2	90.3	90.9	92.8	94.6	94.6	97.2	98.8	98.8	100.0	100.0	100.0	100.0
≥ 0	81.6	85.4	86.0	87.2	90.3	90.9	92.8	94.6	94.6	97.2	98.8	98.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24210 — EDIT STATION NBT DOT (STATION NAME) — 57-66 (YEARS) — DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.9	40.2	40.4	40.5	40.6	40.9	40.9	40.9	40.9	41.3	41.3	41.3	41.5	41.5	41.6	41.6
≥ 20000	44.2	44.5	44.8	44.9	45.4	45.6	45.6	45.6	45.6	46.0	46.0	46.0	46.2	46.2	46.3	46.3
≥ 18000	44.2	44.5	44.8	44.9	45.4	45.6	45.6	45.6	45.6	46.0	46.0	46.0	46.2	46.2	46.3	46.3
≥ 16000	44.4	44.7	45.1	45.2	45.6	45.8	45.8	45.8	45.8	46.2	46.2	46.2	46.5	46.5	46.6	46.6
≥ 14000	45.2	45.6	45.9	46.0	46.5	46.7	46.7	46.7	46.7	47.1	47.1	47.1	47.3	47.3	47.4	47.4
≥ 12000	47.3	47.7	48.2	48.3	48.7	48.9	48.9	48.9	48.9	49.4	49.4	49.4	49.6	49.6	49.7	49.7
≥ 10000	51.2	51.8	52.3	52.4	52.9	53.2	53.3	53.9	53.9	54.3	54.3	54.3	54.5	54.5	54.6	54.6
≥ 9000	55.2	56.5	56.9	57.0	57.6	58.0	58.6	58.8	58.8	59.2	59.2	59.2	59.5	59.5	59.6	59.6
≥ 8000	61.0	62.7	63.1	63.3	64.2	64.7	65.4	65.7	65.7	66.1	66.1	66.1	66.3	66.3	66.5	66.5
≥ 7000	64.3	66.3	66.9	67.1	68.3	68.8	69.6	70.2	70.2	70.8	70.8	70.8	71.0	71.0	71.1	71.1
≥ 6000	64.5	66.6	67.1	67.3	68.5	69.0	69.8	70.4	70.4	71.0	71.0	71.0	71.2	71.2	71.3	71.3
≥ 5000	66.1	68.3	68.8	69.0	70.2	70.8	71.5	72.2	72.2	72.7	72.8	72.8	73.0	73.0	73.1	73.1
≥ 4500	66.9	69.1	69.7	69.9	71.1	71.6	72.4	73.0	73.0	73.5	73.7	73.7	73.9	73.9	74.0	74.0
≥ 4000	67.8	70.1	70.6	71.0	72.5	73.0	73.8	74.5	74.5	75.1	75.2	75.2	75.4	75.4	75.5	75.5
≥ 3500	69.0	71.3	71.8	72.2	73.7	74.2	74.9	75.8	75.8	76.5	76.6	76.6	76.8	76.8	76.9	76.9
≥ 3000	71.0	73.7	74.2	74.6	76.6	77.1	77.8	79.1	79.1	79.9	80.0	80.0	80.2	80.2	80.3	80.3
≥ 2500	72.2	75.4	76.1	76.6	78.6	79.1	80.5	82.2	82.2	83.0	83.1	83.1	83.3	83.3	83.4	83.4
≥ 2000	74.3	78.1	78.9	80.0	82.2	82.7	84.4	86.2	86.2	87.3	87.5	87.5	87.7	87.7	87.8	87.8
≥ 1800	74.9	78.7	79.6	80.6	82.8	83.3	85.1	86.9	86.9	88.0	88.2	88.2	88.4	88.4	88.5	88.5
≥ 1500	76.3	80.3	81.5	82.7	85.3	85.8	87.7	89.8	89.8	91.2	91.8	91.8	92.0	92.0	92.2	92.2
≥ 1200	77.2	81.5	82.7	83.9	86.6	87.1	89.1	91.3	91.3	92.7	93.4	93.4	93.7	93.7	93.8	93.8
≥ 1000	78.9	83.7	84.8	86.1	89.0	89.6	91.6	94.0	94.0	96.1	97.2	97.2	97.4	97.4	97.5	97.5
≥ 900	79.1	84.0	85.3	86.6	89.5	90.0	92.0	94.4	94.4	96.6	97.6	97.6	97.8	97.8	98.0	98.0
≥ 800	79.7	84.5	85.8	87.1	90.0	90.5	92.6	94.9	94.9	97.4	98.5	98.5	98.7	98.7	98.8	98.8
≥ 700	80.0	84.8	86.1	87.4	90.3	90.9	92.9	95.3	95.3	97.7	98.8	98.8	99.0	99.0	99.1	99.1
≥ 600	80.0	84.9	86.5	87.7	90.6	91.2	93.2	95.6	95.6	98.1	99.4	99.4	99.7	99.7	99.8	99.8
≥ 500	80.1	85.1	86.6	87.8	90.8	91.3	93.3	95.7	95.7	98.2	99.5	99.5	99.8	99.8	99.9	99.9
≥ 400	80.1	85.1	86.6	87.8	90.8	91.3	93.3	95.7	95.7	98.2	99.5	99.5	99.8	99.8	99.9	99.9
≥ 300	80.1	85.1	86.6	87.8	90.8	91.3	93.3	95.7	95.7	98.2	99.6	99.6	99.9	99.9	100.0	100.0
≥ 200	80.1	85.1	86.6	87.8	90.8	91.3	93.3	95.7	95.7	98.2	99.6	99.6	99.9	99.9	100.0	100.0
≥ 100	80.1	85.1	86.6	87.8	90.8	91.3	93.3	95.7	95.7	98.2	99.6	99.6	99.9	99.9	100.0	100.0
≥ 0	80.1	85.1	86.6	87.8	90.8	91.3	93.3	95.7	95.7	98.2	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~[illegible]~~ STATION ~~[illegible]~~ STATION NAME ~~67-66~~ YEARS ~~DEC~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1500-1700~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.4	44.1	44.1	44.2	44.5	44.5	44.6	44.8	44.8	44.9	44.9	44.9	45.1	45.1	45.3	45.3
≥ 20000	43.3	47.1	47.2	47.3	47.6	47.6	47.7	48.0	48.0	48.1	48.1	48.1	48.2	48.2	48.4	48.4
≥ 18000	46.3	47.1	47.2	47.3	47.6	47.6	47.7	48.0	48.0	48.1	48.1	48.1	48.2	48.2	48.4	48.4
≥ 16000	46.3	47.1	47.2	47.3	47.6	47.6	47.7	48.0	48.0	48.1	48.1	48.1	48.2	48.2	48.4	48.4
≥ 14000	46.7	47.4	47.5	47.6	48.0	48.0	48.1	48.3	48.3	48.4	48.4	48.4	48.5	48.5	48.7	48.7
≥ 12000	47.6	48.5	48.6	48.7	49.0	49.1	49.2	49.5	49.5	49.6	49.6	49.6	49.7	49.7	49.9	49.9
≥ 10000	52.2	53.1	53.3	53.4	54.1	54.2	54.3	54.6	54.6	54.7	54.7	54.7	54.8	54.8	55.1	55.1
≥ 9000	54.6	55.8	56.0	56.1	56.8	56.9	57.0	57.3	57.3	57.4	57.4	57.4	57.5	57.5	57.7	57.7
≥ 8000	60.6	62.9	63.1	63.2	63.9	64.0	64.1	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.8	64.8
≥ 7000	63.2	65.7	65.9	66.0	66.8	66.9	67.2	67.5	67.5	67.6	67.6	67.6	67.7	67.7	68.0	68.0
≥ 6000	63.9	66.5	66.7	66.8	67.5	67.6	68.0	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.7	68.7
≥ 5000	66.0	68.7	68.9	69.0	69.8	69.9	70.2	70.5	70.5	70.6	70.6	70.6	70.8	70.8	71.0	71.0
≥ 4500	66.1	68.8	69.0	69.1	69.9	70.0	70.3	70.6	70.6	70.8	70.8	70.8	70.9	70.9	71.1	71.1
≥ 4000	67.4	70.1	70.3	70.4	71.5	71.7	72.2	72.5	72.5	72.6	72.6	72.6	72.7	72.7	72.9	72.9
≥ 3500	68.2	71.1	71.3	71.4	72.5	72.7	73.1	73.4	73.4	73.5	73.5	73.5	73.7	73.7	73.9	73.9
≥ 3000	69.9	73.4	73.8	73.9	75.3	75.5	75.9	76.2	76.2	76.3	76.3	76.3	76.6	76.6	76.8	76.8
≥ 2500	71.5	75.1	75.4	75.6	77.2	77.5	78.2	78.7	78.7	79.1	79.1	79.1	79.2	79.2	79.5	79.5
≥ 2000	73.3	78.0	78.5	78.9	81.2	81.7	82.8	83.7	83.7	84.4	84.4	84.4	84.5	84.5	84.7	84.7
≥ 1800	74.3	79.1	79.7	80.2	82.5	83.0	84.2	85.1	85.1	85.8	85.8	85.8	85.9	85.9	86.1	86.1
≥ 1500	75.8	80.8	81.3	81.9	84.6	85.2	86.7	88.0	88.0	89.1	89.4	89.4	89.5	89.5	89.7	89.7
≥ 1200	77.3	82.7	83.2	83.9	86.7	87.2	88.7	90.3	90.3	91.6	91.8	91.8	91.9	91.9	92.2	92.2
≥ 1000	79.1	84.5	85.1	85.8	88.6	89.1	90.9	93.1	93.1	95.2	95.5	95.5	95.6	95.6	95.8	95.8
≥ 900	79.5	84.8	85.4	86.1	88.9	89.5	91.2	93.4	93.4	95.6	95.9	95.9	96.0	96.0	96.2	96.2
≥ 800	80.0	85.4	85.9	86.8	89.6	90.1	91.8	94.1	94.1	96.6	97.1	97.1	97.2	97.2	97.4	97.4
≥ 700	80.5	86.0	86.6	87.5	90.3	90.9	92.6	94.8	94.8	97.3	97.8	97.8	98.0	98.0	98.2	98.2
≥ 600	80.5	86.0	86.6	87.5	90.3	90.9	92.7	94.9	94.9	97.4	98.0	98.0	98.2	98.2	98.4	98.4
≥ 500	81.0	86.5	87.0	88.0	90.8	91.3	93.1	95.4	95.4	98.0	98.5	98.5	98.8	98.8	99.0	99.0
≥ 400	81.4	86.7	87.3	88.3	91.1	91.6	93.4	95.7	95.7	98.3	98.8	98.8	99.1	99.1	99.4	99.4
≥ 300	81.3	86.8	87.4	88.5	91.3	91.8	93.7	95.9	95.9	98.5	99.0	99.0	99.3	99.3	99.7	99.7
≥ 200	81.3	86.8	87.4	88.5	91.3	91.8	93.7	95.9	95.9	98.5	99.0	99.0	99.3	99.3	99.7	99.7
≥ 100	81.3	86.8	87.5	88.6	91.4	91.9	93.8	96.0	96.0	98.6	99.1	99.2	99.7	99.8	100.0	100.0
0	81.3	86.8	87.5	88.6	91.4	91.9	93.8	96.0	96.0	98.6	99.1	99.2	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~24210~~ STATION ~~[illegible] STATION NAME~~ ~~57-66~~ YEARS ~~FEB~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1 APR 1966 TO 1966~~

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	46.5	46.6	46.6	46.6	46.6	46.7	46.8	46.8	46.9	47.2	47.3	47.4	47.4	47.4	47.4
≥ 20000	[illegible]	48.4	48.5	48.5	48.5	48.5	48.6	48.7	48.7	48.8	49.1	49.1	49.4	49.4	49.4	49.4
≥ 18000	[illegible]	48.4	48.5	48.5	48.5	48.5	48.6	48.7	48.7	48.8	49.1	49.1	49.4	49.4	49.4	49.4
≥ 16000	[illegible]	48.5	48.6	48.6	48.6	48.6	48.7	48.8	48.8	48.9	49.2	49.2	49.5	49.5	49.5	49.5
≥ 14000	[illegible]	49.4	49.5	49.5	49.5	49.5	49.6	49.7	49.7	49.8	50.1	50.1	50.3	50.3	50.3	50.3
≥ 12000	[illegible]	50.2	50.3	50.3	50.3	50.3	50.4	50.5	50.5	50.6	51.0	51.0	51.2	51.2	51.2	51.2
≥ 10000	51.5	52.2	52.3	52.3	52.5	52.5	52.6	52.7	52.7	52.8	53.1	53.1	53.3	53.3	53.3	53.3
≥ 9000	[illegible]	54.4	53.5	53.5	53.8	53.8	53.9	54.0	54.0	54.1	54.4	54.4	54.6	54.6	54.6	54.6
≥ 8000	[illegible]	59.1	59.2	59.2	59.7	59.7	59.8	59.9	59.9	60.0	60.3	60.3	60.5	60.5	60.5	60.5
≥ 7000	[illegible]	61.2	61.4	61.4	61.8	61.8	61.9	62.0	62.0	62.3	62.6	62.6	62.8	62.8	62.8	62.8
≥ 6000	61.5	62.5	62.7	62.7	63.1	63.1	63.2	63.3	63.3	63.5	63.9	63.9	64.1	64.1	64.1	64.1
≥ 5000	[illegible]	66.5	66.6	67.0	67.5	67.5	67.7	67.8	67.8	68.1	68.4	68.4	68.6	68.6	68.6	68.6
≥ 4500	[illegible]	66.9	67.2	67.4	68.0	68.0	68.2	68.3	68.3	68.3	68.8	68.8	69.0	69.0	69.0	69.0
≥ 4000	[illegible]	69.7	70.0	70.3	71.2	71.2	71.3	71.6	71.6	71.8	72.2	72.2	72.4	72.4	72.4	72.4
≥ 3500	[illegible]	71.2	71.5	71.8	72.8	72.8	73.2	73.3	73.3	73.5	73.9	73.9	74.1	74.1	74.1	74.1
≥ 3000	[illegible]	72.6	73.3	73.8	75.4	75.4	75.9	76.2	76.2	76.3	76.6	76.6	77.0	77.0	77.0	77.0
≥ 2500	[illegible]	74.9	75.7	76.1	77.8	77.8	78.7	79.0	79.0	79.7	80.1	80.1	80.3	80.3	80.3	80.3
≥ 2000	[illegible]	77.6	78.5	78.9	80.9	80.9	82.3	82.6	82.6	83.3	83.9	83.9	84.1	84.1	84.1	84.1
≥ 1800	[illegible]	78.0	78.8	79.4	81.3	81.3	82.9	83.2	83.2	84.1	84.6	84.6	84.8	84.8	84.8	84.8
≥ 1500	[illegible]	79.4	80.2	80.9	82.9	82.9	84.7	85.6	85.6	87.0	87.5	87.5	87.7	87.7	87.7	87.7
≥ 1200	78.5	82.2	83.0	83.8	85.8	85.8	87.7	88.6	88.6	90.0	90.6	90.6	90.9	90.9	90.9	90.9
≥ 1000	[illegible]	84.9	85.8	86.6	88.7	88.7	90.9	91.9	91.9	93.3	94.2	94.2	94.5	94.5	94.5	94.5
≥ 900	[illegible]	85.4	86.2	87.0	89.1	89.1	91.3	92.4	92.4	94.1	94.7	94.7	95.1	95.1	95.1	95.1
≥ 800	[illegible]	86.1	87.0	87.7	89.9	89.9	92.0	93.1	93.1	94.9	95.6	95.6	95.9	95.9	95.9	95.9
≥ 700	[illegible]	87.5	88.4	89.2	91.5	91.5	93.7	94.7	94.7	96.6	97.2	97.2	97.5	97.5	97.5	97.5
≥ 600	[illegible]	87.8	88.7	89.6	91.8	91.9	94.0	95.1	95.1	96.9	97.5	97.5	97.8	97.8	97.8	97.8
≥ 500	[illegible]	88.4	89.2	90.2	92.5	92.5	94.6	95.7	95.7	97.5	98.2	98.2	98.5	98.5	98.5	98.5
≥ 400	[illegible]	88.9	89.8	90.8	93.0	93.0	95.2	96.2	96.2	98.1	98.7	98.7	99.0	99.0	99.0	99.0
≥ 300	[illegible]	89.0	89.9	90.9	93.1	93.1	95.3	96.3	96.3	98.2	98.8	98.8	99.1	99.1	99.1	99.1
≥ 200	[illegible]	89.1	90.1	91.1	93.4	93.4	95.6	96.7	96.7	98.8	99.5	99.5	99.8	99.8	99.8	99.8
≥ 100	[illegible]	89.2	90.2	91.2	93.5	93.5	95.7	96.8	96.8	98.9	99.6	99.6	100.0	100.0	100.0	100.0
0	[illegible]	89.2	90.2	91.2	93.5	93.5	95.7	96.8	96.8	98.9	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DATA PROCESSING DIVISION
USAF ETAC
[illegible]

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	[illegible]	[illegible]	48.1	48.1	48.2	48.3	48.3	48.4	48.4	48.4	48.6	[illegible]	48.7	48.7	48.9	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000 ≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000 ≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000 ≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000 ≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000 ≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500 ≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500 ≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500 ≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800 ≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200 ≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900 ≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700 ≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500 ≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300 ≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART D SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

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

2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26210 FORT SIMPSON NWT DOT — STATION / STATION NAME

57-66 — PERIOD

ALL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	25.7	5.4	4.9	4.3	3.7	2.1	3.1	3.8	4.6	7.2	35.0	5.5	7440
FEB		22.7	6.8	5.7	4.0	3.5	2.8	3.8	4.6	6.2	9.8	30.2	5.5	6768
MAR		23.3	7.1	5.8	4.7	3.5	2.9	4.0	5.0	6.2	7.8	29.8	5.4	7440
APR		15.2	7.6	7.7	5.4	5.0	3.6	4.7	5.5	7.1	10.1	28.1	5.7	7200
MAY		5.2	8.8	8.5	8.4	6.8	5.6	6.3	7.7	9.4	13.6	19.8	5.9	7393
JUN		3.7	7.0	8.6	8.6	7.6	5.7	7.0	7.9	11.9	15.6	16.6	6.1	7200
JUL		2.5	7.0	8.1	9.1	8.0	7.1	6.1	8.4	11.4	14.4	17.9	6.1	7440
AUG		7.9	10.1	8.8	7.7	5.6	5.1	5.6	6.6	9.7	15.9	17.1	5.7	7440
SEP		6.4	7.2	6.0	5.5	4.1	3.4	4.4	6.3	8.0	13.8	32.9	6.6	7200
OCT		9.3	6.0	5.2	4.4	3.5	3.1	3.9	4.9	6.7	11.5	41.7	6.9	7440
NOV		15.6	6.1	5.9	4.2	3.2	2.7	3.3	3.8	5.4	9.3	40.5	6.3	7200
DEC		17.9	6.0	5.8	3.8	3.6	2.5	3.5	4.2	5.8	7.4	39.4	6.2	7440
TOTALS		13.1	7.1	6.8	5.8	4.8	3.9	4.6	5.7	7.7	11.4	29.1	6.0	87601

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

20210 FORT SIMPSON NWT DOT 57-66 JAN
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	34.9	3.0	4.8	3.3	2.6	1.2	2.3	3.4	3.7	3.1	38.1	5.1	930
	03-05	33.8	2.0	3.4	3.9	3.3	2.0	2.4	2.9	3.3	1.7	41.2	5.3	930
	06-08	20.5	5.1	3.4	4.8	4.3	2.0	2.8	4.0	4.5	4.1	38.5	5.6	930
	09-11	12.7	8.3	4.9	5.7	3.4	2.9	3.9	4.5	5.3	14.3	34.1	6.3	930
	12-14	15.3	7.5	5.8	4.4	4.2	2.2	3.9	6.0	7.3	14.4	29.0	6.0	930
	15-17	16.3	9.1	7.1	5.3	4.7	3.1	4.6	3.0	4.4	11.6	30.6	5.7	930
	18-20	31.5	4.7	5.3	3.7	4.0	2.0	3.2	3.5	5.2	4.2	32.7	5.0	930
	21-23	35.2	3.7	4.4	3.2	3.4	1.7	2.0	3.1	3.2	4.5	35.5	5.0	930
TOTALS		25.7	5.4	4.9	4.3	3.7	2.1	3.1	3.8	4.6	7.2	35.0	5.5	7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26210 FORT SIMPSON NWT DOT 57-66 FEB

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	10		
FEB	00-02	34.8	5.3	4.5	3.4	2.7	1.8	1.7	3.3	5.6	4.0	33.0	4.9	846
	03-05	35.0	3.8	4.4	3.2	2.7	1.7	3.1	3.9	3.8	3.3	35.2	5.0	846
	06-08	17.5	7.1	6.4	5.3	5.1	3.0	4.3	3.8	8.3	8.2	31.2	5.7	846
	09-11	11.8	7.8	4.5	4.3	2.6	3.2	5.1	7.7	6.4	17.7	29.0	6.4	846
	12-14	12.2	8.2	6.4	4.3	3.5	3.4	5.0	5.3	7.9	16.4	27.4	6.2	846
	15-17	10.3	10.4	6.5	3.4	3.9	4.1	5.8	5.9	8.3	16.0	25.4	6.1	846
	18-20	23.0	8.5	7.7	4.3	4.3	3.1	3.0	3.7	6.3	8.0	28.3	5.2	846
	21-23	36.6	3.1	5.4	3.5	3.3	2.0	2.2	3.4	3.3	4.8	32.2	4.8	846
	TOTALS	22.7	6.8	5.7	4.0	3.5	2.8	3.8	4.6	6.2	9.8	30.2	5.5	6768

USAF ETAC FORM JUL 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSC

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26210 FORT SIMPSON NWT DOT 57-66 MAR
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	41.0	3.9	3.5	4.4	2.4	1.8	2.6	4.3	2.8	3.5	29.8	4.4	930
	03-05	35.1	5.4	5.2	4.0	2.5	2.3	4.3	4.0	4.4	4.1	28.9	4.6	930
	06-08	14.2	8.9	6.2	5.3	3.8	2.7	3.8	5.7	7.6	10.5	31.3	6.0	930
	09-11	14.8	7.0	4.4	4.3	3.4	3.3	5.1	5.7	8.3	12.2	31.5	6.2	930
	12-14	15.6	7.3	6.3	5.2	3.5	2.9	4.1	5.3	7.4	11.5	30.9	6.0	930
	15-17	14.4	8.0	6.6	3.3	4.2	3.8	5.4	6.3	9.2	11.3	27.5	5.9	930
	18-20	16.2	9.2	8.0	6.3	5.5	3.8	3.4	4.8	6.6	6.8	29.4	5.5	930
	21-23	35.4	6.7	5.9	4.4	3.0	2.6	3.0	3.7	3.5	2.6	29.2	4.4	930
	TOTALS	23.3	7.1	5.8	4.7	3.5	2.9	4.0	5.0	6.2	7.8	29.8	5.4	7440

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 PERIOD | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	32.0	7.9	7.4	4.9	3.3	2.3	2.6	2.8	4.2	4.0	28.6	4.5	900
	03-05	17.8	10.0	7.3	5.1	5.7	3.1	3.3	5.7	5.4	8.6	28.0	5.4	900
	06-08	10.2	8.2	6.4	5.2	4.4	3.3	4.7	6.3	8.6	11.1	31.4	6.3	900
	09-11	10.2	5.6	7.1	5.9	4.3	3.3	4.3	5.1	8.8	11.3	34.0	6.5	900
	12-14	9.3	5.9	8.6	4.1	5.8	4.9	4.9	5.9	8.2	13.9	28.6	6.3	900
	15-17	9.6	6.4	6.6	6.6	6.4	4.1	7.7	6.9	8.1	13.0	24.7	6.1	900
	18-20	10.2	6.8	9.7	7.2	5.1	4.2	6.4	7.0	9.0	11.3	23.0	5.8	900
	21-23	22.1	9.9	8.7	4.4	5.3	3.2	3.4	4.3	4.6	7.8	26.2	5.0	900
	TOTALS	15.2	7.6	7.7	5.4	5.0	3.6	4.7	5.5	7.1	10.1	28.1	5.7	7200

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 PERIOD | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	7.8	12.1	9.3	7.7	7.5	5.8	6.5	6.0	6.6	11.7	19.0	5.4	921
	03-05	6.7	10.2	10.1	9.1	6.0	5.1	5.6	6.4	8.8	13.0	19.0	5.6	922
	06-08	6.2	9.6	9.5	9.4	5.8	4.4	6.0	6.9	10.9	12.0	19.2	5.7	924
	09-11	5.6	9.0	9.9	8.6	6.4	5.9	6.3	6.7	8.4	12.5	20.6	5.8	926
	12-14	3.6	6.6	7.0	7.2	7.4	6.5	7.0	9.3	9.8	13.2	22.4	6.3	923
	15-17	3.9	6.4	5.0	7.6	6.4	5.9	7.7	9.1	11.1	18.0	19.1	6.5	927
	18-20	4.0	6.6	6.8	8.5	7.6	5.9	5.7	10.1	11.4	15.2	18.1	6.2	927
	21-23	4.1	9.8	10.2	8.7	7.5	5.1	5.2	7.0	8.1	13.5	20.8	5.9	923
TOTALS		5.2	8.8	8.5	8.4	6.8	5.6	6.3	7.7	9.4	13.6	19.8	5.9	7393

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26210 FORT SIMPSON NWT DOT 57-66 JUN
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	4.7	10.1	10.6	10.3	8.4	4.8	6.6	5.8	10.8	12.3	15.7	5.5	900
	03-05	7.2	7.6	9.8	9.3	7.0	3.9	6.3	7.3	10.9	15.3	15.3	5.7	900
	06-08	6.7	9.0	8.2	6.9	5.7	4.8	5.6	7.4	12.0	17.0	16.8	5.9	900
	09-11	3.7	8.4	8.3	7.4	7.7	5.7	8.1	7.6	9.6	15.1	18.4	6.0	900
	12-14	1.6	5.2	7.7	7.0	7.0	6.8	8.8	8.7	11.4	18.2	17.7	6.5	900
	15-17	1.2	3.9	6.9	7.9	7.2	5.8	8.6	9.2	14.8	17.1	17.4	6.6	900
	18-20	1.8	4.3	7.8	8.8	10.0	7.1	6.3	8.8	13.8	15.1	16.2	6.3	900
	21-23	2.6	7.2	9.2	10.9	8.1	6.9	5.6	8.7	11.6	14.4	14.9	5.9	900
TOTALS		3.7	7.0	8.6	8.6	7.6	5.7	7.0	7.9	11.9	15.6	16.6	6.1	7200

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26210 FORT SIMPSON NWT DOT 57-66 JUL
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	2.2	11.0	13.3	8.3	5.4	6.1	5.9	6.0	8.8	12.2	20.9	5.8	930
	03-05	3.8	7.7	9.5	11.2	7.7	6.5	6.2	6.5	8.6	12.4	20.0	5.9	930
	06-08	4.8	8.0	8.3	8.7	7.8	5.2	5.9	7.8	10.3	12.0	21.1	6.0	930
	09-11	3.5	8.7	8.3	8.3	7.4	5.8	5.1	8.8	13.1	14.0	17.0	6.0	930
	12-14	1.9	4.9	4.7	7.7	7.7	10.9	7.8	9.4	12.8	16.0	16.0	6.4	930
	15-17	1.5	4.5	3.7	8.6	8.8	7.7	5.6	12.0	15.1	17.3	15.2	6.6	930
	18-20	1.1	4.0	8.5	8.7	9.1	7.3	5.8	9.1	13.4	17.3	15.6	6.4	930
	21-23	1.4	7.2	8.8	11.3	9.7	6.9	6.8	7.5	9.4	13.8	17.3	6.0	930
	TOTALS	2.5	7.0	8.1	9.1	8.0	7.1	6.1	8.4	11.4	14.4	17.9	6.1	7440

USAF ETAC FORM JUL 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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SKY COVER

20210	FORT SIMPSON NWT DOT	57-66	AUG
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	17.4	15.9	8.1	8.4	5.7	2.7	4.9	4.4	5.3	8.4	18.8	4.6	930
	03-05	9.2	11.3	8.0	8.0	6.2	4.5	4.7	4.8	9.5	14.5	19.2	5.6	930
	06-08	7.6	9.0	6.8	6.3	4.9	4.0	4.7	7.0	11.5	17.5	20.5	6.1	930
	09-11	7.2	8.0	8.3	7.0	4.4	4.3	5.3	6.7	11.0	19.2	18.7	6.1	930
	12-14	3.4	9.5	6.2	6.6	5.4	7.6	9.1	8.5	9.6	17.6	16.5	6.2	930
	15-17	4.2	6.6	9.5	8.1	6.1	8.7	4.3	7.5	10.3	20.5	14.2	6.1	930
	18-20	4.0	7.4	11.9	8.7	6.6	4.9	6.3	8.0	11.7	17.5	12.9	5.8	930
	21-23	10.1	12.9	11.8	8.4	5.2	4.1	5.5	5.6	9.0	11.6	15.8	5.1	930
	TOTALS	7.9	10.1	8.8	7.7	5.6	5.1	5.6	6.6	9.7	15.9	17.1	5.7	7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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SKY COVER

26210 — STATION
FORT SIMPSON NWT CDT — STATION NAME
57-66 — PERIOD
SEP — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	22.1	10.3	5.7	4.4	3.6	1.6	3.6	3.3	3.3	4.3	37.8	5.5	900
	03-05	12.6	7.6	6.4	4.7	4.8	2.4	4.0	6.0	6.3	6.2	39.0	6.3	900
	06-08	2.6	5.6	5.8	3.9	2.9	4.2	4.4	7.4	11.0	17.6	34.7	7.3	900
	09-11	3.9	5.0	5.2	5.0	3.3	3.8	3.7	7.2	8.7	22.4	31.8	7.2	900
	12-14	2.2	6.1	6.1	5.4	4.9	3.9	4.4	8.4	10.0	21.3	27.1	7.0	900
	15-17	3.1	5.1	6.0	6.0	4.8	4.4	5.8	7.2	11.4	18.3	27.8	7.0	900
	18-20	4.0	8.3	5.9	8.6	4.4	3.3	4.9	7.2	9.4	13.9	30.0	6.6	900
	21-23	17.0	9.7	6.9	5.6	4.1	3.3	4.1	4.0	3.9	6.2	35.2	5.7	900
TOTALS		8.4	7.2	6.0	5.5	4.1	3.4	4.4	6.3	8.0	13.8	32.9	6.6	7200

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USAF ETAC FORM JUL 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26210	FORT SIMPSON N.T DOT	57-66	OCT
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	16.1	6.0	5.6	3.5	4.1	1.9	3.6	3.5	4.7	4.1	46.6	6.4	930
	03-05	13.0	6.5	4.5	4.2	3.8	3.8	3.0	3.3	4.4	5.8	47.7	6.7	930
	06-08	2.9	5.3	5.8	5.1	3.9	3.1	3.4	5.5	8.2	14.7	42.2	7.4	930
	09-11	4.0	5.5	5.1	4.0	2.7	2.9	4.8	4.5	7.1	19.7	39.8	7.5	930
	12-14	5.1	6.0	5.7	5.3	3.1	4.0	4.1	5.1	7.3	19.2	35.2	7.1	930
	15-17	4.1	5.7	5.3	4.3	3.8	2.9	3.7	7.1	9.0	18.4	35.8	7.3	930
	18-20	10.9	7.0	5.1	5.2	4.2	3.9	4.0	5.2	7.1	5.7	41.9	6.6	930
	21-23	18.4	5.7	4.2	3.4	2.7	2.0	4.2	5.1	6.1	4.0	44.2	6.3	930
	TOTALS	9.3	6.0	5.2	4.4	3.5	3.1	3.9	4.9	6.7	11.5	41.7	6.9	7440

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26210 FORT SIMPSON NWT DOT 57-66 NOV
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	22.6	5.2	5.2	4.6	2.7	2.8	2.3	3.7	3.9	3.8	43.3	5.9	900
	03-05	27.1	3.6	3.8	4.9	2.0	1.6	2.1	2.2	3.9	4.1	44.8	5.9	900
	06-08	14.0	4.6	7.2	4.2	2.6	3.1	4.4	3.7	6.3	7.6	42.3	6.5	900
	09-11	6.3	6.7	5.6	3.2	2.8	3.1	4.2	4.3	7.2	19.2	37.3	7.1	900
	12-14	8.2	6.8	6.8	3.7	4.0	2.1	2.3	6.6	7.0	19.0	33.6	6.8	900
	15-17	8.0	8.2	6.7	4.2	4.7	3.6	4.7	4.2	6.7	11.9	37.2	6.6	900
	18-20	18.6	6.6	6.1	4.9	3.1	2.6	3.1	3.8	4.2	4.6	42.6	6.0	900
	21-23	21.4	7.1	5.6	3.7	3.9	2.9	3.0	2.2	3.7	3.8	42.8	5.8	900
	TOTALS	15.6	6.1	5.9	4.2	3.2	2.7	3.3	3.8	5.4	9.3	40.5	6.3	7200

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SKY COVER

26210 FORT SIMPSON NWT DOT | 57-66 | DEC
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	26.6	5.9	5.3	3.4	2.3	2.3	2.6	4.4	4.9	3.3	39.0	5.5	930
	03-05	28.0	4.2	2.7	2.6	3.4	1.7	3.4	3.7	4.7	3.7	41.9	5.8	930
	06-08	19.7	6.7	5.9	2.8	2.4	2.4	3.1	4.0	5.6	7.5	40.0	6.1	930
	09-11	6.3	6.2	6.6	5.3	3.0	2.9	3.7	5.7	7.7	14.6	38.0	7.0	930
	12-14	6.1	6.7	6.2	4.5	4.8	3.9	4.9	5.8	7.7	14.3	34.9	6.8	930
	15-17	9.6	7.8	7.5	4.7	5.4	3.0	4.5	3.2	4.9	9.1	40.1	6.5	930
	18-20	21.4	6.0	5.9	2.8	4.2	1.9	3.7	3.1	5.6	4.4	40.0	5.8	930
	21-23	25.6	4.8	5.5	4.3	3.0	1.5	2.4	3.7	5.4	2.4	41.5	5.7	930
	TOTALS	17.9	6.0	5.8	3.8	3.6	2.5	3.5	4.2	5.8	7.4	39.4	6.2	7440

USAF ETAC FORM JUL 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

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 presentation 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 deviation, and total number of observations in three separate tables as follows:

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

   DATA NOT AVAILABLE

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

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 all 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 vertically. Also provided for each dry-bulb temperature interval 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 require two pages in some cases.

      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 ($\sum X^2$), sums of values ($\sum X$), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computations 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 tabulations by month.

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

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

a. Dry-bulb temperature
b. Wet-bulb temperature
c. 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.

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
ALL — MONTH
PAGE 1
ALL — HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91										.0	.0							5	5		
90/ 89									.0		.0	.0			.0			9	9		
88/ 87										.0				.0				2	2		
86/ 85								.0	.0	.0	.0	.0	.0					15	15		
84/ 83								.0	.0	.0	.0	.0	.0					67	67		
82/ 81							.0	.0	.0	.1	.0	.0	.0					144	144		
80/ 79						.0	.0	.1	.1	.1	.1	.0	.0					271	271		
78/ 77						.0	.1	.1	.1	.1	.1	.0	.0					410	410		
76/ 75				.0	.0	.1	.1	.1	.2	.1	.0	.0						569	568		
74/ 73				.0	.0	.1	.2	.2	.2	.1	.0	.0	.0					755	755	3	
72/ 71			.0	.0	.1	.2	.3	.2	.1	.1	.0	.0						906	906	5	
70/ 69			.0	.1	.2	.3	.3	.2	.1	.1	.0	.0						1164	1164	20	
68/ 67		.0	.0	.2	.3	.3	.3	.2	.1	.0	.0							1233	1233	101	2
66/ 65		.0	.1	.4	.4	.4	.3	.2	.1	.0	.0							1527	1527	309	13
64/ 63	.0	.1	.3	.5	.4	.3	.2	.2	.0	.0								1759	1759	729	46
62/ 61	.0	.2	.5	.5	.4	.3	.2	.1	.0	.0								1897	1897	1337	215
60/ 59	.0	.5	.6	.6	.4	.3	.2	.1	.0									2299	2299	2292	631
58/ 57	.1	.7	.7	.5	.4	.3	.1	.0	.0	.0								2454	2454	2836	1388
56/ 55	.1	.8	.7	.5	.4	.3	.1	.0	.0									2535	2535	3174	1985
54/ 53	.1	.9	.6	.4	.3	.2	.1	.0										2371	2371	3012	2461
52/ 51	.2	.9	.6	.5	.3	.1	.0	.0										2277	2277	3128	3074
50/ 49	.2	.9	.6	.5	.3	.1	.0	.0										2290	2290	2936	3047
48/ 47	.2	.8	.7	.4	.3	.1	.0											2101	2101	2627	2857
46/ 45	.2	.9	.6	.4	.2	.1	.0											2130	2130	2502	2761
44/ 43	.3	.9	.6	.4	.2	.0	.0											2089	2089	2485	2558
42/ 41	.3	.8	.6	.4	.1	.0												1856	1856	2288	2657
40/ 39	.3	.8	.6	.4	.1	.0												1916	1916	2219	2563
38/ 37	.3	.8	.7	.3	.0													1794	1794	2132	2548
36/ 35	.3	1.0	.7	.2	.0													1888	1889	2129	2242
34/ 33	.4	1.0	.6	.1	.0													1751	1751	2094	2210
32/ 31	.4	1.1	.4	.0														1741	1741	2192	2296
30/ 29	.5	1.1	.4	.0														1718	1718	2083	2291
28/ 27	.4	1.0	.3	.0	.0													1408	1408	1668	2282
26/ 25	.4	1.1	.2	.0														1463	1463	1543	1984

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | ALL MONTH

 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23	.4	1.0	.2	.0														1367	1367	1460	1802
22/ 21	.5	1.0	.1	.0														1323	1323	1486	1773
20/ 19	.5	.9	.1															1334	1334	1423	1542
18/ 17	.6	.9	.1															1321	1321	1378	1406
16/ 15	.7	.9	.0															1383	1383	1427	1321
14/ 13	.7	.8	.0															1326	1327	1414	1370
12/ 11	.9	.8	.0															1419	1419	1460	1308
10/ 9	1.1	.7	.0															1527	1527	1568	1252
8/ 7	1.1	.7																1510	1510	1568	1472
6/ 5	1.3	.6																1644	1644	1646	1503
4/ 3	1.2	.5	.0															1444	1444	1518	1452
2/ 1	1.2	.5	.0															1468	1468	1498	1482
0/ -1	1.3	.4																1527	1527	1527	1434
-2/ -3	1.7	.4																1786	1786	1818	1466
-4/ -5	1.8	.4																1847	1848	1824	1500
-6/ -7	1.8	.3																1832	1836	1878	1521
-8/ -9	1.6	.3																1635	1636	1651	1727
-10/ -11	1.9	.3																1825	1825	1830	1758
-12/ -13	1.7	.2																1650	1650	1689	1909
-14/ -15	1.6	.2																1501	1501	1514	1464
-16/ -17	1.4	.1																1326	1327	1341	1546
-18/ -19	1.2	.1																1124	1124	1127	1603
-20/ -21	1.2	.1																1130	1130	1145	1492
-22/ -23	1.0	.1																940	940	940	1345
-24/ -25	1.0	.1																901	901	907	1176
-26/ -27	.9	.0																773	773	787	1060
-28/ -29	.8	.0																693	693	684	801
-30/ -31	.8	.0																667	673	676	925
-32/ -33	.5	.0																483	492	485	844
-34/ -35	.3	.0																300	445	304	756
-36/ -37	.0																	3	418	?	614
-38/ -39																			279		438
-40/ -41																			277		335
-42/ -43																			226		112

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | ALL MONTH

PAGE 3 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-44/-45																			141		96
-46/-47																			106		44
-48/-49																			63		28
-50/-51																			51		7
-52/-53																			34		9
-54/-55																			14		12
-56/-57																			4		2
-58/-59																					1
-60/-61																					1
TOTAL	37.4	28.5	11.6	7.3	5.1	3.6	2.5	1.8	1.1	.6	.3	.1	.0	.0	.0				87601		85820
																		85822		85822	

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.	490811238	6359468	74.1	15.081	85812							
Dry Bulb	135880395	2159231	24.6	20.718	87601	2368.3	4707.5	885.1	224.6	36.3		8760
Wet Bulb	108225966	1991500	23.2	26.881	85822	2348.6	4920.0	12.9	.3			8760
Dew Point	92977973	1556193	18.1	27.470	85820	2750.2	5431.5	.2				8760

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JAN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47						.0												1	1		
46/ 45				.0		.0												2	2		
44/ 43				.1	.0													5	5		
42/ 41					.0													2	2		
40/ 39				.1	.0													8	8	1	
38/ 37			.0	.1	.0													8	8	5	
36/ 35			.0	.0														3	4	2	
34/ 33	.0	.0	.1	.1														10	10	12	
32/ 31	.0	.1	.1	.0														17	17	11	5
30/ 29	.1	.1	.1															24	24	27	6
28/ 27	.1	.2	.0															19	19	28	19
26/ 25	.1	.1	.0															16	16	20	15
24/ 23	.1	.1																11	11	14	25
22/ 21	.2	.2	.0															27	27	26	25
20/ 19	.2	.3	.0															32	32	22	31
18/ 17	.3	.4																41	41	42	31
16/ 15	.3	.4																42	42	42	20
14/ 13	.3	.6																60	60	57	34
12/ 11	.7	.4																67	67	74	37
10/ 9	1.1	.7																117	117	99	49
8/ 7	1.4	1.0																149	149	144	74
6/ 5	1.9	1.0																183	183	195	88
4/ 3	1.6	.6																136	136	139	122
2/ 1	1.3	.7																125	125	122	150
0/ -1	2.1	.9																192	192	183	151
-2/ -3	3.2	1.0																263	263	266	127
-4/ -5	4.4	1.2																360	361	348	149
-6/ -7	3.8	.8																290	294	305	169
-8/ -9	4.0	.7																303	304	302	257
-10/-11	5.7	.6																406	406	410	303
-12/-13	5.2	.6																372	372	382	337
-14/-15	5.5	.6																388	388	387	305
-16/-17	5.3	.3																358	358	366	321
-18/-19	5.5	.2																363	363	366	403

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JAN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-20/-21	5.4	.3																362	362	358	354
-22/-23	4.0	.2																265	265	268	401
-24/-25	4.0	.2																273	273	268	377
-26/-27	3.7	.2																245	245	250	295
-28/-29	4.1	.2																269	269	266	230
-30/-31	4.0	.1																264	268	266	273
-32/-33	2.8	.1																183	188	184	269
-34/-35	1.8	.1																121	188	122	275
-36/-37	.0																	2	205	5	253
-38/-39																			124		149
-40/-41																			176		115
-42/-43																			153		44
-44/-45																			87		47
-46/-47																			78		22
-48/-49																			53		13
-50/-51																			48		2
-52/-53																			33		2
-54/-55																			14		8
-56/-57																			4		
TOTAL	34.1	14.9	.5	.3	.1	.0													7440		6382
																		6384		6384	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	34947035	468469	73.4	9.361	6382							
Dry Bulb	3932288	-118104	-15.9	16.631	7440	633.4	740.0					744
Wet Bulb	2074113	-75827	-11.9	13.559	6384	617.9	741.7					744
Dew Point	3383726	-114362	-17.9	14.461	6382	658.8	744.0					744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | FEB MONTH

PAGE 1 | ALL HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41			.0		.0													5	5		
40/ 39		.0	.0	.2	.0													20	20		
38/ 37	.1		.0	.0														10	10	9	2
36/ 35	.0		.1	.1														11	11	9	3
34/ 33		.0	.1	.0	.0													10	10	18	5
32/ 31			.0	.0														3	3	10	2
30/ 29		.1	.0															7	7	9	3
28/ 27	.0	.1	.0															11	11	13	13
26/ 25	.1	.1	.0															14	14	15	15
24/ 23	.0	.1	.0															11	11	11	17
22/ 21	.1	.4	.1															35	35	24	16
20/ 19	.1	.4	.0															33	33	32	20
18/ 17	.5	.7	.0															77	77	62	25
16/ 15	.3	.3																39	39	58	41
14/ 13	.6	.6																79	79	71	51
12/ 11	1.4	.9																151	151	142	44
10/ 9	1.3	.7																130	130	140	86
8/ 7	2.1	.8																189	189	182	136
6/ 5	3.0	1.2																273	273	259	146
4/ 3	2.8	1.1																255	255	261	155
2/ 1	2.8	1.1																252	252	252	211
0/ -1	2.4	1.1																227	227	229	221
-2/ -3	3.9	1.1																326	326	324	216
-4/ -5	3.4	1.1																293	293	298	234
-6/ -7	4.8	1.3																396	396	376	241
-8/ -9	4.0	1.3																346	346	351	273
-10/-11	5.0	1.0																390	390	399	304
-12/-13	5.4	.9																414	414	417	331
-14/-15	5.5	.8																415	415	423	277
-16/-17	4.7	.7																355	355	358	324
-18/-19	3.6	.9																293	293	287	357
-20/-21	3.9	.4																280	280	302	415
-22/-23	3.6	.3																255	255	249	374
-24/-25	3.5	.2																240	240	252	303

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

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | FEB MONTH

PAGE 2 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-26/-27	3.3	.2																229	229	226	311
-28/-29	2.1	.2																146	146	147	227
-30/-31	2.0	.0																134	136	137	266
-32/-33	1.5	.1																99	100	99	216
-34/-35	1.0	.0																65	82	67	205
-36/-37																			84		129
-38/-39																			54		124
-40/-41																			38		103
-42/-43																			17		31
-44/-45																			13		14
-46/-47																			12		15
-48/-49																			8		2
-50/-51																			3		3
-52/-53																			1		3
-54/-55																					3
-56/-57																					1
-58/-59																					1
-60/-61																					1
TOTAL	78.8	20.2	.5	.4	.1													6518	6768	6518	6518

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	35382980	475352	72.9	10.482	6518							
Dry Bulb	2049186	-66438	-9.8	14.368	6768	311.6	666.4					672
Wet Bulb	1647112	-58286	-8.9	13.144	6518	309.4	668.3					672
Dew Point	2854047	-99027	-15.2	14.390	6518	569.6	671.0					672

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55						.0	.0											2	2		
54/ 53						.0	.0											2	2		
52/ 51						.0	.0											3	3		
50/ 49						.0												3	3		
48/ 47				.0	.2	.2												32	32		
46/ 45			.0	.1	.2	.1												26	26	2	
44/ 43				.1	.2	.1												25	25	3	
42/ 41		.0	.0	.2	.2													28	28	10	
40/ 39			.2	.3	.1	.0												43	43	31	1
38/ 37		.1	.2	.2	.0													39	39	39	1
36/ 35		.1	.4	.2														49	49	56	3
34/ 33	.1	.1	.4	.0														45	45	57	12
32/ 31		.3	.5	.0														56	56	59	23
30/ 29	.0	.4	.8	.0														94	94	72	63
28/ 27	.1	.6	.4															82	82	85	59
26/ 25	.1	1.2	.5	.0														134	134	120	76
24/ 23	.2	1.4	.5															157	157	136	91
22/ 21	.2	1.4	.2															141	141	157	141
20/ 19	.4	2.3	.3															217	217	183	138
18/ 17	1.0	2.7	.1															283	283	305	138
16/ 15	1.4	3.3	.2															363	363	338	168
14/ 13	1.6	2.6	.1															314	314	343	270
12/ 11	1.6	2.9	.1															335	335	337	315
10/ 9	2.4	2.9	.0															390	390	398	272
8/ 7	2.0	2.5																337	337	367	325
6/ 5	2.1	2.5																343	343	332	339
4/ 3	2.4	2.1	.0															329	329	360	320
2/ 1	2.7	2.3																376	376	377	320
0/ -1	2.7	2.0																350	350	353	307
-2/ -3	3.0	1.6																338	338	361	342
-4/ -5	3.6	1.4																368	368	360	343
-6/ -7	3.8	.8																342	342	372	337
-8/ -9	3.1	.7																281	281	288	285
-10/-11	2.5	.8																244	244	236	348

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

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) MAR (MONTH)

 ALL (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-12/-13	3.1	.5																262	262	281	410
-14/-15	2.4	.3																200	200	200	255
-16/-17	2.1	.3																174	174	176	240
-18/-19	1.4	.2																116	116	122	261
-20/-21	1.3	.1																107	107	103	233
-22/-23	1.1	.2																94	94	98	151
-24/-25	1.0	.1																86	86	85	163
-26/-27	.7	.0																57	57	61	113
-28/-29	.5	.1																44	44	42	82
-30/-31	.6	.1																51	51	51	82
-32/-33	.4	.0																34	34	36	96
-34/-35	.1																	8	14	8	42
-36/-37																			20		61
-38/-39																			11		26
-40/-41																			3		12
-42/-43																					16
-44/-45																					9
-46/-47																					2
-48/-49																					5
-50/-51																					2
-54/-55																					1
-56/-57																					1
TOTAL	51.6	41.0	4.9	1.1	.8	.4	.0											7400	7440	7400	7400

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.	399 18144	538004	72.7	10.387	7399							
Dry Bulb	1 949647	26839	3.6	15.782	7440	319.6	714.7					744
Wet Bulb	1661241	22193	3.0	14.681	7400	325.0	724.1					744
Dew Point	1811321	-23821	-3.2	15.312	7400	434.8	742.3					744

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69								.0	.0									2	2		
68/ 67								.1	.0									5	5		
66/ 65								.0	.0									3	3		
64/ 63								.1	.0									6	6		
62/ 61							.1	.1	.1	.0								19	19		
60/ 59						.1	.2	.1	.1									30	30		
58/ 57						.0	.2	.1	.1	.0								28	28		
56/ 55					.0	.1	.1	.1	.0									19	19	2	
54/ 53					.1	.2	.1	.0										30	30	5	
52/ 51				.0	.3	.2	.2											53	53	4	
50/ 49				.1	.5	.3	.1											79	79	16	
48/ 47			.0	.1	1.0	.5	.1											119	119	29	
46/ 45		.0	.1	.5	.7	.3	.0											122	122	51	
44/ 43		.0	.4	.9	.7	.2												160	160	67	3
42/ 41	.0	.2	.8	1.4	.5	.2												225	225	106	7
40/ 39	.0	.3	1.6	1.6	.3	.0												274	274	211	23
38/ 37	.1	.7	2.0	1.5	.1													319	319	284	44
36/ 35	.1	1.7	2.9	1.1	.0													423	423	391	100
34/ 33	.4	2.1	2.8	.5														417	417	454	203
32/ 31	.3	3.1	2.0	.2														411	411	540	327
30/ 29	.4	4.3	2.0	.1														496	496	552	481
28/ 27	.6	3.9	1.5	.1	.0													441	441	530	562
26/ 25	1.0	3.8	1.3	.1														441	441	489	628
24/ 23	.7	3.2	1.1	.0														358	358	424	582
22/ 21	.6	3.3	.7	.0														333	333	377	544
20/ 19	.8	3.2	.6															331	331	383	418
18/ 17	.8	2.8	.5															288	288	320	353
16/ 15	.8	3.2	.3															309	309	312	338
14/ 13	.7	2.5	.2															243	243	304	322
12/ 11	.9	2.1	.1															216	216	244	293
10/ 9	1.0	1.9	.0															208	208	229	262
8/ 7	.8	1.5																170	170	198	268
6/ 5	.7	1.2																138	138	153	249
4/ 3	.8	.8																117	117	138	226

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

26210 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
APR — MONTH

ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
2/ 1	.9	.4	.0																91	91	104	187
0/ -1	.6	.3																	67	67	68	168
-2/ -3	.6	.3																	65	65	70	183
-4/ -5	.4	.1																	37	37	39	101
-6/ -7	.3	.1																	23	23	26	71
-8/ -9	.2	.0																	15	15	15	75
-10/-11	.3																		18	18	20	47
-12/-13	.1																		9	9	9	42
-14/-15	.1	.0																	12	12	11	21
-16/-17	.1																		9	9	10	13
-18/-19	.1																		6	6	6	17
-20/-21	.1																		4	4	4	14
-22/-23	.1																		4	4	4	8
-24/-25	.0																		3	3	3	5
-26/-27	.0																		2	2	2	6
-28/-29	.0																		1	1	1	2
-30/-31	.0																		1	1	1	
-32/-33																						2
-34/-35																						3
-36/-37																						1
-38/-39																						1
TOTAL	15.4	46.9	21.[illegible]	8.4	4.3	2.0	1.1	.5	.3	.0										7200		7200
																			7200		7200	

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	38039730	513630	71.3	13.939	7200							
Dry Bulb	6138515	185623	25.8	13.709	7200	27.6	486.7	.7				720
Wet Bulb	4892742	166998	23.2	11.899	7200	28.9	558.0					720
Dew Point	3174376	123846	17.2	12.043	7200	78.0	682.0					720

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26216 STATION — FORT SIMPSON NWT DUT STATION NAME — 57-66 YEARS — MAY MONTH

PAGE 1 — ALL HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78 / 77										.0	.0							5	5		
76 / 75								.1	.0	.0	.1	.0						17	17		
74 / 73							.0	.1	.1	.1	.0	.1	.0					43	43		
72 / 71							.1	.1	.1	.1	.2	.0						49	49		
70 / 69					.0	.0	.1	.2	.2	.3	.1	.0						73	73		
68 / 67						.1	.3	.4	.4	.3	.0							108	108		
66 / 65					.0	.2	.4	.6	.3	.1								119	119		
64 / 63					.1	.4	.8	.9	.3	.0								189	189		
62 / 61				.0	.3	.5	1.0	.6	.2									201	201	8	
60 / 59				.1	.6	1.3	.8	.3	.1									238	236	29	
58 / 57		.0	.0	.2	.9	1.7	.7	.2										279	279	40	1
56 / 55	.0	.0	.2	.5	1.4	1.4	.4	.2										307	307	113	1
54 / 53		.2	.4	.8	1.4	.9	.6	.1										324	324	184	5
52 / 51	.1	.4	.7	1.3	1.7	.8	.2	.1										388	388	343	43
50 / 49	.0	.6	1.0	2.3	1.4	.8	.1	.0										462	462	474	84
48 / 47	.1	.7	1.5	2.2	1.0	.5	.1											451	451	539	158
46 / 45	.2	1.1	2.2	1.8	.9	.3	.0											483	483	594	205
44 / 43	.3	1.6	2.6	2.0	.8	.2	.0											547	547	620	325
42 / 41	.2	1.8	2.6	1.5	.6	.1												493	493	663	479
40 / 39	.2	2.1	2.3	1.1	.4	.1												456	456	618	603
38 / 37	.1	2.3	2.1	1.2	.2													439	439	632	814
36 / 35	.4	2.2	1.8	.7	.0													380	380	536	754
34 / 33	.6	2.0	1.5	.3	.0													328	329	477	723
32 / 31	.4	1.9	1.3	.2														279	279	402	625
30 / 29	.2	1.8	.8	.0														207	207	355	501
28 / 27	.1	1.3	.5	.0														139	137	231	494
26 / 25	.0	.9	.3															93	93	145	397
24 / 23	.1	.9	.1															87	87	106	305
22 / 21	.1	.8	.1															75	75	95	237
20 / 19	.1	.6	.0															59	59	79	187
18 / 17	.1	.3																31	30	52	152
16 / 15	.1	.2																19	19	28	120
14 / 13	.0	.1																10	11	10	74
12 / 11	.0	.0																4	4	6	41

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | MAY MONTH

PAGE 2 | ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 9	.0	.0																6	6	5	33
8/ 7	.0	.0																4	4	6	13
6/ 5	.0																	1	1	1	7
4/ 3	.0																	1	1	1	6
2/ 1																					3
0/ -1																					2
TOTAL	3.7	23.7	22.1	16.2	11.9	9.3	5.8	3.9	1.8	.9	.5	.2	.0					7392	7393	7392	7392

Element X	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	33763881	481411	65.1	18.049	7391							
Dry Bulb	16108550	333920	45.2	11.783	7393		101.9	29.7	6.5			744
Wet Bulb	12171029	292933	39.6	8.724	7392		153.2					744
Dew Point	8541300	243678	32.9	8.401	7392	.2	321.8					744

USAFETAC FORM 0-265 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DUT STATION NAME | 57-66 YEARS | JUN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85										.0	.0							4	4		
84/ 83										.0	.0	.0	.1					11	11		
82/ 81									.0	.1	.1	.1	.0					21	21		
80/ 79								.0	.1	.2	.3	.1	.0					57	57		
78/ 77						.0		.2	.2	.3	.3	.1	.0					85	85		
76/ 75						.0	.2	.3	.6	.6	.2	.1						131	131		
74/ 73						.1	.4	.7	.7	.5	.3							195	195		
72/ 71					.0	.3	.8	.9	.7	.4	.1							226	226		
70/ 69				.1	.2	.7	1.2	1.0	.7	.3	.1							304	304		
68/ 67				.2	.5	1.2	1.2	.9	.5	.1								333	333	2	
66/ 65			.1	.5	1.2	1.5	1.2	.9	.4									413	413	17	
64/ 63		.0	.3	.9	1.4	1.6	1.0	.5	.0									416	416	67	
62/ 61		.1	.9	1.4	1.7	1.2	.6	.2										434	434	167	4
60/ 59		.6	1.4	1.8	1.8	1.0	.4	.1										502	502	444	24
58/ 57	.1	1.4	2.4	2.0	1.3	.7	.3	.1										587	587	676	119
56/ 55	.2	2.1	2.3	2.0	1.2	.6	.3	.0										633	633	884	300
54/ 53	.3	3.2	2.3	1.4	.7	.4	.1											611	611	943	513
52/ 51	.9	2.8	2.0	1.3	.6	.2	.0											556	556	986	806
50/ 49	.7	2.1	1.6	1.0	.5	.1	.1											433	433	820	824
48/ 47	.6	1.9	1.5	.7	.3	.1	.0											367	367	564	887
46/ 45	.5	2.2	1.1	.6	.2	.0												333	333	492	835
44/ 43	.5	1.5	.6	.4	.1	.0												241	241	433	687
42/ 41	.3	.8	.3	.1	.1													110	110	261	609
40/ 39	.1	.6	.4	.1														85	85	193	477
38/ 37	.1	.3	.1	.1														44	44	113	370
36/ 35	.1	.2	.1	.1														36	36	61	245
34/ 33	.0	.1	.1															18	18	34	185
32/ 31		.1	.0															5	5	16	124
30/ 29	.0	.0																5	5	22	63
28/ 27	.0	.0																4	4	3	38
26/ 25																				2	32
24/ 23																					26
22/ 21																					20
20/ 19																					8

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

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JUN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
18/ 17 TOTAL	4.4	20.0	17.8	14.7	11.6	9.7	7.7	5.7	3.9	2.5	1.4	.4	.1					7200		7200	4 7200

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	35169204	483118	67.1	19.552	7200							
Dry Bulb	24539563	414731	57.6	9.505	7200		1.4	136.7	90.4	6.3		720
Wet Bulb	19009888	367250	51.0	6.210	7200		4.3	.2				720
Dew Point	15162138	326766	45.4	6.792	7200		31.5					720

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72210	FORT SIMPSON NWT DOT	57-66	JUL
STATION	STATION NAME	YEARS	MONTH

PAGE 1 ALL HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
92/ 91										.0	.1								5	5		
90/ 89									.0		.1	.0			.0				9	9		
88/ 87										.0				.0					2	2		
86/ 85								.0	.0	.0	.0	.0	.0						11	11		
84/ 83								.0	.1	.2	.1	.2	.0						43	43		
82/ 81							.0	.1	.2	.4	.2	.1	.0						85	85		
80/ 79						.0	.1	.5	.4	.6	.2	.0							141	141		
78/ 77						.1	.4	.7	.7	.4	.2	.0							188	188		
76/ 75				.0	.1	.3	.7	.7	.9	.6	.2								250	259		
74/ 73				.1	.1	.6	1.2	1.3	.6	.3	.0								311	311	3	
72/ 71				.1	.8	1.4	1.5	1.0	.5	.1									408	408	5	
70/ 69				.4	1.4	1.8	1.5	.8	.3	.0									466	466	20	
68/ 67			.2	1.2	1.8	1.7	1.0	.4	.1										480	480	61	2
66/ 65		.1	.8	2.1	1.9	1.4	.6	.1	.0										523	523	181	12
64/ 63	.0	.5	1.9	2.6	1.7	.8	.3	.1	.0										583	583	392	27
62/ 61	.0	1.3	2.7	1.9	1.2	.4	.2	.1											582	582	726	120
60/ 59	.2	2.8	2.9	2.2	1.0	.4	.1												708	708	1103	374
58/ 57	.6	3.7	2.9	1.7	.6	.2													725	725	1239	761
56/ 55	.7	4.2	2.3	1.0	.3	.1													632	632	1119	985
54/ 53	.6	3.1	1.4	.6	.2	.0													440	440	900	1138
52/ 51	.3	2.4	.9	.5	.0														309	309	633	1107
50/ 49	.4	1.9	.6	.1															217	217	438	936
48/ 47	.3	.9	.3	.0															114	114	293	689
46/ 45	.3	.9	.1	.0															99	99	153	501
44/ 43	.2	.5	.0																52	52	93	366
42/ 41	.1	.1																	20	20	46	212
40/ 39	.1	.1																	13	13	15	114
38/ 37	.1	.1																	14	14	19	69
36/ 35	.0																		1	1	1	23
34/ 33																						3
32/ 31																						1
TOTAL	4.0	22.4	17.1	14.4	11.2	9.2	7.7	5.8	4.0	2.6	1.2	.4	.1	.0	.0					7440		7440
																			7440		7440	

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.	39207900	522350	70.2	18.458	7440							
Dry Bulb	29671318	465322	62.5	8.742	7440			240.8	105.4	21.9		744
Wet Bulb	23576316	417046	56.1	5.172	7440			8.9	.3			744
Dew Point	19955528	383344	51.5	5.235	7440		.1	.2				744

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | AUG MONTH

PAGE 1 | ALL HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83									.1	.0	.0	.0						13	13		
82/ 81								.1	.1	.1	.2							38	38		
80/ 79							.1	.3	.2	.3	.1							71	71		
78/ 77						.1	.3	.5	.4	.3	.1	.0						129	129		
76/ 75					.0	.2	.5	.5	.5	.1	.1							146	146		
74/ 73					.1	.7	.7	.7	.3	.1	.0							190	190		
72/ 71			.0	.1	.4	.7	.8	.5	.3	.1								210	210		
70/ 69			.0	.3	.8	1.4	.7	.5	.1									295	295		
68/ 67		.0	.2	.5	1.0	1.0	.6	.2	.1									267	267	38	
66/ 65		.1	.5	1.5	1.3	1.0	.7	.3	.1									413	413	111	1
64/ 63		.3	1.4	1.7	1.9	.9	.4	.1	.0									491	491	268	19
62/ 61	.0	.9	2.1	2.2	1.3	.6	.3	.0										549	549	433	91
60/ 59	.1	2.1	2.7	2.2	1.1	.4	.1											648	648	679	233
58/ 57	.1	2.6	2.4	1.6	.7	.5	.1											605	605	804	498
56/ 55	.5	3.1	2.3	1.4	.9	.4	.0											634	634	944	684
54/ 53	.8	3.4	2.2	1.1	.6	.1	.0											612	612	828	762
52/ 51	1.0	3.4	1.7	1.0	.3	.0	.0											560	560	796	1009
50/ 49	.7	3.5	1.7	.8	.1													501	501	671	918
48/ 47	.5	2.4	1.3	.4	.1													350	350	612	767
46/ 45	.8	1.8	1.0	.2														283	283	468	695
44/ 43	.5	1.2	.4	.0														159	159	343	492
42/ 41	.6	.9	.2															121	121	210	439
40/ 39	.3	.5	.1															64	64	105	327
38/ 37	.2	.3																42	42	58	234
36/ 35	.1	.2																23	23	38	145
34/ 33	.1	.1																12	12	17	73
32/ 31	.1	.0																7	7	9	39
30/ 29		.0																2	2	2	6
28/ 27	.1	.0																5	5	6	5
26/ 25																					3
TOTAL	6.5	26.8	20.1	15.0	10.6	7.9	5.3	3.8	2.3	1.0	.5	.1							7440		7440
																		7440		7440	

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.	42899065	550329	74.0	17.165	7440							
Dry Bulb	25783092	432492	58.1	9.290	7440		1.4	135.9	58.7	8.1		744
Wet Bulb	21148387	393757	52.9	6.446	7440		1.7	3.8				744
Dew Point	18120932	364104	48.9	6.373	7440		5.3					744

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | SEP MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79											.0							2	2		
78/ 77										.0								3	3		
76/ 75									.1	.1								15	15		
74/ 73								.1	.2									16	16		
72/ 71							.0	.1	.1									13	13		
70/ 69						.0	.1	.1	.0	.0								24	24		
68/ 67					.1	.1	.2	.1	.1	.0								40	40		
66/ 65					.2	.2	.2	.1	.1	.1	.0							52	52		
64/ 63				.1	.2	.3	.2	.2	.0	.0								74	74		
62/ 61			.1	.2	.4	.4	.3	.2										108	108	3	
60/ 59	.0	.1	.2	.4	.8	.5	.3	.1	.0									164	164	37	
58/ 57		.2	.4	.8	1.0	.5	.1	.1	.0									217	217	77	9
56/ 55		.3	.8	1.3	1.1	.4	.2	.0										288	288	112	15
54/ 53		1.0	1.1	1.2	.9	.3	.0	.0										331	331	150	43
52/ 51	.3	1.5	1.5	1.1	.5	.2	.0											371	371	362	109
50/ 49	.5	2.0	2.4	1.6	.5	.1												521	521	506	285
48/ 47	.4	2.9	2.6	1.3	.6	.1												574	574	563	353
46/ 45	.8	4.2	2.5	.9	.3	.1												643	643	666	517
44/ 43	1.4	5.0	2.2	.9	.3													709	709	792	639
42/ 41	1.7	4.3	1.9	.7	.1													623	625	781	796
40/ 39	1.8	4.3	1.6	.5	.0													601	601	736	819
38/ 37	1.7	3.1	1.5	.5	.1													485	485	619	783
36/ 35	1.9	3.3	1.1	.2														466	466	563	661
34/ 33	1.2	2.4	.5	.0														299	299	433	550
32/ 31	1.2	2.2	.2															262	262	339	505
30/ 29	1.0	1.0	.2															153	153	252	414
28/ 27	.5	.4																69	69	121	304
26/ 25	.4	.2																45	45	53	182
24/ 23	.2	.2																25	25	23	105
22/ 21	.0																	3	3	10	80
20/ 19	.0	.0																2	2	2	21
18/ 17																					8
16/ 15																					1
14/ 13																					1

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	15.2	38.6	20.8	11.8	6.9	3.2	1.5	1.0	.5	.3	.0							7200	7200	7200	7200

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.	47254905	571949	79.4	15.904	7200							
Dry Bulb	14964379	321839	44.7	8.962	7200		55.9	11.3	3.6			720
Wet Bulb	12775571	299013	41.5	7.049	7200		80.0					720
Dew Point	10774902	273970	38.1	6.972	7200		162.1					720

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65							.0	.0										4	4		
62/ 61						.0		.0	.0									4	4		
60/ 59						.1		.1										9	9		
58/ 57					.0	.1	.1	.0										13	13		
56/ 55					.1	.0	.1	.1	.0									20	20		
54/ 53				.0	.1	.1	.1	.0										21	21	2	
52/ 51		.0	.0	.2	.2	.0	.1											37	37	4	
50/ 49		.1	.2	.3	.3	.1	.1											74	74	11	
48/ 47	.0	.1	.3	.4	.3	.1	.0											93	93	27	3
46/ 45	.0	.4	.5	.6	.2	.1												139	139	76	8
44/ 43	.1	1.0	.7	.6	.2	.1												191	191	134	46
42/ 41	.3	1.2	.9	.6	.1													224	224	211	115
40/ 39	1.1	1.6	1.3	.5	.1													341	341	308	199
38/ 37	.9	2.3	1.6	.4	.0													387	387	350	230
36/ 35	1.4	3.4	1.7	.1	.0													489	489	463	304
34/ 33	1.9	5.0	1.0	.1														600	600	576	452
32/ 31	2.9	5.5	.7	.0														674	674	788	636
30/ 29	3.2	5.0	.7															657	657	728	721
28/ 27	2.3	4.3	.6															538	538	555	716
26/ 25	2.5	5.1	.3															581	581	569	548
24/ 23	2.5	5.0	.2															567	567	593	539
22/ 21	2.8	3.7	.0															485	485	596	566
20/ 19	2.4	2.4	.1															359	359	433	561
18/ 17	1.8	1.6	.0															256	256	270	465
16/ 15	1.4	1.2																192	192	212	372
14/ 13	1.1	.8																145	145	162	248
12/ 11	.9	.5																100	100	119	186
10/ 9	.8	.2																81	81	88	132
8/ 7	.8	.2																69	69	71	120
6/ 5	.3	.0																27	27	31	104
4/ 3	.3																	19	19	19	72
2/ 1	.2	.0																13	13	12	36
0/ -1	.1	.0																11	11	12	15
-2/ -3	.1																	5	5	5	13

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | OCT MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-4/ -5	.1																	4	4	4	12
-6/ -7	.0																	3	3	3	6
-8/ -9	.0																	3	3	3	3
-10/-11	.0																	3	3	3	4
-12/-13																					6
-14/-15	.0																	2	2	2	
-18/-19																					2
TOTAL	32.2	50.5	10.9	3.6	1.5	.6	.4	.2	.0										7440		7440
																		7440		7440	

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.	53480442	624776	84.0	11.679	7440							
Dry Bulb	6999524	216372	29.1	9.748	7440	3.1	479.4					744
Wet Bulb	6245396	205534	27.6	8.735	7440	3.2	527.8					744
Dew Point	5086278	182358	24.5	9.032	7440	6.1	608.2					744

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | NOV MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41			.2	.0														3	3		
40/ 39		.0	.2															3	3	1	
38/ 37		.0		.0														3	3	3	1
36/ 35		.0																2	2	4	2
34/ 33	.0	.1	.0															9	9	5	3
32/ 31	.1	.2																21	21	12	8
30/ 29	.3	.6	.0															67	67	58	27
28/ 27	.6	.8																96	96	86	62
26/ 25	.9	1.0																135	135	127	82
24/ 23	1.2	.9																148	148	147	102
22/ 21	1.4	1.6																217	217	194	136
20/ 19	2.2	1.8																285	285	280	151
18/ 17	2.2	2.1	.0															306	306	291	219
16/ 15	3.2	2.0																368	368	387	244
14/ 13	3.5	1.8																377	377	375	329
12/ 11	3.7	1.7																384	384	385	333
10/ 9	3.9	1.5																383	383	394	328
8/ 7	3.6	1.4																362	362	374	365
6/ 5	4.2	1.0																370	370	381	367
4/ 3	3.5	.8																306	306	317	332
2/ 1	3.6	.6																298	298	305	333
0/ -1	3.4	.4																271	271	274	315
-2/ -3	4.4	.6																359	359	356	295
-4/ -5	4.5	.5																358	358	351	291
-6/ -7	4.5	.5																354	354	369	288
-8/ -9	3.3	.3																269	269	269	345
-10/-11	3.6	.3																276	276	275	336
-12/-13	3.0	.2																226	226	229	367
-14/-15	2.6	.1																192	192	195	233
-16/-17	2.1	.1																160	160	158	217
-18/-19	1.6																	114	114	120	228
-20/-21	1.3	.1																100	100	96	171
-22/-23	1.0	.0																75	75	78	162
-24/-25	.9	.0																68	68	68	88

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

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | NOV MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-26/-27	.6																	42	42	43	88
-28/-29	.6																	43	43	43	75
-30/-31	.6																	43	43	43	64
-32/-33	.4																	29	30	29	53
-34/-35	.2																	17	31	17	37
-36/-37																			19		24
-38/-39																			17		25
-40/-41																			6		7
-42/-43																			4		3
-44/-45																					1
-48/-49																					2
TOTAL	76.9	23.0	.1	.0															7200		7139
																		7139		7139	

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.	48018999	583027	81.7	7.212	7134							
Dry Bulb	15210778	20336	2.8	14.259	7200	305.7	718.0					720
Wet Bulb	1388986	20808	2.9	13.642	7139	303.9	718.7					720
Dew Point	1519116	-8612	-1.2	14.538	7139	374.7	719.4					720

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39			.1	.1														8	8		
38/ 37		.0	.1	.0														8	8	1	
36/ 35	.0		.1															5	5	5	2
34/ 33		.0		.0														2	2	11	1
32/ 31	.0	.0	.0															6	6	6	1
30/ 29	.0	.0	.0															6	6	6	6
28/ 27	.0	.1																6	6	10	10
26/ 25	.0	.0																4	4	3	6
24/ 23	.0	.0																3	3	6	10
22/ 21	.1	.0																7	7	7	8
20/ 19	.1	.1																16	16	9	7
18/ 17	.3	.2																40	40	36	11
16/ 15	.4	.3																51	51	50	17
14/ 13	.9	.5																98	98	92	41
12/ 11	1.6	.7																162	162	153	57
10/ 9	2.4	.6																212	212	221	90
8/ 7	2.6	.6																230	230	226	171
6/ 5	3.4	1.0																309	309	294	203
4/ 3	3.2	.8																281	281	283	219
2/ 1	3.8	.6																313	313	326	242
0/ -1	5.1	.7																409	409	408	255
-2/ -3	5.4	.7																430	430	436	290
-4/ -5	5.5	.5																427	427	424	370
-6/ -7	5.6	.4																424	424	427	409
-8/ -9	5.5	.4																418	418	423	389
-10/-11	6.5	.4																488	488	487	416
-12/-13	5.0	.2																367	367	371	416
-14/-15	3.9	.2																292	292	296	373
-16/-17	3.7	.1																270	271	273	431
-18/-19	3.1	.2																232	232	226	335
-20/-21	3.8	.1																277	277	282	305
-22/-23	3.4	.1																247	247	243	249
-24/-25	3.1	.1																231	231	231	240
-26/-27	2.8																	198	198	205	247

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) DEC (MONTH)

PAGE 2 ALL (HOURS L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29	2.0	.1																190	190	185	185
-30/-31	2.4	.0																174	174	178	240
-32/-33	1.9	.0																138	140	137	208
-34/-35	1.2	.1																89	130	90	194
-36/-37	.0																	1	90	2	146
-38/-39																			73		113
-40/-41																			54		98
-42/-43																			32		18
-44/-45																			41		25
-46/-47																			16		5
-48/-49																			2		6
-52/-53																					4
TOTAL	9.5	10.2	.2	.1														7069	7440	7069	7069

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.	42728953	547053	77.4	7.408	7068							
Dry Bulb	2223255	-73701	-9.9	14.168	7440	567.3	741.7					744
Wet Bulb	1634985	-59919	-8.5	12.628	7069	560.3	742.2					744
Dew Point	2594309	-96051	-13.6	13.506	7069	628.0	743.7					744

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JAN MONTH

 0000-0200 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27	28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35				.1															1	1		
34/ 33				.3															2	2		
32/ 31			.3																2	2		
30/ 29	.4		.1																4	4	6	
28/ 27	.4	.3																	5	5	7	5
26/ 25		.1																	1	1	1	1
24/ 23																					1	2
22/ 21	.4	.1																	4	4	3	2
20/ 19	.4	.1																	4	4	5	4
18/ 17	.4	.1																	4	4	3	6
16/ 15	.1	.5																	5	5	3	2
14/ 13	1.0	.4																	11	11	13	2
12/ 11	1.4	.3																	13	13	12	8
10/ 9	.8	.5																	10	10	8	9
8/ 7	1.4	.4																	14	14	1	12
6/ 5	2.0	.1																	17	17	18	8
4/ 3	1.7	.4																	16	16	16	14
2/ 1	1.1	.4																	12	12	11	17
0/ -1	2.0	1.1																	25	25	19	15
-2/ -3	3.7	.8																	35	35	41	8
-4/ -5	4.0	1.4																	42	42	35	16
-6/ -7	4.0	.6																	36	38	42	21
-8/ -9	4.0	.4																	34	34	34	36
-10/-11	5.1	.6																	45	45	43	37
-12/-13	4.7	1.0																	45	45	48	44
-14/-15	5.5	.6																	48	48	45	33
-16/-17	6.4	.3																	52	52	55	32
-18/-19	6.3																		49	49	50	58
-20/-21	4.2	.3																	35	35	35	39
-22/-23	3.8	.3																	32	32	31	50
-24/-25	4.6																		36	36	37	55
-26/-27	3.7	.1																	30	30	30	24
-28/-29	5.0																		39	39	39	27
-30/-31	3.8																		30	30	30	32

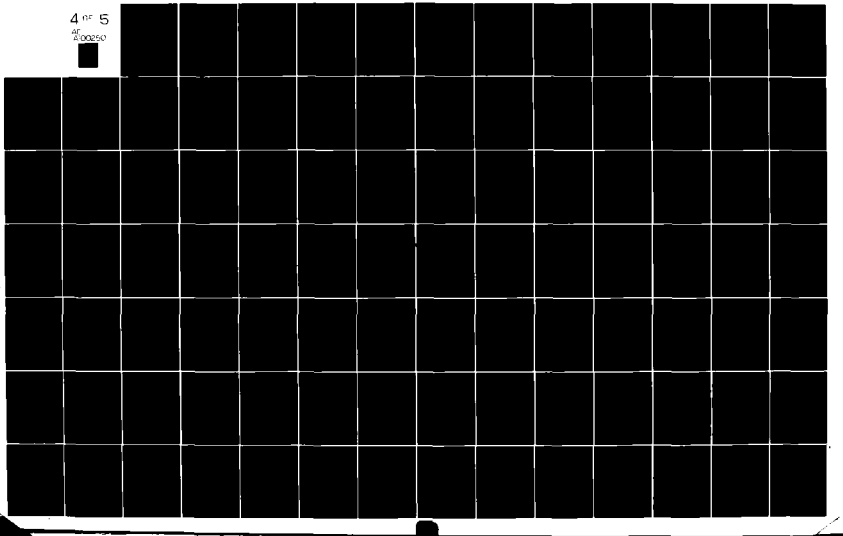
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

AD-A100 250 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FORT SIMPSON, NORTHWEST TERRITORIES, CANADA. REVISED UNIFORM SU--ETC(U)
JAN 72

UNCLASSIFIED USAFETAC/DS-81/045 SBIE-AD-E850 073 NL

4 OF 5
AD
A100250



2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JAN MONTH

PAGE 2 | 0000-0200 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-32/-33	3.3	.1																27	27	27	39
-34/-35	1.9	.4																18	26	16	39
-36/-37																			20	2	31
-38/-39																			17		16
-40/-41																			19		9
-42/-43																			28		13
-44/-45																			12		6
-46/-47																			14		3
-48/-49																			13		1
-50/-51																			6		
-52/-53																			8		
-54/-55																					3
TOTAL	7.9	11.7	.4	.4														783	930	783	783

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.	4367331	58019	74.1	9.340	783							
Dry Bulb	530801	-15683	-16.9	16.932	930	80.5	92.7					93
Wet Bulb	264843	-9633	-12.3	13.679	783	78.3	93.0					93
Dew Point	430344	-14240	-18.2	14.803	783	81.8	93.0					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) JAN (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
34/ 33			.1	.3														3	3		
32/ 31			.1	.1														2	2		
30/ 29	.4	.1	.1															5	5	5	
28/ 27	.1																	1	1	6	5
26/ 25	.1	.5																5	5	3	
24/ 23		.1																1	1	2	3
22/ 21	.1	.4																4	4	4	4
20/ 19		.1																1	1	1	6
18/ 17		.3																2	2	1	2
16/ 15	.1	.5																5	5	5	1
14/ 13	.3	.9																9	9	8	2
12/ 11	1.3	.1																11	11	14	5
10/ 9	1.4	.7																16	16	15	7
8/ 7	2.0	.9																22	22	21	17
6/ 5	1.2	.7																14	14	13	16
4/ 3	1.3	.5																14	14	14	17
2/ 1	1.6	.7																17	17	17	11
0/ -1	1.4	.7																16	16	15	15
-2/ -3	3.7	1.2																37	37	39	13
-4/ -5	4.7	1.4																47	47	42	7
-6/ -7	3.4	.7																31	31	36	27
-8/ -9	4.1	.7																36	36	35	34
-10/-11	7.6	1.2																67	67	67	39
-12/-13	3.8	.4																32	32	34	34
-14/-15	6.2	.5																51	51	50	47
-16/-17	5.6	.4																46	46	47	39
-18/-19	5.9																	45	45	46	45
-20/-21	4.7	.1																37	37	37	48
-22/-23	3.7	.3																30	30	29	51
-24/-25	4.2	.7																37	37	34	37
-26/-27	3.0	.1																24	24	28	33
-28/-29	3.9																	30	30	30	34
-30/-31	3.8	.1																30	30	30	31
-32/-33	3.8																	29	29	29	30

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JAN MONTH

PAGE 2 | 0300-0900 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-34/-35	.7																	5	10	5	38
-36/-37	.1																	1	40	1	20
-38/-39																			19		26
-40/-41																			22		9
-42/-43																			23		4
-44/-45																			16		3
-46/-47																			13		1
-48/-49																			9		
-50/-51																			6		
-52/-53																			8		
-54/-55																			7		1
TOTAL	84.3	14.9	.4	.4															930		762
																		763		763	

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.	4292692	56812	74.6	8.654	762							
Dry Bulb	542614	-13774	-17.0	17.207	930	79.8	92.7					93
Wet Bulb	239633	-8877	-11.6	13.377	763	77.3	93.0					93
Dew Point	386041	-13217	-17.3	14.354	762	81.3	93.0					93

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
34/ 33	.1																	1	1	1	
32/ 31	.1	.4																4	4	2	2
30/ 29	.4	.1	.4															7	7	6	3
28/ 27		.3	.1															3	3		4
26/ 25	.3	.1																3	3	9	1
24/ 23																					2
22/ 21																					1
20/ 19	.3	.1																3	3	2	2
18/ 17		.3																2	2	1	4
16/ 15	.3																	2	2	4	1
14/ 13	.1	.4																4	4	4	1
12/ 11	.9	.5																11	11	9	3
10/ 9	1.6	.7																17	17	18	4
8/ 7	1.8	1.2																23	23	21	11
6/ 5	1.5	1.6																23	23	22	15
4/ 3	2.0	.8																21	21	21	22
2/ 1	.8	.7																11	11	12	16
0/ -1	2.2	.1																18	18	20	20
-2/ -3	3.6	.5																31	31	30	15
-4/ -5	5.2	1.2																48	48	46	19
-6/ -7	3.3	.9																32	32	33	19
-8/ -9	4.0																	30	30	33	31
-10/-11	6.7	.4																54	54	51	37
-12/-13	5.8	.7																49	49	51	44
-14/-15	5.0	.7																43	43	43	29
-16/-17	6.3	.3																50	50	51	37
-18/-19	5.7	.1																44	44	44	52
-20/-21	5.5	.3																44	44	43	42
-22/-23	3.8																	29	29	30	51
-24/-25	4.8	.3																38	38	37	41
-26/-27	3.4	.1																27	27	27	39
-28/-29	2.6	.1																21	21	22	39
-30/-31	2.9																	22	22	22	28
-32/-33	2.9																	22	23	22	28

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JAN MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-34/-35	2.4	.1																19	27	18	29
-36/-37	.1																	1	29	2	22
-38/-39																			19		18
-40/-41																			27		15
-42/-43																			29		2
-44/-45																			17		4
-46/-47																			8		
-48/-49																			6		3
-50/-51																			16		
-52/-53																			7		
-54/-55																			4		
-56/-57																			3		
TOTAL	2.5	12.9	.5															757	930	757	756

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.	4294317	56623	74.9	8.407	756							
Dry Bulb	558054	-16080	-17.3	17.362	930	79.5	92.9					93
Wet Bulb	238808	-8842	-11.7	13.389	757	76.8	92.9					93
Dew Point	379845	-13061	-17.3	14.291	756	81.7	93.0					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37					.1													1	1		
34/ 33			.1															1	1		
32/ 31		.3																2	2	1	
30/ 29		.3																7	2	4	
28/ 27		.3	.1															3	3	2	3
26/ 25			.1															1	1	1	2
24/ 23	.4	.1																4	4	5	2
22/ 21		.1																1	1	1	3
20/ 19																				1	1
18/ 17	.1	.5																5	5	1	2
16/ 15	.5	.4																7	7	8	1
14/ 13		.9																7	7	6	3
12/ 11	.4	.7																8	8	10	4
10/ 9	.8	1.3																16	16	11	8
8/ 7	1.4	1.1																19	19	22	5
6/ 5	1.8	1.4																25	25	24	12
4/ 3	2.1	.8																22	22	24	16
2/ 1	1.1	.8																14	14	13	18
0/ -1	2.1	.7																21	21	24	25
-2/ -3	2.9	.9																29	29	26	23
-4/ -5	3.8	1.2																38	38	37	18
-6/ -7	3.7	1.2																37	37	37	18
-8/ -9	4.0	.9																37	37	38	26
-10/-11	5.4	.9																48	48	49	23
-12/-13	6.6	1.1																58	58	57	47
-14/-15	6.6	.3																52	52	55	34
-16/-17	6.3	.4																51	51	52	42
-18/-19	4.2	.4																35	35	35	61
-20/-21	5.0	.3																42	42	40	45
-22/-23	3.8	.1																30	30	31	53
-24/-25	4.7																	36	36	37	46
-26/-27	2.8																	21	21	21	33
-28/-29	4.0	.3																32	32	30	27
-30/-31	4.0																	30	31	32	37

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

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) JAN (MONTH)

PAGE 2 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-32/-33	1.7	.4																16	17	14	29
-34/-35	1.1																	8	24	10	27
-36/-37																			25		24
-38/-39																			22		13
-40/-41																			33		14
-42/-43																			26		4
-44/-45																			9		5
-46/-47																			11		2
-48/-49																			8		2
-50/-51																			9		1
-52/-53																			6		
-54/-55																			3		
-56/-57																			1		
TOTAL	31.	318.2	.4		.1														930		759
																		759		759	

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.	4096784	55316	72.9	9.285	759							
Dry Bulb	526241	-15663	-16.8	16.808	930	79.2	92.8					93
Wet Bulb	225705	-8727	-11.5	12.860	759	76.6	93.0					93
Dew Point	380115	-13421	-17.7	13.725	759	83.2	93.0					93

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JAN MONTH

PAGE 1 | 1200-1600 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43				.1														1	1		
40/ 39				.1														1	1		
38/ 37				.2	.1													3	3	1	
34/ 33																				1	
32/ 31			.2															2	2	3	1
30/ 29		.2																2	2		
28/ 27		.1	.1															2	2	5	
26/ 25																				1	1
24/ 23		.1																1	1		2
22/ 21	.1	.2	.2															5	5	4	4
20/ 19	.1	.5																5	5	2	4
18/ 17	.4	.1																4	4	0	4
16/ 15	.1	.5																5	5	3	2
14/ 13	.2	1.2																12	12	10	3
12/ 11	.4	.9																11	11	11	5
10/ 9	1.4	1.3																23	23	17	4
8/ 7	.6	1.3																16	16	17	16
6/ 5	1.9	1.2																26	26	31	10
4/ 3	1.8	.5																19	19	20	11
2/ 1	1.4	.6																17	17	17	20
0/ -1	2.7	1.4																35	35	33	26
-2/ -3	3.2	1.4																39	39	36	25
-4/ -5	3.9	.9																41	41	46	29
-6/ -7	3.6	.9																39	39	36	15
-8/ -9	4.9	1.1																51	51	52	29
-10/-11	5.8	.9																57	57	57	44
-12/-13	3.4	.4																32	32	36	49
-14/-15	6.0	.7																57	57	56	44
-16/-17	4.8	.2																43	43	43	40
-18/-19	3.8	.2																34	34	36	55
-20/-21	5.3	.1																46	46	45	48
-22/-23	4.5	.2																40	40	41	42
-24/-25	3.5	.2																32	32	32	39
-26/-27	3.5	.4																33	33	32	45

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JAN MONTH

PAGE 2 | 1200-1400 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29	4.2	.2																38	38	37	26
-30/-31	4.7	.1																41	43	42	45
-32/-33	2.3																	20	23	21	34
-34/-35	2.2																	19	32	19	36
-36/-37																			25		44
-38/-39																			10		21
-40/-41																			5		18
-42/-43																			8		3
-44/-45																			8		7
-46/-47																			3		1
-48/-49																			1		
TOTAL	30.6	18.2	.6	.5	.1														930		852
																		852		852	

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.	4477909	61299	71.9	8.914	852							
Dry Bulb	390862	-12672	-13.6	15.326	930	77.5	92.5					93
Wet Bulb	271883	-9903	-11.6	13.573	852	76.4	92.8					93
Dew Point	444988	-15360	-18.0	14.054	852	83.5	93.0					93

2

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON N/T DOT (STATION NAME) 57-66 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45				.1														1	1		
44/ 43				.2														2	2		
40/ 39				.2	.1													3	3	1	
38/ 37			.1	.1														2	2	2	
34/ 33																				4	
32/ 31			.2															2	2	1	2
30/ 29			.1															1	1		2
28/ 27																				2	
26/ 25		.2	.1															3	3	1	
24/ 23		.2																2	2	4	3
22/ 21	.2	.5																6	6	5	4
20/ 19	.3	.3	.2															8	8	6	6
18/ 17	.2	.6																7	7	10	6
16/ 15	.1	.5																5	5	3	4
14/ 13	.1	.2																3	3	4	5
12/ 11	.3	.1																4	4	5	3
10/ 9	1.2	.8																17	17	14	5
8/ 7	1.2	1.6																24	24	17	7
6/ 5	2.1	1.4																30	30	37	12
4/ 3	.6	.9																13	13	12	11
2/ 1	1.0	.7																15	15	18	23
0/ -1	3.3	.9																36	36	34	22
-2/ -3	3.3	1.5																41	41	38	14
-4/ -5	4.4	.7																44	44	48	28
-6/ -7	4.2	.8																43	43	41	28
-8/ -9	3.6	1.2																41	41	40	38
-10/-11	5.6																	48	48	54	40
-12/-13	4.7	.5																44	44	43	39
-14/-15	4.9	.5																46	46	45	42
-16/-17	5.0	.1																44	44	46	41
-18/-19	5.2																	45	45	45	49
-20/-21	5.0	.3																46	46	45	39
-22/-23	4.3																	37	37	38	46
-24/-25	3.6	.5																35	35	31	56

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

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT CAN STATION NAME | 57-66 YEARS | JAN MONTH

 1500-1700 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-26/-27	4.9	.1																43	43	46	46
-28/-29	4.0	.2																36	36	36	27
-30/-31	5.6	.1																49	50	49	42
-32/-33	1.7																	15	15	16	32
-34/-35	2.2																	19	23	19	36
-36/-37																			17		45
-38/-39																			13		23
-40/-41																			19		18
-42/-43																			4		5
-44/-45																			4		5
-46/-47																			3		4
-48/-49																			5		1
-52/-53																					1
TOTAL	82.8	15.6	.8	.7	.1													860	930	860	860

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.	4592284	62308	72.5	9.529	860							
Dry Bulb	403121	-12759	-13.7	15.669	930	78.2	92.2					93
Wet Bulb	286544	-10176	-11.8	13.907	860	77.2	92.2					93
Dew Point	466009	-15609	-18.2	14.584	860	82.9	93.0					93

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 — STATION

FORT SIMPSON NWT DOT — STATION NAME

57-66 — YEARS

JAN — MONTH

PAGE 1

1800-2000 — HOURS (L.S.T.)

Temp. F	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43				.1	.1													2	2		
42/ 41					.2													2	2		
40/ 39				.1	.2													3	3		
38/ 37																				1	
36/ 35			.1															1	2	1	
34/ 33		.1	.2															3	3	5	
32/ 31																				2	
30/ 29		.2																2	2	2	1
28/ 27		.1																1	1	2	1
26/ 25		.1																1	1	1	3
24/ 23	.1																	1	1	2	6
22/ 21	.2	.2																4	4	4	4
20/ 19	.2	.5	.1															7	7	3	4
18/ 17	.4	.6																8	8	8	2
16/ 15	.4	.4																6	6	10	3
14/ 13	.3	.2																6	6	5	10
12/ 11	.4	.1																4	4	4	4
10/ 9	1.2	.1																11	11	11	7
8/ 7	1.3	1.0																19	19	16	3
6/ 5	2.3	.4																22	22	25	10
4/ 3	1.3	.2																13	13	13	14
2/ 1	1.8	1.1																24	24	20	26
0/ -1	1.7	.9																21	21	23	11
-2/ -3	2.8	.4																26	26	28	16
-4/ -5	5.1	1.5																54	55	49	15
-6/ -7	4.4	.4																39	39	49	26
-8/ -9	3.8	.9																38	38	34	33
-10/-11	4.4	.5																40	40	41	36
-12/-13	6.4	.2																55	55	57	45
-14/-15	5.0	.7																47	47	47	37
-16/-17	3.8	.4																34	34	33	50
-18/-19	5.7	.2																49	49	50	47
-20/-21	7.3	.6																65	65	64	39
-22/-23	4.3	.1																36	36	38	49

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

20210 — STATION NUMBER
FORT SIMPSON N&T ORT — STATION NAME
57-66 — YEARS
JAN — MONTH

PAGE 2
1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-24/-25	2.7	.1																23	23	23	55
-26/-27	4.0	.2																35	35	34	43
-28/-29	4.3	.2																37	37	37	21
-30/-31	4.0																	33	33	34	31
-32/-33	2.9	.4																27	27	25	30
-34/-35	2.7	.1																23	27	25	40
-36/-37																			24		41
-38/-39																			12		14
-40/-41																			24		15
-42/-43																			16		6
-44/-45																			7		10
-46/-47																			7		8
-48/-49																			6		5
-50/-51																			6		1
TOTAL	25.4	13.3	.5	.2	.6													822	930	822	822

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.	4483458	60144	73.2	10.046	822							
Dry Bulb	469203	-14243	-15.3	16.440	930	78.9	91.8					93
Wet Bulb	282830	-10090	-12.3	13.915	822	77.7	92.2					93
Dew Point	460100	-15122	-18.4	14.885	822	81.9	93.0					93

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) JAN (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47						.1												1	1		
46/ 45						.1												1	1		
40/ 39				.1														1	1		
38/ 37				.3														2	2	1	
36/ 35				.1														1	1	1	
34/ 33																				1	
32/ 31		.3	.1															3	3	2	
30/ 29		.1																1	1	4	
28/ 27	.1	.4																4	4	4	1
26/ 25	.3																	2	2	3	7
24/ 23		.3																2	2		5
22/ 21	.1	.3																3	3	5	3
20/ 19	.3	.3																4	4	2	4
18/ 17	.8	.4																9	9	9	3
16/ 15	.5	.4																7	7	6	6
14/ 13	.5	.5																8	8	7	8
12/ 11	.3	.4																5	5	9	5
10/ 9	.5	.4																7	7	5	5
8/ 7	1.3	.3																12	12	13	3
6/ 5	2.3	1.0																26	26	25	5
4/ 3	1.8	.5																18	18	19	17
2/ 1	1.4	.5																15	15	14	19
0/ -1	1.4	1.1																20	20	15	17
-2/ -3	2.3	.9																25	25	28	13
-4/ -5	4.2	1.6																46	46	45	17
-6/ -7	3.6	.6																33	35	35	15
-8/ -9	4.1	.5																36	37	36	30
-10/-11	5.3	.6																47	47	48	47
-12/-13	6.3	.9																57	57	56	35
-14/-15	5.1	.5																44	44	46	39
-16/-17	4.7	.1																38	38	39	40
-18/-19	7.5	.4																62	62	60	36
-20/-21	6.0																	47	47	49	54
-22/-23	3.7	.3																31	31	30	59

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

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JAN MONTH

PAGE 2 | 2100-2300 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-24/-25	4.4	.1																36	36	37	48
-26/-27	3.9	.1																32	32	32	32
-28/-29	4.4	.1																36	36	35	29
-30/-31	3.2	.5																29	29	27	27
-32/-33	3.4																	27	27	30	47
-34/-35	1.3																	10	19	10	30
-36/-37																			25		26
-38/-39																			12		16
-40/-41																			27		17
-42/-43																			19		7
-44/-45																			14		7
-46/-47																			19		3
-48/-49																			5		1
-50/-51																			5		
-52/-53																			4		1
-54/-55																					4
TOTAL	84.8	14.3	.1	.5		.3												788	930	788	788

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4342260	57948	73.510	10.137	788							
Dry Bulb	511392	-15230	-16.416	16.793	930	79.8	92.4					93
Wet Bulb	263867	-9579	-12.213	13.687	788	77.7	92.6					93
Dew Point	436284	-14332	-18.214	14.938	788	82.3	93.0					93

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT OUT STATION NAME | 57-66 YEARS | FEB MONTH

PAGE 1 | 0000-0200 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
34/ 33		.1	.5															5	5	1	
32/ 31				.1														1	1	1	
30/ 29		.1																1	1	3	1
28/ 27		.1																1	1	3	1
26/ 25	.1																	1	1	1	2
24/ 23		.1																1	1		3
22/ 21	.4	.3																5	5	6	1
20/ 19	.3	.1																3	3	2	5
18/ 17	.5	.5																8	8	5	3
16/ 15	.4	.1																4	4	7	4
14/ 13	1.3																	10	10	11	6
12/ 11	1.8	.8																20	20	18	6
10/ 9	.8	.6																11	11	9	15
8/ 7	2.6	.3																23	23	26	14
6/ 5	2.9	.4																26	26	25	14
4/ 3	3.5	.8																34	34	34	17
2/ 1	3.4	.4																30	30	31	24
0/ -1	1.8	.3																16	16	15	28
-2/ -3	3.5	.8																34	34	33	28
-4/ -5	2.9	1.3																33	33	32	18
-6/ -7	5.1	1.5																53	53	47	24
-8/ -9	4.4	.8																41	41	47	27
-10/-11	4.6	.3																39	39	41	38
-12/-13	4.9	.6																44	44	42	37
-14/-15	6.3	.5																54	54	56	31
-16/-17	5.1	.8																47	47	45	52
-18/-19	3.5	1.5																40	40	38	36
-20/-21	3.0	.4																27	27	32	46
-22/-23	3.9	.5																35	35	33	45
-24/-25	4.4	.1																36	36	38	26
-26/-27	5.1	.1																42	42	43	38
-28/-29	2.9	.3																25	25	24	26
-30/-31	2.8	.1																23	25	23	46
-32/-33	1.4																	11	12	12	43

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-34/-35	1.6																	13	15	13	34
-36/-37																			13		18
-38/-39																			11		14
-40/-41																			12		17
-42/-43																			2		3
-44/-45																			2		1
-46/-47																			4		1
-50/-51																					1
-54/-55																					2
-60/-61																					1
TOTAL	1.6	14.3	.5	.1														846			797
																	797		797		

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.	4449848	58958	74.0	10.540	797							
Dry Bulb	304061	-10067	-11.9	14.767	846	65.7	83.5					84
Wet Bulb	228977	-8295	-10.4	13.387	797	64.7	83.9					84
Dew Point	388995	-13057	-16.4	14.831	797	71.8	84.0					84

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41			.4															2	2		
38/ 37	.3																	2	2	4	1
36/ 35	.1																	1	1	1	1
34/ 33			.1															1	1		3
32/ 31																				1	
26/ 25			.1															1	1		
24/ 23			.1															1	1		1
22/ 21		.1																1	1	1	
20/ 19	.3	.3																4	4	5	
18/ 17	.4	.8																9	9	4	2
16/ 15	.1																	1	1	7	3
14/ 13	.5																	4	4	4	4
12/ 11	1.4	.8																17	17	13	6
10/ 9	2.0	.3																18	18	21	5
8/ 7	2.3	.1																19	19	19	17
6/ 5	2.7	1.1																30	30	24	22
4/ 3	3.6	1.0																36	36	38	17
2/ 1	1.9	.1																16	16	20	25
0/ -1	2.0	.3																18	18	17	32
-2/ -3	3.2	.3																27	27	28	22
-4/ -5	3.2	.9																32	32	32	16
-6/ -7	5.1	.8																46	46	42	19
-8/ -9	4.7	1.1																46	46	45	21
-10/-11	5.5	.9																50	50	50	31
-12/-13	4.1	.8																38	38	40	43
-14/-15	5.6	1.1																53	53	53	37
-16/-17	4.7	.4																40	40	44	36
-18/-19	3.8	.9																37	37	35	46
-20/-21	3.9	.4																34	34	36	39
-22/-23	4.7																	37	37	37	46
-24/-25	4.2																	33	33	33	33
-26/-27	4.1	.5																36	36	34	40
-28/-29	4.8	.3																40	40	41	35
-30/-31	3.9																	31	31	32	29

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
FEB — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-32/-33	2.2	.1																18	18	17	33
-34/-35	1.0	.1																9	11	10	38
-36/-37																			16		27
-38/-39																			13		23
-40/-41																			9		21
-42/-43																			7		5
-44/-45																			5		4
-46/-47																			4		3
-48/-49																			2		
-52/-53																					1
-56/-57																					1
TOTAL	86.0	13.3	.6															846			788
																		788		788	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4341582	57864	73.4	10.844	788							
Dry Bulb	336153	-11201	-13.2	14,910	846	67.8	83.4					84
Wet Bulb	242791	-9009	-11.4	13.328	788	66.7	83.5					84
Dew Point	415135	-13829	-17.5	14.803	788	72.6	83.5					84

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) FEB (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41			.1															1	1		
40/ 39		.1	.3															3	3		
38/ 37	.1		.1															2	2	4	1
36/ 35																				2	1
34/ 33																					2
32/ 31																					2
18/ 17	.4	.5																7	7	3	
16/ 15	.3	.3																4	4	7	1
14/ 13	.3																	2	2	5	3
12/ 11	.9	.5																11	11	7	3
10/ 9	1.8	.1																15	15	19	9
8/ 7	1.9	.4																18	18	18	8
6/ 5	2.8	.6																27	27	24	20
4/ 3	3.1	1.0																32	32	31	20
2/ 1	3.0	.5																27	27	30	19
0/ -1	2.3	.3																20	20	20	22
-2/ -3	3.7	.5																33	33	33	26
-4/ -5	3.6	.5																32	32	31	31
-6/ -7	5.4	.8																48	48	36	19
-8/ -9	3.6	.5																32	32	33	19
-10/-11	3.3	1.0																34	34	34	39
-12/-13	5.0	.6																44	44	44	46
-14/-15	5.5	1.3																53	53	47	18
-16/-17	5.1	.3																42	42	49	24
-18/-19	6.3	.8																55	55	52	44
-20/-21	4.8	.3																39	39	43	53
-22/-23	3.6	.5																32	32	31	49
-24/-25	5.7	.1																45	45	47	42
-26/-27	4.6	.4																39	39	37	41
-28/-29	2.3	.5																22	22	21	33
-30/-31	2.8	.1																23	23	26	45
-32/-33	2.4	.3																21	21	20	32
-34/-35	1.8																	14	21	19	18
-36/-37																			21		14

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-38/-39																			15		32
-40/-41																			9		23
-42/-43																			7		7
-44/-45																			2		5
-46/-47																			3		4
-48/-49																			3		1
-50/-51																			2		1
TOTAL	6	12	9	5														777	846	777	777

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.	4268526	57010	73.4	10.502	777							
Dry Bulb	349757	-11937	-14.1	14.649	846	69.2	83.4					84
Wet Bulb	241382	-9326	-12.0	12.916	777	68.0	83.4					84
Dew Point	414517	-14067	-18.1	14.352	777	74.4	83.6					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39				.4	.1													4	4		
38/ 37	.1		.1															2	2	1	
36/ 35																					1
34/ 33																				5	
30/ 29																					1
28/ 27		.2																2	2		
26/ 25																				2	1
24/ 23		.1																1	1		1
22/ 21		.2																2	2	2	2
20/ 19	.1	.1																2	2	2	2
18/ 17	.2	.9	.1															10	10	4	2
16/ 15		.1																1	1	8	1
14/ 13	.4	.2																5	5	3	6
12/ 11	.7	1.0																14	14	10	5
10/ 9	1.6	.4																16	16	20	4
8/ 7	1.7	1.0																22	22	19	8
6/ 5	1.8	1.0																23	23	23	20
4/ 3	2.0	1.8																31	31	29	20
2/ 1	2.1	1.3																28	28	27	15
0/ -1	2.7	1.2																32	32	36	28
-2/ -3	3.1	2.0																41	41	35	18
-4/ -5	3.9	.7																38	38	45	31
-6/ -7	3.2	1.1																35	35	33	31
-8/ -9	3.3	1.2																37	37	36	40
-10/-11	4.3	.7																41	41	42	35
-12/-13	5.6	1.0																54	54	54	35
-14/-15	5.1	1.0																50	50	49	21
-16/-17	7.1	.5																62	62	66	41
-18/-19	4.0	1.2																43	43	39	42
-20/-21	4.2	.7																40	40	42	54
-22/-23	4.4	.5																40	40	41	54
-24/-25	2.9	.6																29	29	31	43
-26/-27	3.7	.5																34	34	33	45
-28/-29	3.1	.4																28	28	30	29

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
FEB — MONTH

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-30/-31	2.6	.1																22	22	21	42
-32/-33	2.1	.1																18	18	19	27
-34/-35	1.2	.1																11	15	11	36
-36/-37																			11		26
-38/-39																			4		22
-40/-41																			3		14
-42/-43																					8
-44/-45																			1		2
-46/-47																					3
-48/-49																			3		1
-50/-51																			1		
-52/-53																			1		1
TOTAL	77.1	22.1	.2	.4	.1													818	846	818	818

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.	4269381	38463	71.5	10.553	818							
Dry Bulb	280221	-9961	-11.8	13.886	846	67.8	83.4					84
Wet Bulb	235684	-9078	-11.1	12.852	818	68.1	83.4					84
Dew Point	413806	-14462	-17.7	14.000	818	74.9	83.9					84

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41					.2													2	2		
40/ 39			.1	.6														6	6		
38/ 35			.1	.4														4	4	3	
34/ 33			.1															1	1	5	
32/ 31			.1															1	1	2	
30/ 29																				4	1
28/ 27		.1																1	1		2
26/ 25		.1																1	1	1	3
24/ 23		.1	.1															2	2	2	5
22/ 21	.1	.7	.4															10	10	4	3
20/ 19		.2	.1															3	3	8	4
18/ 17	.6	.7																11	11	10	
16/ 15	.4	.7																9	9	8	10
14/ 13	.6	1.4																17	17	15	6
12/ 11	1.3	1.2																21	21	23	7
10/ 9	1.0	1.4																20	20	19	11
8/ 7	2.1	1.1																27	27	26	22
6/ 5	3.4	1.8																44	44	41	19
4/ 3	2.3	1.0																27	27	31	23
2/ 1	2.4	2.3																39	39	33	31
0/ -1	2.5	2.1																39	39	42	24
-2/ -3	4.2	1.5																48	48	49	33
-4/ -5	3.2	1.3																38	38	39	36
-6/ -7	3.7	2.4																51	51	42	36
-8/ -9	3.9	2.3																52	52	56	37
-10/-11	5.6	1.8																62	62	60	50
-12/-13	7.5	1.3																74	74	82	41
-14/-15	5.8	.8																56	56	59	41
-16/-17	3.6	1.3																41	41	38	41
-18/-19	3.0	.8																32	32	32	57
-20/-21	3.4	1.0																37	37	42	69
-22/-23	2.4	.4																23	23	20	50
-24/-25	2.1	.1																19	19	22	56
-26/-27	1.2																	10	10	10	37

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26210 — STATION
FORT STHPSON NWT DOT — STATION NAME
57-66 — YEARS
FEB — MONTH

PAGE 2 — 1200-1400 HOURS L.S.T.

Temp. °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29	.1																	1	1	1	28
-30/-31	.8																	7	7	7	21
-32/-33	.2																	2	2	2	17
-34/-35	.5																	4	4	4	16
-36/-37																			1		8
-38/-39																			1		5
-40/-41																			1		8
-42/-43																			1		1
-46/-47																					1
TOTAL	97.8	29.9	1.1	1.0	.2														846		842
																		842		842	

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.	4342436	59766	71.0	10.916	842							
Dry Bulb	169909	-4845	-5.7	12.971	846	59.6	82.7					84
Wet Bulb	158587	-5037	-6.0	12.359	842	60.6	83.2					84
Dew Point	290654	-10746	-12.8	13.510	842	69.1	84.0					84

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT OUT (STATION NAME) 57-66 (YEARS) FEB (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39				.5	.1													5	5		
38/ 37			.1	.4														4	4		
36/ 35			.2	.1														3	3	3	
34/ 33			.1															1	1	5	
32/ 31																				4	
30/ 29																				1	
28/ 27		.2																2	2	1	5
26/ 25	.2	.1																3	3	3	5
24/ 23		.4																3	3	2	2
22/ 21	.1	.7	.1															8	8	7	4
20/ 19	.2	1.1																11	11	6	3
18/ 17	.5	1.2																14	14	15	8
16/ 15	.5	.9																12	12	11	7
14/ 13	.7	1.3																17	17	19	10
12/ 11	.9	1.7																22	22	19	8
10/ 9	.8	1.3																18	18	21	13
8/ 7	1.9	1.8																31	31	28	26
6/ 5	3.3	1.8																43	43	46	17
4/ 3	2.6	1.8																37	37	34	20
2/ 1	3.1	2.0																43	43	45	36
0/ -1	2.6	2.0																39	39	38	36
-2/ -3	5.4	.9																54	54	56	36
-4/ -5	2.4	1.9																36	36	30	34
-6/ -7	5.1	1.8																58	58	64	39
-8/ -9	4.8	2.4																61	61	58	51
-10/-11	8.3	1.7																84	84	87	42
-12/-13	5.8	.9																57	57	58	40
-14/-15	5.1	.7																49	49	51	57
-16/-17	2.7	.9																31	31	29	63
-18/-19	2.1	.8																25	25	26	51
-20/-21	2.6																	22	22	26	52
-22/-23	1.4	.2																14	14	12	37
-24/-25	1.8	.4																18	18	20	45
-26/-27	.8	.1																9	8	8	26

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26210 FORT SIMPSON NWT CDT 57-66 FEB

STATION NAME YEARS MONTH

PAGE 2 1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29	.6	.1																6	6	6	19
-30/-31																					16
-32/-33	.2																	2	2	2	8
-34/-35	.6																	5	5	5	11
-36/-37																					3
-38/-39																					3
-40/-41																					7
-42/-43																					2
-44/-45																					1
-46/-47																					3
TOTAL	7.3	1.1	.6	.9	.1													846	846	846	846

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.	4490324	60990	72.1	10.515	846							
Dry Bulb	149492	-3506	-4.1	12.639	846	56.5	82.7					84
Wet Bulb	143985	-3851	-4.6	12.233	846	57.2	83.2					84
Dew Point	254634	-9354	-11.1	13.377	846	67.7	84.0					84

USAFETAC FORM 0-26-5 (OL-A) 7/64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION — FORT SIMPSON NWT DOT STATION NAME — 57-66 YEARS — FEB MONTH

PAGE 1 — 1800-2000 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39				.2														2	2		
36/ 35			.1															1	1		
34/ 33				.1	.1													2	2	2	
32/ 31			.1															1	1	1	
30/ 29		.2																2	2		
28/ 27	.2	.1	.1															4	4	7	3
26/ 25		.4																3	3	2	3
24/ 23	.1																	1	1	4	2
22/ 21	.1	.5																5	5	2	2
20/ 19		.7																6	6	6	3
18/ 17	.8	.5																11	11	12	7
16/ 15	.1	.2																3	3	3	9
14/ 13	.8	.6																12	12	10	6
12/ 11	1.9	.7																22	22	23	7
10/ 9	1.7	.5																18	18	17	14
8/ 7	2.0	.7																23	23	24	22
6/ 5	3.5	2.0																46	46	42	16
4/ 3	2.5	.5																25	25	29	16
2/ 1	3.8	1.0																40	40	38	31
0/ -1	2.9	1.6																37	37	34	27
-2/ -3	4.6	1.0																46	46	51	28
-4/ -5	4.3	1.2																46	46	46	35
-6/ -7	5.0	.7																48	48	47	44
-8/ -9	3.4	.8																35	35	36	41
-10/-11	4.7	.8																46	46	48	38
-12/-13	5.6	1.6																60	60	54	44
-14/-15	5.6	.2																49	49	56	35
-16/-17	5.0	.6																47	47	44	34
-18/-19	3.7	.6																36	36	36	49
-20/-21	5.2	.4																46	46	48	48
-22/-23	3.4	.4																31	31	31	52
-24/-25	2.3	.2																21	21	21	46
-26/-27	2.9	.1																25	25	26	42
-28/-29	.8																	7	7	7	24

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-30/-31	1.3																	11	11	11	28
-32/-33	1.3																	11	11	11	27
-34/-35	.5	.1																5	6	5	21
-36/-37																			5		9
-38/-39																			4		10
-40/-41																			1		5
-42/-43																					3
-44/-45																			1		1
-50/-51																					1
-52/-53																					1
TOTAL	10.2	18.9	.4	.4	.1													834	846	834	834

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. L	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4653011	61773	74.1	9.651	834							
Dry Bulb	204782	-6572	-7.8	13.488	846	61.5	83.5					84
Wet Bulb	185454	-6314	-7.6	12.855	834	61.6	83.8					84
Dew Point	316834	-11294	-13.5	14.027	834	69.8	84.0					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | FEB MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35			.1	.1														2	2		
32/ 31																				1	
30/ 29		.2	.2															4	4	1	
28/ 27		.1																1	1	2	2
26/ 25	.2	.4																5	5	6	1
24/ 23	.1	.1																2	2	3	3
22/ 21		.5																4	4	2	4
20/ 19		.5																4	4	3	3
18/ 17	.5	.4																7	7	9	3
16/ 15	.6																	5	5	7	6
14/ 13	.6	.9																12	12	6	8
12/ 11	2.6	.4																24	24	29	4
10/ 9	1.0	.7																14	14	14	15
8/ 7	2.2	1.0																26	26	22	19
6/ 5	3.2	1.0																34	34	34	18
4/ 3	3.1	1.0																33	33	35	22
2/ 1	2.7	.9																29	29	28	30
0/ -1	2.5	.7																26	26	27	24
-2/ -3	3.4	1.8																43	43	39	25
-4/ -5	3.7	1.0																38	38	43	33
-6/ -7	6.0	1.0																57	57	55	29
-8/ -9	4.2	1.0																42	42	40	37
-10/-11	3.2	1.0																34	34	37	31
-12/-13	4.9	.4																43	43	43	45
-14/-15	5.1	1.1																51	51	52	37
-16/-17	4.7	.9																45	45	43	33
-18/-19	2.8	.2																25	25	29	32
-20/-21	4.0	.2																35	35	33	54
-22/-23	5.0	.2																43	43	44	41
-24/-25	4.5	.2																39	39	40	32
-26/-27	4.2	.1																35	35	35	42
-28/-29	2.1																	17	17	17	33
-30/-31	2.1																	17	17	17	39
-32/-33	2.0																	16	16	16	29

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | FEB MONTH

 2100-2300 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-34/-35	.5																	4	5	4	31
-36/-37																			17		24
-38/-39																			6		15
-40/-41																			3		8
-42/-43																					2
-44/-45																			2		
-46/-47																			1		
-54/-55																					1
-58/-59																					1
TOTAL	1.6	17.9	.4	.1														816	846	816	816
																		816		816	

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.	4567852	60528	74.2	9.789	816							
Dry Bulb	254811	-8351	-9.9	14.283	846	63.5	83.8					84
Wet Bulb	210252	-7376	-9.0	13.273	816	63.2	84.0					84
Dew Point	357472	-12218	-15.0	14.634	816	69.8	84.0					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DUT STATION NAME | 57-66 YEARS | MAR MONTH

PAGE 1 | 0000-0200 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45				.1	.1													2	2		
44/ 43				.1														1	1		
40/ 39			.3	.1														4	4	1	
38/ 37				.1														1	1	2	
36/ 35			.3															3	3	3	
34/ 33	.2	.1	.5															8	8	3	
32/ 31		.2	.3															5	5	6	4
30/ 29		.4	.2															6	6	7	4
28/ 27	.4	.2	.1															7	7	12	6
26/ 25		1.5																14	14	7	9
24/ 23	.2	1.2	.2															15	15	16	5
22/ 21	.2	1.3																14	14	11	17
20/ 19	.1	1.2																12	12	15	11
18/ 17	1.4	1.6																28	28	18	10
16/ 15	2.3	1.2																32	32	37	14
14/ 13	2.5	1.4																36	36	30	38
12/ 11	2.1	2.5																42	42	39	32
10/ 9	2.9	1.2																38	38	45	27
8/ 7	2.1	1.8																36	36	34	35
6/ 5	2.0	1.3																30	30	30	36
4/ 3	2.8	1.5																40	40	39	35
2/ 1	2.8	1.7																42	42	45	27
0/ -1	2.9	1.0																36	36	36	31
-2/ -3	3.9	1.4																49	49	52	38
-4/ -5	4.1	1.2																49	49	44	38
-6/ -7	4.7	.8																50	50	55	35
-8/ -9	4.5	.5																46	46	48	53
-10/-11	4.0	.9																45	45	43	41
-12/-13	4.2	.4																43	43	42	55
-14/-15	3.0	.4																32	32	39	44
-16/-17	2.9	.3																32	32	29	38
-18/-19	2.7	.2																27	27	30	50
-20/-21	2.5																	23	23	24	30
-22/-23	2.3																	21	21	21	24

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | MAR MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-24/-25	1.7	.1																17	17	17	37
-26/-27	1.1																	10	10	10	19
-28/-29	.8	.1																8	8	8	14
-30/-31	.9	.2																10	10	9	20
-32/-33	.4																	4	4	5	15
-34/-35	.2																	2	3	2	3
-36/-37																			8		12
-38/-39																			1		3
-40/-41																					4
-42/-43																					4
-44/-45																					1
-48/-49																					1
TOTAL	59.0	28.4	2.1	.4	.1													920	930	920	920

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5369080	69792	75.9	9.010	920							
Dry Bulb	2211886	-870	-.9	15.402	930	51.4	91.1					93
Wet Bulb	196731	-893	-1.0	14.599	920	51.6	92.1					93
Dew Point	260404	-5926	-6.4	15.551	920	61.7	93.0					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION — FORT SIMPSON NWT DOT STATION NAME — 57-66 YEARS — MAR MONTH

PAGE 1 — 0300-0900 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41				.1														1	1		
38/ 37		.4	.1															5	5		
36/ 35			.1															1	1	6	
34/ 33		.2																2	2		2
32/ 31																				3	4
30/ 29		.2	.5															7	7		1
28/ 27	.1	.5																6	6	7	2
26/ 25	.3	1.0	.1															13	13	10	3
24/ 23	.3	1.7																19	19	18	7
22/ 21	.1	.7																7	7	14	9
20/ 19	.3	.7																9	9	7	17
18/ 17	.8	1.9																24	24	19	14
16/ 15	1.5	1.4																27	27	32	8
14/ 13	1.5	1.6																29	29	25	23
12/ 11	2.4	1.4																35	35	42	28
10/ 9	2.7	1.3																37	37	33	24
8/ 7	3.1	1.6																43	43	45	40
6/ 5	2.5	.9																31	31	32	40
4/ 3	3.4	1.1																41	41	39	23
2/ 1	1.9	1.9																34	34	30	35
0/ -1	2.1	2.1																38	38	40	35
-2/ -3	3.5	1.5																46	46	47	27
-4/ -5	3.8	.9																43	43	46	29
-6/ -7	6.3	.5																63	63	63	43
-8/ -9	3.5	.5																37	37	38	41
-10/-11	2.6	.9																32	32	29	51
-12/-13	5.5	.9																58	58	61	59
-14/-15	3.9	.2																38	38	38	25
-16/-17	3.6	.4																37	37	37	31
-18/-19	2.3	.1																22	22	24	52
-20/-21	2.4	.3																25	25	23	50
-22/-23	2.6	.4																28	28	29	28
-24/-25	1.9	.2																19	19	20	29
-26/-27	1.7	.1																17	17	17	20

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | MAR MONTH

PAGE 2 | 0300-0500 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29	1.5	.1																15	15	14	17
-30/-31	1.5	.1																15	15	16	24
-32/-33	.8	.1																9	8	8	33
-34/-35	.4																	4	6	4	9
-36/-37																			6		13
-38/-39																			5		5
-40/-41																			1		4
-42/-43																					3
-44/-45																					4
-46/-47																					2
-48/-49																					1
-56/-57																					1
TOTAL	71.0	28.1	.9	.1														916	930	916	916

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5323754	69334	75.7	9.097	916							
Dry Bulb	230972	-3032	-3.3	15.427	930	55.9	92.1					93
Wet Bulb	205269	-2821	-3.1	14.658	916	56.2	92.4					93
Dew Point	299717	-7873	-8.6	15.925	916	64.6	92.8					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37			.1															1	1		
36/ 35		.3																3	3		
34/ 33	.1	.3	.1															5	5	5	
32/ 31		.2																2	2	3	1
30/ 29		.3	.5															8	8	3	5
28/ 27		.3	.2															5	5	5	1
26/ 25		1.1																10	10	9	3
24/ 23	.2	.9																10	10	16	5
22/ 21	.3	1.2																14	14	10	11
20/ 19	.1	.8																8	8	9	14
18/ 17	.3	.7																9	9	13	14
16/ 15	1.5	1.6																29	29	26	3
14/ 13	1.6	1.3																27	27	29	27
12/ 11	2.5	1.0																32	32	29	18
10/ 9	3.8	1.3																47	47	49	27
8/ 7	2.1	1.1																29	29	32	32
6/ 5	2.4	1.6																37	37	31	37
4/ 3	3.9	1.1																46	46	50	28
2/ 1	3.9	1.5																50	50	48	32
0/ -1	2.3	1.4																34	34	33	40
-2/ -3	3.5	.5																37	37	42	34
-4/ -5	4.3	1.2																50	50	49	38
-6/ -7	4.5	1.5																55	55	55	35
-8/ -9	3.7	.9																42	42	46	45
-10/-11	3.5	.7																38	38	40	37
-12/-13	4.1	.8																45	45	45	53
-14/-15	4.0	.4																41	41	41	41
-16/-17	3.5	.7																38	38	37	28
-18/-19	2.7	.3																28	28	30	48
-20/-21	2.2	.3																23	23	21	57
-22/-23	1.5	.2																16	16	19	31
-24/-25	2.7	.4																29	29	27	24
-26/-27	2.3																	21	21	23	20
-28/-29	1.3	.1																13	13	12	28

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | MAR MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-30/-31	1.7	.1																17	17	17	21
-32/-33	1.7																	16	16	17	25
-34/-35	.2																	2	4	2	15
-36/-37																			4		18
-38/-39																			5		9
-40/-41																			2		2
-42/-43																					3
-44/-45																					2
-48/-49																					3
-50/-51																					1
-54/-55																					1
TOTAL	72.7	26.3	1.0															930			917
																		917		917	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5331883	69441	75.7	8.950	917							
Dry Bulb	231826	-3634	-3.9	15.306	930	55.8	92.1					93
Wet Bulb	208330	-3438	-3.7	14.607	917	55.8	92.5					93
Dew Point	306893	-8537	-9.3	15.757	917	66.8	93.0					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26210 STATION | FORT STMPSON NWT DOT STATION NAME | 57-66 YEARS | MAR MONTH

PAGE 1 | 0900-1100 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43				.1														1	1		
42/ 41		.1		.3														4	4	1	
40/ 39			.7	.4	.2													8	8		1
38/ 37																				3	
36/ 35			.3	.3														6	6	5	
34/ 33			.4															4	4	4	
32/ 31		.3	.6															9	9	4	1
30/ 29		.1	.8															8	8	12	7
28/ 27		.9	.5															13	13	9	3
26/ 25		.6	.4															10	10	13	5
24/ 23		.6	.2															8	8	9	9
22/ 21	.2	1.3																14	14	14	17
20/ 19	.6	1.2	.2															19	19	19	13
18/ 17	.1	2.7	.1															27	27	20	12
16/ 15	1.4	3.4																45	45	42	14
14/ 13	2.0	2.7	.1															45	45	48	21
12/ 11	.9	4.1																46	46	40	40
10/ 9	1.5	3.8	.1															50	50	52	36
8/ 7	1.1	3.2																40	40	43	38
6/ 5	2.5	3.1																52	52	57	35
4/ 3	1.5	2.9																41	41	44	37
2/ 1	2.2	3.0																48	48	51	51
0/ -1	2.6	2.5																47	47	45	38
-2/ -3	3.6	2.2																53	53	50	41
-4/ -5	3.8	2.0																54	54	55	44
-6/ -7	4.1	1.0																47	47	57	40
-8/ -9	3.9	.9																44	44	46	55
-10/-11	3.2	.2																32	32	30	48
-12/-13	3.6	.8																42	42	43	69
-14/-15	2.8	.2																28	28	29	47
-16/-17	1.9	.1																19	19	19	39
-18/-19	1.4	.1																14	14	13	32
-20/-21	1.4	.4																17	17	16	24
-22/-23	1.0	.1																10	10	12	25

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210	FORT SIMPSON NWT DPT	57-66	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-24/-25	.9	.3																11	11	9	21
-26/-27	.3																	3	3	5	24
-28/-29	.1	.2																3	3	3	8
-30/-31	.4	.1																5	5	5	5
-32/-33	.2																	2	2	2	8
-34/-35																					6
-36/-37																			1		7
-38/-39																					2
-42/-43																					4
-44/-45																					1
-50/-51																					1
TOTAL	49.3	43.2	4.1	1.2	.2													930			929
																		929		929	

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.	4826818	66380	71.5	9.500	929							
Dry Bulb	190055	2269	2.4	14.093	930	43.2	90.7					93
Wet Bulb	164922	1622	1.7	13.378	929	43.9	91.7					93
Dew Point	212263	-4473	-4.8	14.337	929	59.0	92.9					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT UOT (STATION NAME) 57-66 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49						.1												1	1		
48/ 47				.1	.6	.5												12	12		
46/ 45			.2	.1	.4	.3												10	10		
44/ 43				.2	.2	.1												5	5		
42/ 41		.1		.3	.2													6	6	6	
40/ 39			.6	.3	.1	.1												9	9	10	
38/ 37			.3	.3														6	6	10	1
36/ 35			.4	.3														7	7	11	3
34/ 33		.1	.3	.1														5	5	8	2
32/ 31		.1	1.1	.1														12	12	11	3
30/ 29		.6	1.3															18	18	9	11
28/ 27		.5	.4															9	9	17	11
26/ 25		1.6	1.2															26	26	18	13
24/ 23	.2	1.0	1.2															22	22	24	16
22/ 21	.4	1.4	1.3															29	29	22	22
20/ 19	.1	4.1	1.2															50	50	32	17
18/ 17	1.0	4.1	.3															50	50	61	23
16/ 15	.8	6.0	.3															66	66	65	32
14/ 13	.4	4.8	.4															53	53	54	37
12/ 11	.6	4.2	.2															47	47	57	48
10/ 9	.6	4.6	.1															50	50	48	52
8/ 7	.6	4.6																49	49	52	40
6/ 5	1.0	4.0																46	46	50	46
4/ 3	1.6	3.4	.1															48	48	55	49
2/ 1	2.6	3.8																59	59	54	53
0/ -1	2.0	3.9																55	55	55	42
-2/ -3	1.9	1.3																35	35	49	41
-4/ -5	2.2	1.6																35	35	34	59
-6/ -7	2.4	.4																26	26	33	54
-8/ -9	1.9	1.0																27	27	23	53
-10/-11	1.1	1.2																21	21	21	43
-12/-13	1.0	.4																13	13	18	44
-14/-15	.8																	7	7	7	29
-16/-17	.3	.2																5	5	5	19

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2621[illegible] FORT SIMPSON NWT ODT (STATION NAME) 57-66 (YEARS) MAR (MONTH)

PAGE 2 1200-1400 (HOURS L.S.T.)

Temp. F	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-18/-19	.5	.5																10	10	10	17
-20/-21	.1																	1	1	1	12
-22/-23																					6
-24/-25																					10
-26/-27																					6
-28/-29																					4
-30/-31																					4
-32/-33																					3
-36/-37																					3
-38/-39																					2
TOTAL	24.2	60.2	10.9	1.9	1.6	1.2												930		930	
																	930		930		

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.	4298453	62363	67.1	10.990	929							
Dry Bulb	273797	9539	10.3	13.762	930	23.5	86.9					93
Wet Bulb	218266	8176	8.8	12.551	930	25.6	88.5					93
Dew Point	170540	1124	1.2	13.495	930	45.1	92.4					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55						.1	.1											2	2		
54/ 53						.1	.1											2	2		
52/ 51							.1											1	1		
50/ 49						.1												1	1		
48/ 47					1.0	.8												16	16		
46/ 45				.1	.6	.4												11	11	2	
44/ 43					.6	.2												8	8	1	
42/ 41			.1	.3	.4													8	8	2	
40/ 39			.3	.8														10	10	14	
38/ 37			.3	.3	.2													10	10	16	
36/ 35			.8	.3														10	10	14	
34/ 33		.1	.4															5	5	15	6
32/ 31		.4	.8	.1														12	12	14	3
30/ 29		.4	1.9	.1														23	23	12	14
28/ 27		.4	1.0															13	13	15	17
26/ 25		1.2	1.2	.1														23	23	24	18
24/ 23	.4	2.9	1.9															49	49	19	18
22/ 21	.3	1.7	.4															23	23	47	30
20/ 19	.3	4.4	.6															50	50	44	22
18/ 17	1.0	5.5	.5															65	65	70	28
16/ 15	.6	5.9	1.0															70	70	52	42
14/ 13	.3	2.6	.2															29	29	61	44
12/ 11	.2	5.5	.3															56	56	38	63
10/ 9	1.0	5.5	.1															61	61	65	38
8/ 7	1.2	3.4																43	43	63	45
6/ 5	1.2	3.1																40	40	31	46
4/ 3	1.7	3.3																47	47	49	54
2/ 1	3.4	3.5																65	65	74	48
0/ -1	1.8	2.2																37	37	40	43
-2/ -3	2.2	1.8																37	37	36	63
-4/ -5	1.7	1.0																25	25	30	52
-6/ -7	1.0	1.0																18	18	17	45
-8/ -9	1.4	.8																20	20	21	48
-10/-11	1.4	1.1																23	23	20	38

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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26210 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
MAR — MONTH

PAGE 2
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-12/-13	.4	.1																5	5	12	27
-14/-15	.4	.1																5	5	5	12
-16/-17	.5	.2																7	7	7	18
-18/-19																					12
-20/-21																					11
-22/-23																					6
-24/-25																					11
-26/-27																					5
-28/-29																					1
-30/-31																					1
-32/-33																					1
TOTAL	22.6	58.2	12.2	2.2	2.9	1.7	.3											930		930	
																		930		930	

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.	4376790	62920	67.7	11.360	930							
Dry Bulb	334390	11828	12.7	14.080	930	17.7	84.6					93
Wet Bulb	260039	10247	11.0	12.585	930	18.8	86.6					93
Dew Point	168834	3410	3.7	12.972	930	39.4	92.4					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | MAR MONTH

PAGE 1 | 1800-2000 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51						.2												2	2		
50/ 49						.1												1	1		
48/ 47					.2	.1												3	3		
46/ 45				.1														1	1		
44/ 43				.3	.4	.1												8	8	2	
42/ 41					.5													5	5	1	
40/ 39			.1	.6														7	7	3	
38/ 37			.4	.5														9	9	6	
36/ 35		.2	.6	.2														10	10	8	
34/ 33		.3	.4	.2														9	9	17	
32/ 31		.3	.4															7	7	11	4
30/ 29	.1	1.1	.8	.1														19	19	15	12
28/ 27		.8	.9															15	15	11	11
26/ 25	.2	1.0	.3															14	14	23	15
24/ 23	.1	1.8	.3															21	21	16	20
22/ 21	.3	2.7	.1															29	29	21	17
20/ 19	.6	3.7	.2															42	42	36	22
18/ 17	1.5	3.0	.1															43	43	56	25
16/ 15	1.6	4.7	.1															60	60	47	27
14/ 13	1.8	3.2																47	47	56	48
12/ 11	1.9	2.4	.1															41	41	46	51
10/ 9	3.0	2.5																51	51	56	35
8/ 7	2.8	2.7																51	51	47	53
6/ 5	2.8	3.8																61	61	57	54
4/ 3	1.6	1.4																28	28	40	44
2/ 1	3.0	1.9																46	46	45	37
0/ -1	4.1	2.7																63	63	62	46
-2/ -3	1.9	1.9																36	36	39	50
-4/ -5	4.5	1.6																57	57	56	51
-6/ -7	2.5	.6																29	29	34	46
-8/ -9	2.4	.3																25	25	28	55
-10/-11	1.6	.8																22	22	19	43
-12/-13	1.9	.1																19	19	22	41
-14/-15	1.1	.4																14	14	12	21

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
MAR — MONTH

PAGE 2
1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-16/-17	1.1																	10	10	13	24
-18/-19	.4	.2																6	6	6	19
-20/-21	1.0																	9	9	9	19
-22/-23	.6	.1																7	7	7	4
-24/-25	.2																	2	2	2	11
-26/-27																					6
-28/-29	.1																	1	1	1	6
-30/-31																					5
-32/-33																					2
-34/-35																					4
-36/-37																					1
-38/-39																					1
TOTAL	44.9	46.2	4.9	2.2	1.2	.5												930	930	930	930

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.	5068210	68028	73.1	9.955	930							
Dry Bulb	248948	7650	8.2	14.151	930	30.0	87.5					93
Wet Bulb	209226	6714	7.2	13.155	930	31.0	89.3					93
Dew Point	173896	1092	1.2	13.631	930	45.5	93.0					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | MAR MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47					.1													1	1		
46/ 45				.1	.1													2	2		
44/ 43				.1	.1													2	2		
42/ 41				.3	.1													4	4		
40/ 39			.2	.2	.1													5	5	3	
38/ 37			.3															3	3	2	
36/ 35		.1	.6	.2														9	9	9	
34/ 33	.1		.6															7	7	5	2
32/ 31		.5	.4															9	9	7	3
30/ 29	.1	.3	.1															5	5	14	9
28/ 27	.1	1.3	.1															14	14	9	8
26/ 25	.1	1.7	.8															24	24	16	10
24/ 23		1.3	.1															13	13	18	11
22/ 21		1.2																11	11	18	18
20/ 19	.9	2.0																27	27	21	22
18/ 17	1.7	2.3																37	37	38	12
16/ 15	1.4	2.3																34	34	37	28
14/ 13	2.4	2.8																48	48	40	32
12/ 11	1.8	2.0																36	36	46	35
10/ 9	3.3	2.7																56	56	50	33
8/ 7	3.2	1.7																46	46	51	42
6/ 5	2.5	2.5																46	46	44	45
4/ 3	2.4	1.7																38	38	44	30
2/ 1	2.2	1.3																32	32	30	37
0/ -1	3.7	.6																40	40	42	32
-2/ -3	3.6	1.3																45	45	46	48
-4/ -5	4.1	1.8																55	55	50	32
-6/ -7	5.1	.8																54	54	58	39
-8/ -9	3.6	.8																40	40	40	35
-10/-11	2.9	.4																31	31	34	47
-12/-13	3.8	.2																37	37	38	62
-14/-15	3.3	.4																35	35	33	36
-16/-17	2.8																	26	26	29	43
-18/-19	1.0																	9	9	9	31

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
MAR — MONTH
PAGE 2
2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-20/-21	.9	.1																9	9	9	30
-22/-23	.9	.4																12	12	10	27
-24/-25	.8	.1																8	8	10	20
-26/-27	.5	.1																6	6	6	13
-28/-29	.3	.1																4	4	4	4
-30/-31	.4																	4	4	4	2
-32/-33	.4																	4	4	4	9
-34/-35																			1		5
-36/-37																			1		7
-38/-39																					4
-40/-41																					2
-42/-43																					2
-44/-45																					1
TOTAL	90.1	35.0	3.3	1.0	.5													928	930	928	928

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.	5323156	69746	75.2	9.361	928							
Dry Bulb	218271	3089	3.3	14.964	930	42.1	89.7					93
Wet Bulb	194458	2584	2.8	14.213	928	42.7	91.1					93
Dew Point	218754	-2638	-2.8	15.096	928	53.2	92.8					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
APR — MONTH
PAGE 1
0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53						.1												1	1		
52/ 51					.1	.1												2	2		
48/ 47					.1													1	1		
46/ 45					.1	.1												2	2		
44/ 43																				?	
42/ 41				.1	.1													2	2	1	
40/ 39		.2	.*	.2														11	11	2	
38/ 37		.6	1.8	.7														27	27	3	1
36/ 35	.7	2.9	2.4	.3														57	57	28	6
34/ 33	.3	3.1	2.2	.1														52	52	53	16
32/ 31	.7	4.7	2.3	.1														70	70	61	32
30/ 29	.7	5.0	1.6															65	65	75	46
28/ 27	1.0	4.2	.8															54	54	74	72
26/ 25	1.6	4.3	.1															54	54	63	67
24/ 23	1.7	4.4	.6															60	60	64	67
22/ 21	1.6	3.7	.2															49	49	53	65
20/ 19	.8	3.4	.3															41	41	44	57
18/ 17	1.6	3.6	.1															47	47	51	44
16/ 15	1.4	2.9																39	39	42	42
14/ 13	1.2	3.1																39	39	44	46
12/ 11	1.6	2.3																35	35	36	38
10/ 9	1.9	2.4																39	39	38	37
8/ 7	1.3	2.2																32	32	31	31
6/ 5	1.1	1.3																22	22	30	35
4/ 3	.7	.8																13	13	17	38
2/ 1	1.9	.7																23	23	21	26
0/ -1	1.4	.2																15	15	18	24
-2/ -3	1.1	.4																14	14	15	26
-4/ -5	.7																	6	6	6	17
-6/ -7	.8	.2																9	9	8	16
-8/ -9	.4																	4	4	5	15
-10/-11	.3																	3	3	3	7
-12/-13	.6																	5	5	5	6
-14/-15		.1																1	1		7

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | APR MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-16/-17	.2																	2	2	3	4
-18/-19	.1																	1	1	1	4
-20/-21	.1																	1	1	1	2
-22/-23	.2																	2	2	2	1
-24/-25																					2
-26/-27																					2
-32/-33																					1
TOTAL	27.6	56.9	13.2	1.6	.4	.3													900		900
																		900		900	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5613267	70941	78.4	9.686	900							
Dry Bulb	522667	18605	20.7	12.392	900	6.3	74.5					90
Wet Bulb	458074	17396	19.3	11.641	900	6.7	81.1					90
Dew Point	341444	13372	14.9	12.602	900	13.4	87.7					90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51					.1	.2												3	3		
44/ 43																				1	
42/ 41																				2	
40/ 39			.2															2	2		
38/ 37		.3	.3	.1														7	7		
36/ 35	.1	1.6	1.7	.1														31	31	9	1
34/ 33	.9	2.8	1.1	.1														44	44	36	14
32/ 31	.6	4.0	1.1															51	51	44	19
30/ 29	.9	6.9	1.1															80	80	61	38
28/ 27	.6	5.2	.4															56	56	83	53
26/ 25	2.2	5.7	.3															74	74	77	63
24/ 23	1.1	3.3																40	40	51	80
22/ 21	1.2	3.0																38	38	49	65
20/ 19	2.0	3.4																49	49	45	32
18/ 17	1.6	3.1	.2															44	44	41	52
16/ 15	1.9	4.0																53	53	51	41
14/ 13	1.8	2.8																41	41	48	37
12/ 11	2.3	2.1																40	40	45	43
10/ 9	1.9	2.8																42	42	34	42
8/ 7	2.2	2.0																38	38	50	45
6/ 5	1.6	1.4																27	27	25	30
4/ 3	1.0	1.7																24	26	29	40
2/ 1	2.2	.4																24	24	26	29
0/ -1	.9	.6																13	13	12	26
-2/ -3	1.8	.6																21	21	21	40
-4/ -5	1.3	.2																14	14	15	15
-6/ -7	.7	.1																7	7	8	10
-8/ -9	.4	.1																5	5	4	23
-10/-11	1.2																	11	11	12	17
-12/-13	.2																	2	2	2	11
-14/-15	.4																	4	4	4	5
-16/-17	.7																	6	6	6	4
-18/-19	.3																	3	3	3	6
-20/-21																					7

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26216 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
APR — MONTH

PAGE 2 — 0300-0500 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-22/-23	.1																	1	1	1	5
-24/-25	.3																	3	3	3	1
-26/-27	.1																	1	1	1	2
-28/-29																					1
-30/-31	.1																	1	1	1	
-34/-35																					2
-38/-39																					1
TOTAL	34.7	58.1	6.6	.3	.1	.2													900		900
																		900		900	

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.	5822714	71980	80.0	8.563	900							
Dry Bulb	4350959	16025	17.8	12.907	900	9.2	81.3					90
Wet Bulb	390894	15118	16.8	12.342	900	9.3	85.2					90
Dew Point	303561	11319	12.6	13.391	900	17.6	88.5					90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55							.1											1	1		
54/ 53							.1											1	1		
52/ 51							.1											1	1		
50/ 49					.1													1	1		
48/ 47				.1														1	1		
46/ 45				.1	.2													3	3		
44/ 43				.1														1	1	1	
42/ 41			.2	.7														8	8	4	
40/ 39			.8	.7														13	13	2	
38/ 37		.9	.9	.4														20	20	11	
36/ 35		1.8	1.4	.2														31	31	22	2
34/ 33	.9	3.2	1.9															54	54	37	12
32/ 31	.3	3.9	1.9															55	55	55	26
30/ 29	.6	5.6	.3															58	58	68	47
28/ 27	1.3	4.1	.3															52	52	68	62
26/ 25	1.3	5.4	.7															67	67	55	71
24/ 23	.9	4.1	.3															48	48	59	57
22/ 21	.9	3.8	.2															44	44	56	58
20/ 19	1.2	3.0	.2															40	40	41	53
18/ 17	.4	3.7	.1															38	38	34	42
16/ 15	1.8	4.6	.3															60	60	57	39
14/ 13	1.2	2.4																33	33	46	32
12/ 11	1.4	2.9																39	39	34	51
10/ 9	1.9	2.4																39	39	43	38
8/ 7	1.7	2.4																37	37	38	34
6/ 5	1.2	1.4																24	24	30	35
4/ 3	2.8	1.9																42	42	41	36
2/ 1	1.4	.8																20	20	26	32
0/ -1	1.1	.8																17	17	14	32
-2/ -3	1.3	.4																16	16	21	35
-4/ -5	.7	.3																9	9	9	29
-6/ -7	.3	.1																4	4	4	17
-8/ -9	.6																	5	5	6	14
-10/-11	.3																	3	3	3	12

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
APR — MONTH

PAGE 2
0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-12/-13	.2																	2	2	2	13
-14/-15	.4																	4	4	4	4
-16/-17	.1																	1	1	1	1
-18/-19	.2																	2	2	2	6
-20/-21	.3																	3	3	3	2
-22/-23	.1																	1	1	1	2
-24/-25																					1
-26/-27	.1																	1	1	1	2
-28/-29	.1																	1	1	1	1
-34/-35																					1
-36/-37																					1
TOTAL	27.3	60.0	9.7	2.3	.3		.3												900		900
																		900		900	

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.	5522640	69928	77.7	9.972	900							
Dry Bulb	482967	17347	19.3	12.857	900	6.9	76.5					90
Wet Bulb	422181	16175	18.0	12.093	900	7.2	82.3					90
Dew Point	312047	11941	13.3	13.072	900	17.3	88.6					90

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65									.1									1	1		
64/ 63								.1										1	1		
60/ 59							.1											1	1		
58/ 57							.1	.1	.1									3	3		
56/ 55						.2	.1	.6										8	8		
54/ 53					.1	.2												3	3		
52/ 51					.1	.1												2	2	1	
50/ 49				.1	.8	.6												13	13	1	
48/ 47					.8	.1	.1											9	9	1	
46/ 45			.4	.9	.8	.4												23	23	4	
44/ 43			1.1	.9	.6	.1												24	24	11	
42/ 41			1.0	2.1	.6	.1												34	34	18	
40/ 39		.3	2.1	1.3	.3													37	37	30	1
38/ 37		.8	1.9	2.1														43	43	37	4
36/ 35		1.6	2.3	1.4														48	48	55	12
34/ 33	.2	1.6	4.3	.6														60	60	48	30
32/ 31	.2	3.3	2.1	.1														52	52	66	50
30/ 29	.1	2.3	2.2	.1														43	43	78	41
28/ 27	.6	4.1	1.9															59	59	54	67
26/ 25	.4	2.8	1.6	.1														44	44	61	85
24/ 23	.1	3.1	1.7															44	44	41	61
22/ 21	.3	3.3	1.6															47	47	45	79
20/ 19	.3	3.4	1.4															47	47	54	51
18/ 17	.6	2.4	1.0															36	36	42	37
16/ 15	.3	4.2	.2															43	43	44	40
14/ 13	.6	3.8	.3															42	42	53	40
12/ 11	.7	2.9	.1															33	33	32	34
10/ 9	.4	2.0																22	22	34	35
8/ 7	.3	1.6																17	17	22	47
6/ 5	.4	2.1																23	23	21	33
4/ 3	.8	.8																14	14	18	33
2/ 1	.2	.6																7	7	9	27
0/ -1	.4	.8																11	11	12	25
-2/ -3	.1	.1																2	2	3	26

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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

26216 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
APR — MONTH

PAGE 2 — 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-4/ -5		.2																2	2	1	12
-6/ -7	.1																	1	1	3	11
-8/ -9																					8
-12/-13																					6
-14/-15	.1																	1	1	1	3
-16/-17																					1
-24/-25																					1
TOTAL	7.4	48.1	27.3	9.8	4.0	1.9	.4	.8	.2										900		900
																		900		900	

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.	4380552	61770	68.6	12.527	900							
Dry Bulb	774963	23785	26.4	12.760	900	1.7	59.0					90
Wet Bulb	610934	21238	23.6	11.050	900	2.0	69.4					90
Dew Point	380275	15331	17.0	11.511	900	9.3	85.3					90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
APR — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69									.1									1	1		
68/ 67								.1	.1									2	2		
62/ 61							.2	.1	.2									5	5		
60/ 59						.2	.8	.6	.2									16	16		
58/ 57						.2	.7	.3										11	11		
56/ 55						.1	.1											2	2		
54/ 53					.3	.4	.2											9	9	2	
52/ 51					.4	.2	.3											9	9	1	
50/ 49				.3	.8	.9	.6											23	23	5	
48/ 47			.1	.4	2.2	.8												32	32	11	
46/ 45		.1	.1	1.4	1.7	.9	.2											40	40	20	
44/ 43			.8	2.1	1.0	.6												40	40	16	
42/ 41		.3	1.7	2.4	1.0	.3												52	52	24	3
40/ 39		.3	2.0	2.9	.9	.1												56	56	58	6
38/ 37	.3	.2	1.7	1.9	.1													38	38	73	11
36/ 35	.1	.6	4.4	1.7	.1													62	62	53	30
34/ 33		.4	3.9	1.3														51	51	70	33
32/ 31		1.6	2.0	.7														38	38	69	42
30/ 29		3.1	2.9	.2														56	56	68	65
28/ 27	.2	3.6	1.8	.3														53	53	60	82
26/ 25	.2	2.2	2.9	.4														52	52	55	80
24/ 23	.1	2.2	2.7	.2														47	47	45	81
22/ 21		1.9	1.3															29	29	50	77
20/ 19	.1	3.7	.3															37	37	43	54
18/ 17	.1	2.9	.9															35	35	44	35
16/ 15	.1	2.7	.7															31	31	34	48
14/ 13		2.0	.2															20	20	31	46
12/ 11	.1	1.4	.2															16	16	20	33
10/ 9	.1	1.0	.2															12	12	15	38
8/ 7		.7																6	6	8	29
6/ 5	.2	.7																8	8	10	27
4/ 3	.2	.3																5	5	6	14
2/ 1		.2																2	2	5	18
0/ -1	.2	.1																3	3	3	15

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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
APR — MONTH

1200-1400 — HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-2/-3		.1																1	1	1	12
-4/-5																					7
-6/-7																					6
-8/-9																					1
-10/-11																					3
-12/-13																					4
TOTAL	2.2	32.3	30.8	16.4	8.6	4.8	3.1	1.1	.7									900	900	900	900

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.	3680029	56211	62.5	13.722	900							
Dry Bulb	1075351	28955	32.2	12.656	900	.4	45.1	.3				90
Wet Bulb	801727	25203	28.0	10.331	900	.4	56.7					90
Dew Point	460954	18078	20.1	10.432	900	4.8	81.7					90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 — STATION
FORT SIMPSON NWT OUT — STATION NAME
57-66 — YEARS
APR — MONTH

PAGE 1

1500-1700 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69								.1										1	1		
68/ 67								.2										2	2		
66/ 65								.1										1	1		
64/ 63								.3	.1									4	4		
62/ 61							.3	.4	.4	.1								12	12		
60/ 59							.6	.1	.1									7	7		
58/ 57							.4	.1	.2	.1								8	8		
56/ 55							.4											5	4	2	
54/ 53					.4	.1	.3	.1											9	1	
52/ 51				.1	1.0	.9	.6											2	23	2	
50/ 49				.2	1.9	.6	.3											27	27	7	
48/ 47				.2	2.4	1.9	.3											44	44	10	
46/ 45			.1	1.1	1.2	.8	.1											30	30	18	
44/ 43			.6	1.9	2.4	.4												48	41	18	3
42/ 41	.1	.4	1.6	2.2	1.6	.7												59	59	36	
40/ 39		.1	1.3	3.3	.7													49	41	63	7
38/ 37	.2	.1	2.8	2.4	.4													54	54	69	13
36/ 35	.1	.7	4.0	2.6	.1													67	67	76	22
34/ 33	.2	1.0	3.1	.6														44	44	69	37
32/ 31		2.4	2.7	.4														50	50	86	48
30/ 29	.1	3.0	3.7	.6														66	66	73	80
28/ 27		2.4	3.0	.6	.1													55	55	50	86
26/ 25	.1	1.8	1.7	.4														36	36	59	99
24/ 23	.3	1.7	1.8															34	34	42	91
22/ 21	.2	2.1	.3															24	24	39	68
20/ 19	.4	2.6	1.3															39	39	45	57
18/ 17	.4	1.2	1.1															25	25	32	39
16/ 15		2.8	.7															31	31	26	43
14/ 13	.1	.8	.3															11	11	31	43
12/ 11	.2	1.3																14	14	15	25
10/ 9		.8																7	7	13	24
8/ 7		.6																5	5	6	24
6/ 5		.7																6	6	6	25
4/ 3		.1																1	1	3	15

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

26210 STATION | FORT SIMPSON NWT DUT STATION NAME | 57-66 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. / W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 1																					16
0/ -1		.1																1	1		13
-2/ -3		.2																2	2	3	13
-4/ -5																					2
-6/ -7																					2
-8/ -9																					2
-10/-11																					2
-12/-13																					1
TOTAL	2.7	26.9	30.0	16.7	12.3	5.3	3.4	1.6	.9	.2								900	900	900	900

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.	3005288	55342	61.5	14.999	900							
Dry Bulb	1175252	30592	34.0	12.272	900	.3	40.7	.3				90
Wet Bulb	664872	26480	29.4	9.768	900	.3	52.9					90
Dew Point	493995	19151	21.3	9.808	900	3.5	81.8					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | APR MONTH

 1800-2000 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67								.1										1	1		
66/ 65								.1										1	1		
64/ 63								.1										1	1		
62/ 61								.2										2	2		
60/ 59						.2	.2	.1	.1									6	6		
58/ 57							.6		.1									6	6		
56/ 55					.1	.1	.1		.1									4	4		
54/ 53						.4	.1	.1										6	6	2	
52/ 51				.1	.7	.2	.3											12	12		
50/ 49				.3	.3	.8	.1											14	14	3	
48/ 47			.1	.2	1.8	.9												27	27	7	
46/ 45				.7	1.3	.2												20	20	8	
44/ 43		.1	.7	1.9	1.2	.2												37	37	16	
42/ 41		.8	1.4	2.4	1.0	.2												51	51	17	4
40/ 39	.2	.9	2.7	2.0	.3													55	55	48	7
38/ 37	.1	1.0	3.7	2.6	.2													68	68	61	10
36/ 35		2.1	3.8	1.3	.1													66	66	81	15
34/ 33	.1	1.8	3.2	.2														48	48	77	31
32/ 31	.7	2.1	2.0	.4														47	47	80	67
30/ 29	.2	3.8	2.0	.2														56	56	60	94
28/ 27	.3	3.1	2.0	.2														51	51	58	79
26/ 25	.4	3.8	2.1	.1														58	58	58	84
24/ 23	.2	2.9	.9	.1														37	37	55	73
22/ 21	.3	2.9	1.2	.1														41	41	45	66
20/ 19	.9	3.0	.7															41	41	55	49
18/ 17	.1	2.3	.4															26	26	27	55
16/ 15	.7	1.8	.3															25	25	31	40
14/ 13	.2	2.4	.3															27	27	21	33
12/ 11	.3	1.4																16	16	32	38
10/ 9	.6	1.6																19	19	19	27
8/ 7	.4	.8																11	11	15	26
6/ 5	.3	.8																10	10	9	26
4/ 3	.4	.2																6	6	10	25
2/ 1	.1																	1	1	2	14

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210	FORT SIMPSON NWT DOT	57-66	APR
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
0/ -1																					13
-2/ -3		.1																1	1		11
-4/ -5		.2																2	2	2	5
-6/ -7																				1	3
-8/ -9																					1
-10/-11																					1
-14/-15																					1
-16/-17																					2
TOTAL	6.8	39.7	27.6	13.0	7.1	3.3	1.4	.8	.3									900	900	900	900

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.	4321673	60985	67.8	14.509	900							
Dry Bulb	983656	27718	30.8	12.025	900	.3	47.5	.1				90
Wet Bulb	766170	24662	27.4	10.026	900	.3	58.0					90
Dew Point	479380	18660	20.7	10.143	900	3.7	83.3					90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) APR (MONTH)

PAGE 1 2100-2300 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53						.1												1	1		
52/ 51					.1													1	1		
50/ 49					.1													1	1		
48/ 47			.1		.4													5	5		
46/ 45			.1		.2	.1												4	4	1	
44/ 43			.3	.4	.3													10	10	2	
42/ 41	.1		.9	1.1														19	19	4	
40/ 39	.1	.4	2.7	2.1	.2	.1												51	51	8	2
38/ 37	.3	1.8	3.1	1.4	.2													62	62	30	5
36/ 35	.1	2.8	2.8	1.1														61	61	67	12
34/ 33	.3	2.9	2.9	1.0														64	64	64	30
32/ 31	.3	2.9	2.1															48	48	79	43
30/ 29	.8	4.8	2.4															72	72	69	70
28/ 27	.7	4.2	1.9															61	61	83	61
26/ 25	1.4	4.0	.8															56	56	61	79
24/ 23	.8	3.8	.8															48	48	67	72
22/ 21	.3	5.8	.7															61	61	40	66
20/ 19	.6	3.0	.6															37	37	56	65
18/ 17	1.2	2.8	.1															37	37	49	49
16/ 15	.3	2.6	.1															27	27	27	45
14/ 13	.6	2.6	.2															30	30	30	45
12/ 11	.4	2.0	.1															23	23	30	31
10/ 9	1.0	2.1																28	28	27	21
8/ 7	.8	1.9																24	24	28	32
6/ 5	.9	1.1																18	18	22	38
4/ 3	.4	.9																12	12	14	25
2/ 1	1.1	.3	.1															14	14	15	25
0/ -1	.6	.2																7	7	9	20
-2/ -3	.6	.3																8	8	6	20
-4/ -5	.4																	4	4	6	14
-6/ -7	.1	.1																2	2	2	6
-8/ -9		.1																1	1		11
-10/-11	.1																	1	1	2	5
-12/-13																					1

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26210 — STATION
FORT SIMPSON NWT CDT — STATION NAME
57-66 — YEARS
APR — MONTH
PAGE 2
2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-14/-15	.1	.1																2	2	2	1
-16/-17																					1
-18/-19																					1
-20/-21																					3
-32/-33																					1
TOTAL	14.6	53.4	22.6	7.2	1.7	.3													900		900
																		900		900	

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.	5093567	66873	74.3	11.777	900							
Dry Bulb	688360	22596	25.1	11.604	900	2.5	62.1					90
Wet Bulb	577890	20726	23.0	10.578	900	2.7	72.4					90
Dew Point	402720	15996	17.8	11.480	900	8.4	85.1					90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
MAY — MONTH

PAGE 1 0000-0200 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61					.1	.1												2	2		
58/ 57			.1				.1											2	2		
56/ 55			.2	.2	.5													9	9		
54/ 53		.3	.4		.3													10	10	2	
52/ 51	.1	.7	.8	1.0	.4	.1												28	28	10	5
50/ 49	.3	1.0	1.0	1.4	.4													38	38	18	8
48/ 47	.1	1.3	2.6	1.7	.8													60	60	25	9
46/ 45	.4	1.7	3.1	3.0	.3													80	80	43	22
44/ 43	.2	2.4	4.7	2.2	.2													89	89	55	28
42/ 41	.5	3.5	5.1	1.4	.3													100	100	93	40
40/ 39	.3	3.5	3.1	.4	.1													69	69	106	68
38/ 37	.2	3.8	4.0	.7														80	80	114	78
36/ 35	1.0	3.6	1.7	1.0														67	67	81	92
34/ 33	1.1	3.5	1.8	.4														63	63	82	99
32/ 31	1.2	4.0	2.2															68	68	66	107
30/ 29	.7	3.6	.5															44	44	71	80
28/ 27	.1	2.6	.4															29	29	53	66
26/ 25		2.0																18	18	21	53
24/ 23	.3	1.6	.3															21	21	24	44
22/ 21	.3	1.3	.2															17	17	17	26
20/ 19	.4	.9																12	12	19	29
18/ 17	.1	.5																6	6	10	23
16/ 15	.1	.1																2	2	4	18
14/ 13	.2	.1																3	3	3	10
12/ 11	.2	.1																3	3	3	3
10/ 9																					7
8/ 7		.1																1	1	1	5
6/ 5																					1
TOTAL	8.0	42.1	32.5	13.5	3.6	.2	.1												921		921
																		921		921	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5676514	71452	77.6	12.033	921							
Dry Bulb	14212?6	35330	38.4	8.471	921		22.6					93
Wet Bulb	1220463	32785	35.6	7.619	921		29.5					93
Dew Point	983889	29147	31.6	8.174	921		47.7					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | MAY MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53			.4	.2														4	4		
52/ 51	.2	.4	.7	.4														16	16	5	1
50/ 49		.9	1.2	.3	.1													23	23	6	5
48/ 47	.2	.9	2.1	.9														36	36	22	10
46/ 45	.9	2.1	1.8	.7	.1													51	51	33	9
44/ 43	.5	2.5	3.0	2.2	.1													77	77	48	31
42/ 41	.4	4.6	4.0	1.0	.2													94	94	61	45
40/ 39	.9	5.0	3.4	.3														88	88	95	48
38/ 37	.1	6.0	3.6	.8														96	96	106	74
36/ 35	.5	6.3	3.7	.1														98	98	97	90
34/ 33	2.1	3.8	1.7	.2														72	72	109	102
32/ 31	.8	4.3	1.5															61	61	71	107
30/ 29	.5	6.2	.9															70	70	80	80
28/ 27	.1	2.7	.1															27	27	60	78
26/ 25		2.0	.2															20	20	30	62
24/ 23	.2	1.0	.1															12	12	12	43
22/ 21	.2	2.3	.1															24	24	20	30
20/ 19		1.8	.1															18	18	21	19
18/ 17	.5	.7																11	11	17	18
16/ 15	.3	.8																10	10	13	21
14/ 13		.5																5	6	4	17
12/ 11		.1																1	1	3	6
10/ 9	.1	.1																2	2	2	8
8/ 7	.3																	3	3	4	5
6/ 5	.1																	1	1	1	4
4/ 3	.1																	1	1	1	4
2/ 1																					2
0/ -1																					2
TOTAL	9.2	54.8	28.3	7.1	.5													921	922	921	921

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6125967	74509	80.9	10.330	921							
Dry Bulb	1269001	33319	36.1	8.396	922		26.9					93
Wet Bulb	1121061	31309	34.0	7.852	921		34.2					93
Dew Point	933319	28245	30.7	8.541	921	.2	51.1					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON N.W.T. OUT STATION NAME | 57-66 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63					.1	.1												2	2		
62/ 61					.1													1	1		
60/ 59				.1	.8	.4												12	12		
58/ 57				.2	.3	.2												7	7		
56/ 55			.1	.8	.5	.2												15	15	3	
54/ 53		.1	.4	.9	1.2	.5	.1											30	30	1	
52/ 51		.5	1.0	1.2	.2	.2												29	29	15	1
50/ 49		1.2	1.7	3.9	1.0	.3												75	75	25	8
48/ 47	.3	.6	2.2	3.7	.6													69	69	42	15
46/ 45		1.5	4.2	2.2	.4	.1												78	78	57	24
44/ 43	.4	3.0	5.6	2.2	.5	.1												110	110	83	39
42/ 41		1.6	4.1	.8	.2													62	62	113	47
40/ 39		1.9	4.3	1.4	.2													73	73	94	72
38/ 37		2.9	3.2	1.4	.2													72	72	81	84
36/ 35	.3	3.8	3.7	.3														75	75	87	105
34/ 33	1.1	3.0	2.1	.1														58	58	87	107
32/ 31	.1	2.2	1.2															32	32	65	86
30/ 29	.1	1.2	.4	.1														21	21	48	70
28/ 27	.1	1.5	.6	.1														22	22	18	53
26/ 25		1.0	.5															14	14	20	49
24/ 23	.2	1.4	.3															18	18	16	37
22/ 21		1.0	.1															10	10	21	29
20/ 19	.2	1.6	.1															18	18	16	15
18/ 17	.3	.8																10	10	16	15
16/ 15	.2	.3																5	5	9	17
14/ 13	.1	.1																2	2	3	20
12/ 11																					11
10/ 9	.2	.2																4	4	3	10
8/ 7																				1	3
6/ 5																					3
4/ 3																					1
2/ 1																					1
TOTAL	3.8	31.6	36.5	19.3	6.5	2.3	.1											924	924	924	924

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5083643	67645	73.2	11.933	924
Dry Bulb	1581341	37247	40.3	9.304	924
Wet Bulb	1312734	34004	36.8	8.153	924
Dew Point	1018874	29608	32.0	8.717	924

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		15.7					93
Wet Bulb		23.8					93
Dew Point		42.5					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
MAY — MONTH

PAGE 1 — 0900-1100 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
72/ 71								.2			.1							3	3		
70/ 69								.2	.1	.1	.1							5	5		
68/ 67							.3	.1	.2	.1								7	7		
66/ 65						.1	.5	.9	.2									16	16		
64/ 63					.1	.8	1.4	.4										25	25		
62/ 61				.1	.5	1.2	1.1	.3	.3									33	33		
60/ 59				.3	.9	1.9	.6	.2	.2									39	39		
58/ 57				.3	1.8	2.1	1.5	.1										54	54	3	
56/ 55			.1	.4	1.7	2.5	.4											48	48	12	
54/ 53		.2	.4	1.7	2.6	1.9	.4	.1										69	69	25	
52/ 51		.3	1.0	2.5	3.3	1.1	.2											78	78	53	1
50/ 49		.1	1.1	3.5	2.9	1.2	.2											83	83	62	9
48/ 47		.3	.9	3.1	1.5	.3	.2											59	59	83	24
46/ 45	.3	.6	1.5	2.8	1.5	.2												65	65	118	30
44/ 43	.3	1.0	.6	2.4	1.1	.2												52	52	100	47
42/ 41		.6	1.0	2.4	.9													45	45	83	69
40/ 39	.2	1.1	1.4	1.6	.1													41	41	63	80
38/ 37	.1	2.2	1.9	1.4														52	52	57	113
36/ 35	.4	1.0	1.3	.6	.1													32	32	80	99
34/ 33	.3	1.1	1.4	.4	.2													32	32	48	93
32/ 31		.5	1.4	.4														22	22	28	63
30/ 29		.3	1.0	.1														13	13	27	54
28/ 27		.8	1.3															16	16	21	48
26/ 25		.5	.8															12	12	20	47
24/ 23		1.1	.1															11	11	17	41
22/ 21		.8	.2															9	9	12	27
20/ 19		.4																4	4	9	19
18/ 17	.1																	1	1	5	26
16/ 15																					14
14/ 13																					8
12/ 11																					10
10/ 9																					4
TOTAL	1.8	13.0	17.1	24.2	19.3	13.5	7.0	2.6	1.1	.2	.2							926	926	926	926

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.	3607330	56134	60.6	14.869	926							
Dry Bulb	2158591	43635	47.1	10.523	926		8.8	1.5				93
Wet Bulb	1608364	37852	40.9	8.127	926		14.0					93
Dew Point	1096316	30912	33.4	8.344	926		36.3					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
MAY — MONTH
PAGE 1
1200-1400 — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77										.1	.1							2	2		
76/ 75										.1	.1							2	2		
74/ 73								.4	.7	.1	.1	.4						16	16		
72/ 71								.4	.3	.5	.5							17	17		
70/ 69						.2	.2	.7	1.0	.5	.5							29	29		
68/ 67						.3	.8	.8	1.2	.4								32	32		
66/ 65						.4	.8	1.3	.7									29	29		
64/ 63					.2	.2	2.4	2.2	.5	.1								52	52		
62/ 61					.3	.7	2.5	1.3	.4									50	50		
60/ 59				.3	.7	2.4	2.1	1.0	.2									61	61	9	
58/ 57			.1	.4	1.3	2.7	2.1	.2										63	63	19	
56/ 55				.9	2.2	3.6	1.1	.3										74	74	26	
54/ 53			.3	.8	2.2	1.7	1.4											59	59	51	
52/ 51			.4	.7	2.3	1.3	.2	.2										47	47	83	4
50/ 49		.2	.3	1.7	1.0	1.3	.2											44	44	94	15
48/ 47	.2	.2	.7	.9	1.4	1.4	.3											47	47	104	32
46/ 45		.8	1.3	1.2	1.4	.8												50	50	93	26
44/ 43	.2	.4	1.2	1.4	1.6	.2	.1											48	48	73	48
42/ 41		.3	1.2	1.4	.9	.2												37	37	67	63
40/ 39		1.5	.9	1.0	.8	.1												39	39	53	89
38/ 37		.5	.7	1.2	.9													30	30	69	110
36/ 35	.2	.5	.8	1.0	.1													24	24	40	103
34/ 33		.3	1.7	.4														23	23	35	84
32/ 31		.2	.9	.1														11	11	28	55
30/ 29		.3	1.4															15	15	32	48
28/ 27		.5	.5															8	8	16	63
26/ 25		.3	.3															6	6	15	38
24/ 23		.3	.2															5	5	8	36
22/ 21		.3																3	3	5	34
20/ 19																				3	28
18/ 17																					19
16/ 15																					17
14/ 13																					8
12/ 11																					3

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

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb							
Wet Bulb							
Dew Point							

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | MAY MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	.7	6.9	12.0	13.3	17.3	17.6	14.1	8.8	5.0	2.0	1.4	.4						923	923	923	923

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.	2756000	48226	52.2	16.007	923							
Dry Bulb	2619012	48016	52.0	11.462	923		4.8	9.9	2.0			93
Wet Bulb	1806796	40136	43.5	8.168	923		10.8					93
Dew Point	1118327	31195	33.8	8.333	923		35.2					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION — FORT SIMPSON NWT DOT STATION NAME — 57-66 YEARS — MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77										.2	.1							3	3		
76/ 75								.4	.2		.4	.2						12	12		
74/ 73							.2	.1	.4	.4		.6	.2					19	19		
72/ 71							.4	.2	.2	.6	.6	.1						21	21		
70/ 69							.1	.4	.6	.9	.2							21	21		
68/ 67						.1	1.0	1.6	1.0	1.1	.1							49	45		
66/ 65					.1	.4	1.0	1.8	1.0	.3								43	43		
64/ 63					.1	1.0	1.6	2.7	.9									58	58		
62/ 61					.4	.4	2.9	2.2	.5									60	60	6	
60/ 59					.9	2.6	1.5	.5	.5									56	56	13	
58/ 57		.1		.2	1.0	3.8	.9	.5										60	60	7	
56/ 55	.1			.1	1.5	2.0	.8	.8										49	49	41	1
54/ 53		.1	.5		1.6	1.1	1.3	.3										46	46	57	3
52/ 51			.6	1.2	2.5	2.6	.4	.2										70	70	79	11
50/ 49		.3	.3	1.3	.8	1.5	.2	.1										42	42	123	9
48/ 47		.1	.6	1.4	1.1	1.3	.1											43	43	95	25
46/ 45		.6	1.6	1.5	1.4	.9	.2											58	58	74	33
44/ 43	.2	.1	.9	1.7	1.3	.5	.2											46	46	77	39
42/ 41	.1	1.2	.3	.9	.3	.2												28	28	72	74
40/ 39	.1	.8	1.0	.9	1.1	.3												38	38	58	85
38/ 37		.6	.5	1.6	.3													29	29	61	127
36/ 35	.1		1.5	.6														21	21		88
34/ 33		.8	.9	.1														16	16	30	72
32/ 31		.5	.9	.5														18	18	47	60
30/ 29		.3	.8															10	10	21	60
28/ 27		.2	.4															6	6	16	58
26/ 25		.2	.3															5	5	9	51
24/ 23		.1																1	1	6	32
22/ 21	.1	.2																3	3	5	35
20/ 19																					23
18/ 17																					18
16/ 15																					16
14/ 13																					4
12/ 11																					1

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26210 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
MAY — MONTH
PAGE 2
1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 9																					2
TOTAL	.8	6.4	11.2	12.1	14.3	18.8	12.8	12.0	5.4	3.6	1.5	1.0	.2					927	927	927	927

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.	2645600	47028	50.7	16.750	927							
Dry Bulb	2748698	49328	53.2	11.564	927		4.3	12.1	3.4			93
Wet Bulb	1865311	40911	44.1	8.036	927		10.4					93
Dew Point	1131841	31471	33.9	8.276	927		36.1					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION — FORT SIMPSON NWT DOT STATION NAME — 57-66 YEARS — MAY MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75										.2	.1							3	3		
74/ 73								.3	.1	.2	.1	.1						8	8		
72/ 71							.2	.1	.2		.1	.2						8	8		
70/ 69					.1	.1	.4	.2	.1	.5	.3							17	17		
68/ 67						.2	.3	.9	.5	.4								22	22		
66/ 65					.1	.4	.8	1.0	.5	.3								29	29		
64/ 63					.4	.5	1.2	2.3	.4	.1								46	46		
62/ 61				.1	.8	1.2	1.6	1.0	.5									48	48	2	
60/ 59				.3	.6	2.3	1.7	.5										51	51	7	
58/ 57				.4	1.8	3.7	1.2	.4										70	70	10	1
56/ 55		.1	.2	.8	2.3	2.0	1.0	.2										61	61	25	
54/ 53		.2	.6	1.4	2.3	1.1	1.0											61	61	39	1
52/ 51		.5	.4	.9	2.6	.9	.6	.1										56	56	70	13
50/ 49		.2	1.0	2.2	2.7	1.2	.3											70	70	103	14
48/ 47			.6	1.9	1.4	.5												42	42	102	26
46/ 45		.3	1.4	1.3	1.6	.3	.1											47	47	85	29
44/ 43	.1	1.1	1.5	1.9	1.2	.5												59	59	77	53
42/ 41	.2	.9	1.9	2.2	.9	.2												58	58	73	72
40/ 39		1.0	1.4	1.2	.6													39	39	69	81
38/ 37	.1	.5	.3	1.2	.2													22	22	70	126
36/ 35	.1	.3	.6	1.3														22	22	46	85
34/ 33	.2	1.5	.8	.3														26	26	32	79
32/ 31	.1	1.6	.9	.4														28	28	44	68
30/ 29		.8	.3															10	10	33	48
28/ 27	.2	.5	.4															11	11	17	71
26/ 25		.3	.1															4	4	10	44
24/ 23		.6																6	6	6	37
22/ 21	.1	.1																2	2	5	24
20/ 19	.1																	1	1	2	28
18/ 17																					17
16/ 15																					6
14/ 13																					1
12/ 11																					2
10/ 9																					1

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
MAY — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	1.3	10.7	12.0	17.8	19.6	15.2	10.5	7.0	2.5	1.8	.6	.3						927		927	927
																	927		927		

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.	3231529	52443	56.6	16.813	926							
Dry Bulb	2473014	46790	50.5	10.964	927		6.2	5.8	1.1			93
Wet Bulb	1766433	39799	42.9	7.896	927		11.7					93
Dew Point	1157912	31914	34.4	7.996	927		34.8					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) MAY (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69												.1						1	1		
68/ 67							.2											2	2		
66/ 65					.1	.1												2	2		
64/ 63					.2	.2			.2									6	6		
62/ 61					.2	.4	.1											7	7		
60/ 59				.1	1.0	.5	.2	.2										19	19		
58/ 57			.1	.2	.5	1.2	.2	.2										23	23	1	
56/ 55			.9	1.0	2.2	1.2	.3											51	51	6	
54/ 53		.3	.4	1.3	1.3	1.2	.3											45	45	9	1
52/ 51	.1	.9	.5	2.3	2.5	.5	.1											64	64	28	7
50/ 49		1.0	1.7	4.0	2.0	.7	.1											87	87	43	16
48/ 47		2.2	2.8	3.7	1.2	.4												95	95	66	17
46/ 45		1.0	2.4	2.0	.4	.1												54	54	91	32
44/ 43	.1	2.0	2.9	1.7	.4													66	66	107	40
42/ 41	.2	1.4	3.3	1.8	.8													69	69	101	69
40/ 39	.3	2.1	2.7	1.6	.7	.1												69	69	80	80
38/ 37	.5	1.7	2.5	1.2	.3													58	58	74	102
36/ 35	.1	2.2	1.4	.8														41	41	75	92
34/ 33	.3	1.8	1.5	.5														39	39	54	87
32/ 31	1.0	1.8	1.4															39	39	53	77
30/ 29	.1	1.8	.7															24	24	43	61
28/ 27	.2	1.2	.5															18	18	30	57
26/ 25	.1	1.1	.3															14	14	20	53
24/ 23	.3	1.0	.1															13	13	17	35
22/ 21	.2	.3	.2															7	7	10	32
20/ 19	.2	.4																6	6	9	26
18/ 17	.1	.1																2	2	4	16
16/ 15	.1	.1																2	2	2	11
14/ 13																					6
12/ 11																					5
10/ 9																					1
TOTAL	4.1	24.4	26.4	22.2	13.8	6.7	1.6	.4	.2			.1							923		923
																		923		923	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4637298	63974	69.3	14.846	923							
Dry Bulb	1837597	40255	43.6	9.428	923		12.6	.3				93
Wet Bulb	1469867	36137	39.2	7.727	923		18.9					93
Dew Point	1100822	30986	33.6	8.107	923		38.3					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
74/ 73									.1									1	1		
72/ 71								.1										1	1		
68/ 67							.2											2	2		
66/ 65				.1		.1		.1										3	3		
64/ 63			.1		.2	.2	.2											7	7		
62/ 61			.3	.4	1.0	.1	.4											21	21		
60/ 59		.6	1.1	1.4	1.6	.4	.1											47	47	2	
58/ 57	.3	1.9	1.9	2.2	1.0	.4	.1											71	71	18	7
56/ 55	.3	3.0	3.0	1.9	.8	.1												82	82	56	21
54/ 53		5.9	3.4	1.7	.6	.1												105	105	74	45
52/ 51	1.8	6.1	3.8	1.1	.7													121	121	137	76
50/ 49	1.4	4.3	2.9	1.2	.6													94	94	132	101
48/ 47	1.4	5.8	2.9	1.4	.3													107	107	115	126
46/ 45	1.4	5.3	1.8	.6														82	82	111	124
44/ 43	1.1	3.9	.8	1.1														62	62	91	98
42/ 41	.7	2.2	1.0	.1														36	36	58	85
40/ 39	.1	1.0	.6	.1														16	16	43	67
38/ 37	.3	1.2	.1	.1														16	16	23	45
36/ 35	.4	.4	.3	.3														14	14	19	30
34/ 33		.1	.4															5	5	3	40
32/ 31		.2																2	2	4	13
30/ 29		.2																2	2	10	5
28/ 27		.3																3	3	2	3
26/ 25																				2	2
24/ 23																					8
22/ 21																					3
20/ 19																					1
TOTAL	9.4	42.6	24.4	13.9	6.7	1.6	1.1	.2	.1										900		900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	6131731	73433	81.6	13.348	900
Dry Bulb	2314153	45267	50.3	6.448	900
Wet Bulb	2043843	42583	47.3	5.685	900
Dew Point	1816176	40014	44.5	6.429	900

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		.7	.4	.1			90
Wet Bulb		1.8					90
Dew Point		3.5					90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67							.1											1	1		
66/ 65						.1												1	1		
64/ 63					.1	.3												4	4		
62/ 61			.1															1	1		
60/ 59			.4	.7	.4	.2												14	14		
58/ 57	.1	1.8	2.2	.7	.6													48	48	6	2
56/ 55	.6	2.1	2.9	2.6	.8													80	80	33	11
54/ 53	.7	7.1	3.0	1.9	.3	.1												118	118	67	32
52/ 51	1.6	6.0	4.1	1.6	.3	.1												123	123	120	75
50/ 49	2.3	4.2	3.0	1.3	.3													101	101	147	119
48/ 47	1.9	4.2	2.8	1.3	.2													94	94	99	96
46/ 45	1.4	5.8	3.1	1.2	.1													105	105	94	98
44/ 43	2.6	4.4	2.4	1.2														96	96	115	114
42/ 41	.8	2.4	.7	.1														36	36	82	93
40/ 39	.3	1.9	1.7	.1														36	36	60	75
38/ 37	.2	.9	.6															15	15	31	62
36/ 35		.7	.3	.1														10	10	17	36
34/ 33	.1	.6	.4															10	10	12	32
32/ 31		.2	.1															3	3	5	27
30/ 29	.2	.1																3	3	11	12
28/ 27	.1																	1	1	1	6
26/ 25																					4
24/ 23																					4
22/ 21																					2
TOTAL	12.9	42.4	27.7	12.8	3.2	.9	.1											900	900	900	900

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.	6348843	74857	83.2	11.680	900							
Dry Bulb	2176537	43939	48.8	5.909	900		.7	.1				90
Wet Bulb	1953811	41629	46.3	5.609	900		1.7					90
Dew Point	1753117	39299	43.7	6.424	900		5.5					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71									.4									4	4		
70/ 69						.2												2	2		
68/ 67					.2	.1	.2											5	5		
66/ 65				.6	.2	.3		.1										11	11		
64/ 63			.3	1.1	1.0	.2	.4	.1										29	29		
62/ 61		.1	1.1	2.6	1.9	.7	.3											60	60	2	
60/ 59		1.0	2.6	4.1	2.2	.3	.3											95	95	17	2
58/ 57	.1	.7	4.4	3.2	1.2	.4												91	91	40	11
56/ 55	.1	3.4	4.6	3.1	1.3	.2	.1											134	134	96	31
54/ 53	.3	2.7	5.1	3.1	.7	.3												110	110	125	53
52/ 51	1.1	2.8	3.4	2.8	.4	.3												98	98	137	114
50/ 49	.4	3.0	2.9	1.4	.9	.1												79	79	137	107
48/ 47	.4	1.4	1.9	1.0	.4													47	47	103	118
46/ 45	.2	2.6	1.8	1.3	.2													55	55	65	117
44/ 43	.3	.9	1.9	.6														33	33	60	90
42/ 41	.1	.9	.6	.3	.1													18	18	42	65
40/ 39		.7	.6	.6														16	16	36	53
38/ 37		.3	.2	.3														8	8	17	42
36/ 35		.2	.1															3	3	9	29
34/ 33		.1	.1															2	2	9	25
32/ 31																				5	17
30/ 29																					10
28/ 27																					7
26/ 25																					3
24/ 23																					3
22/ 21																					2
20/ 19																					1
TOTAL	3.2	20.8	31.6	28.1	10.9	3.3	1.4	.2	.4										900		900
																		900		900	

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.	5162996	67204	74.7	12.691	900			1.1				90
Dry Bulb	2619304	48216	53.6	6.347	900							90
Wet Bulb	2212064	44334	49.3	5.598	900		.5					90
Dew Point	1887467	40783	45.3	6.621	900		4.3					90

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

USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
82/ 81									.1									1	1		
78/ 77								.3		.1	.1		.1					6	6		
76/ 75							.4	.2	.2	.2								10	10		
74/ 73							.8	.4	.4	.3	.1							19	19		
72/ 71						.4	.9	1.0	.4	.2								27	27		
70/ 69				.1	.3	1.7	1.9	1.3	.7									54	54		
68/ 67				.2	1.3	2.2	1.7	1.3	.4									65	65		
66/ 65			.1	.6	2.1	3.8	1.4	1.2	.3									86	86	2	
64/ 63		.2	.1	2.0	3.3	3.7	1.4	.7	.1									104	104	10	
62/ 61			1.1	2.4	2.6	2.2	.9	.6										88	88	22	
60/ 59		.4	1.2	2.1	3.4	1.7	.6	.2										87	87	60	4
58/ 57		.7	1.9	2.7	2.4	.8	.2											78	78	119	17
56/ 55		1.4	2.1	1.3	1.6	.7	.1											65	65	150	41
54/ 53		1.7	1.4	1.1	.9	.6	.1											52	52	129	79
52/ 51	.4	1.1	1.6	1.0	.9	.6												50	50	135	113
50/ 49	.3	.7	.4	.6	.9	.2												32	32	83	116
48/ 47	.2	.6	1.1	.4	.2	.2												25	25	56	113
46/ 45		.9	.6	.8	.3													23	23	40	98
44/ 43		.6	.6	.2	.4	.1												17	17	33	86
42/ 41	.1		.3	.2	.3													9	9	27	62
40/ 39			.1	.1														2	2	16	48
38/ 37																				8	30
36/ 35																				7	27
34/ 33																				3	24
32/ 31																					15
30/ 29																					9
28/ 27																					5
26/ 25																					6
24/ 23																					3
22/ 21																					2
20/ 19																					1
18/ 17																					1
TOTAL	1.1	8.2	13.1	15.9	21.1	18.8	10.4	7.3	2.8	.9	.2		.1					900	900		900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3636908	55492	61.7	18.479	900
Dry Bulb	3297816	54044	60.0	7.644	900
Wet Bulb	2497953	47145	52.4	5.615	900
Dew Point	1944497	41371	46.0	6.897	900

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			18.2	3.6	.1		90
Dry Bulb							90
Wet Bulb		4.2					90
Dew Point							90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85											.1							1	1		
84/ 83										.1			.1					2	2		
82/ 81										.3	.1	.3						7	7		
80/ 79								.1	.2	.3	.6	.4						15	15		
78/ 77								.4	.9	1.0	.3	.3	.1					28	28		
76/ 75							.2	.9	1.6	1.7	.4							43	43		
74/ 73						.1	.9	1.9	2.0	1.0	.8							60	60		
72/ 71					.1	.2	2.7	2.8	1.3	1.2	.2							77	77		
70/ 69					.6	1.3	2.3	2.2	1.4	.6	.3							79	79		
68/ 67				.1	.4	2.3	2.4	1.2	1.2	.3								73	73		
66/ 65			.1	.9	1.4	2.1	2.4	1.7	1.4									91	91	6	
64/ 63			.6	.6	2.0	2.8	2.7	.6	.1									83	83	18	
62/ 61			.4	.4	1.9	1.9	.7	.4										52	52	36	
60/ 59		.4	.6	.9	1.3	1.4	.4	.1										49	49	129	3
58/ 57		.7	2.4	1.8	.9	.6	.3	.2										62	62	124	14
56/ 55		.8	1.2	.6	.9	1.0	.9											48	48	144	41
54/ 53	.2	1.1	.9	.9	.8	.7	.4											45	45	135	71
52/ 51	.1	.7	.4	1.0	.6	.3												28	28	111	108
50/ 49		.6	.2	.6	.3	.1	.1											17	17	66	86
48/ 47	.3	.3	.4	.4	.4	.3												21	21	32	121
46/ 45		.2	.6	.2	.3	.3												15	15	33	99
44/ 43		.2																2	2	36	79
42/ 41		.1																1	1	11	74
40/ 39	.1																	1	1	10	57
38/ 37																				8	49
36/ 35																				1	33
34/ 33																					16
32/ 31																					22
30/ 29																					10
28/ 27																					5
26/ 25																					3
24/ 23																					5
22/ 21																					2
20/ 19																					2

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

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

USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JUN MONTH

PAGE 2 | 1200-1400 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
TOTAL	.8	5.1	8.1	8.3	12.0	15.6	16.6	12.6	10.2	6.6	2.9	1.1	.2					900	900
																	900		900

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.	2775386	47588	52.9	16.978	900							
Dry Bulb	3781887	57845	64.3	8.441	900			38.5	15.6	1.7		90
Wet Bulb	2641084	48514	53.9	5.374	900							90
Dew Point	1896184	40832	45.4	6.971	900		4.9					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85										.1	.2							3	3		
84/ 83										.1	.2	.3	.2					8	8		
82/ 81									.1	.1	.3	.6	.1					11	11		
80/ 79								.1	.7	.9	1.4	.2	.2					32	32		
78/ 77								.6	.4	1.2	1.3	.3						35	35		
76/ 75								.8	1.2	1.9	.3	.2						40	40		
74/ 73						.1	.9	1.9	2.2	2.0	1.1							74	74		
72/ 71						.3	1.3	1.7	1.6	1.0	.1							54	54		
70/ 69				.2	.1	1.0	3.1	3.0	1.9	1.1	.1							95	95		
68/ 67				.3	.7	1.8	1.9	2.4	1.4	.2								79	79	1	
66/ 65			.4	.3	1.7	1.8	2.1	2.3	.8									85	85	6	
64/ 63		.1	.2	.4	1.4	1.6	1.1	.8										51	51	22	
62/ 61			.2	1.0	1.3	2.0	.4	.1										46	46	55	1
60/ 59		.1	1.4	.6	1.1	2.0	1.1	.1										58	58	107	5
58/ 57		1.3	1.8	1.0	1.0	.9	.7	.2										62	62	141	12
56/ 55	.1	1.3	.9	.9	1.3	1.0	.8	.1										58	58	154	34
54/ 53	.4	1.2	.8	.7	1.0	.7												43	43	130	86
52/ 51		.9	.6	.3	.1	.2												19	19	102	95
50/ 49		.1	.4	.9		.2	.2											17	17	58	85
48/ 47		.3	.3	.2	.3	.1	.2											14	14	39	107
46/ 45	.1	.3	.2		.2													8	8	44	109
44/ 43		.2																2	2	17	74
42/ 41	.1																	1	1	7	83
40/ 39	.2	.2																4	4	12	72
38/ 37																				4	58
36/ 35	.1																	1	1	1	28
34/ 33																					15
32/ 31																					14
30/ 29																					8
28/ 27																					5
26/ 25																					3
22/ 21																					3
18/ 17																					3

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION — FORT SIMPSON NWT DOT STATION NAME — 57-66 YEARS — JUN MONTH

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	1.1	6.2	7.3	6.9	10.3	13.7	13.9	14.1	10.3	8.7	5.2	1.7	.6					900	900	900	900

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.	2716648	46632	51.8	18.282	900							
Dry Bulb	3899656	58708	65.2	8.828	900			43.1	20.3	3.9		90
Wet Bulb	2679891	48883	54.3	5.256	900			.1				90
Dew Point	1899935	40897	45.4	6.797	900		3.6					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2621 | FORT SIMPSON NWT DPT | 57-66 | JUL
STATION NUMBER | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83													.1					1	1		
82/ 81										.1		.1						2	2		
80/ 79									.2	.2	.4	.1	.1					10	10		
78/ 77						.1		.2	.2	.2	.9							15	15		
76/ 75						.1	.6	.4	1.3	.9	.4	.3						36	36		
74/ 73						.3	.8	.9	.9	.9	.6							39	39		
72/ 71					.1	1.0	1.3	1.7	1.4	.4	.6							59	59		
70/ 69					.2	1.1	1.7	1.7	1.4	.7	.1							62	62		
68/ 67				.8	1.1	2.4	2.7	1.7	.8	.1								86	86	1	
66/ 65			.1	.7	2.8	2.8	2.0	1.4	.3									91	91	3	
64/ 63			.9	1.7	1.6	1.9	1.8	1.2										81	81	16	
62/ 61		.4	1.3	1.7	2.3	1.3	1.4	.2										79	79	45	2
60/ 59		.4	1.1	1.2	1.7	1.6	.1											55	55	93	8
58/ 57	.1	1.6	1.2	1.9	1.7	1.6	.6	.1										78	78	141	30
56/ 55	.4	1.6	.8	1.0	1.8	1.4	.3											66	66	147	58
54/ 53	.1	2.3	1.2	.6	.7	.3	.3											50	50	131	85
52/ 51	.3	.8	.3	.7	.6	.1	.1											26	26	111	94
50/ 49	.3	.3	.6	.6	.1	.1	.4											22	22	83	101
48/ 47	.1	.4	.8	.6	.1	.2												20	20	33	99
46/ 45	.1	.8	.3		.2													13	13	44	88
44/ 43		.4	.1		.1													6	6	22	73
42/ 41																				15	82
40/ 39																				3	58
38/ 37	.2																	2	2	11	44
36/ 35	.1																	1	1	1	30
34/ 33																					17
32/ 31																					10
30/ 29																					4
28/ 27																					3
26/ 25																					6
22/ 21																					5
20/ 19																					3
TOTAL	1.9	9.1	8.7	11.2	15.0	16.4	14.1	9.6	6.7	3.4	3.0	.6	.2					900		900	900

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	3304637	51925	57.7	18.535	900							
Dry Bulb	3609962	56540	62.8	8.032	900			31.0	10.3	.6		90
Wet Bulb	2626801	48393	53.8	5.243	900			.1				90
Dew Point	1772303	41641	46.3	7.127	900		3.1					90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JUN MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77										.1								1	1		
76/ 75									.1	.1								2	2		
74/ 73								.1	.1									2	2		
72/ 71						.1	.1		.1	.1								4	4		
70/ 69				.1	.1	.1	.4	.1	.2	.2								12	12		
68/ 67				.1	.6	.8	.3	.6	.1									22	22		
66/ 65				1.2	1.3	.7	1.2	.6										45	45		
64/ 63			.6	1.3	1.3	2.0	.6	.4	.1									57	57	1	
62/ 61		.3	2.3	2.8	2.2	1.2	.8											87	87	7	1
60/ 59		1.7	2.6	3.1	2.2	.7	.4	.1										97	97	36	2
58/ 57	.1	2.4	3.1	2.7	1.3	.9	.2											97	97	87	26
56/ 55	.3	3.1	2.8	2.9	1.2	.7	.1											100	100	104	63
54/ 53	.9	3.7	2.3	1.7	1.0	.2												88	88	152	62
52/ 51	1.6	3.9	2.0	1.6	1.0	.1												91	91	133	131
50/ 49	.6	3.2	2.1	1.1	.7													71	71	114	109
48/ 47	.1	2.0	1.6	.3	.2	.1												39	39	87	107
46/ 45	.4	2.0	.6	.4	.1													32	32	61	102
44/ 43	.1	1.4	.6	.3	.1													23	23	59	73
42/ 41	.2	.3	.2	.2														9	9	19	65
40/ 39		.6	.1	.2														10	10	13	47
38/ 37			.1	.2														3	3	11	40
36/ 35		.6	.2															7	7	6	32
34/ 33			.1															1	1	7	16
32/ 31																				2	6
30/ 29																				1	5
28/ 27																					4
26/ 25																					5
24/ 23																					3
22/ 21																					1
TOTAL	4.6	25.4	21.2	20.3	13.4	7.6	4.2	1.9	.8	.6									900		900
																		900		900	

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.	5072055	65987	73.3	16.132	900							
Dry Bulb	2540248	50172	55.7	6.942	900			4.3	.5			90
Wet Bulb	2354441	45769	50.9	5.468	900		.3					90
Dew Point	1992459	41929	46.6	6.593	900		2.4					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26210 — STATION

FORT SIMPSON NWT DOT — STATION NAME

57-66 — YEARS

JUL — MONTH

PAGE 1

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75							.1											1	1		
74/ 73				.1			.1											2	2		
72/ 71				.1		.2												3	3		
70/ 69				.1	.1		.3	.1	.1									7	7		
68/ 67				.3	.2	.3	.3											11	11	1	
66/ 65			.5	1.1	.4	.8	.2											28	28	1	
64/ 63		.3	1.2	2.4	1.8	.4	.2											59	59	3	2
62/ 61	.1	1.7	2.7	1.6	1.0	.8	.2											75	75	22	3
60/ 59	.4	4.8	3.1	3.1	1.6	.4	.1											127	127	55	30
58/ 57	1.4	8.1	3.9	2.7	1.3													161	161	130	72
56/ 55	1.5	7.2	3.7	1.1	.3													128	128	177	106
54/ 53	1.4	6.1	2.6	.6														102	102	151	143
52/ 51	1.1	4.2	1.3	.4														65	65	141	147
50/ 49	.9	3.8	.9	.5														56	56	93	121
48/ 47	1.1	2.8	.3															39	39	61	102
46/ 45	1.2	2.2	.2															33	33	47	84
44/ 43	.3	1.3	.1															16	16	20	63
42/ 41	.2	.4																6	6	15	25
40/ 39	.2	.3																5	5	6	17
38/ 37	.4	.1																5	5	6	11
36/ 35	.1																	1	1	1	4
TOTAL	10.3	43.3	20.6	14.2	6.8	2.9	1.6	.1	.1									930	930		930
																		930		930	

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.	6564991	77235	83.0	12.739	930							
Dry Bulb	2949195	52083	56.0	5.904	930			2.4	.3			93
Wet Bulb	2625163	49215	52.9	4.725	930			.1				93
Dew Point	2398751	46995	50.5	5.081	930							93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT CDIT STATION NAME | 57-66 YEARS | JUL MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69					.3													3	3		
68/ 67			.1															1	1		
66/ 65			.4	.1	.4	.2												11	11		
64/ 63			.4	1.1		.2												16	16	2	
62/ 61		.5	2.0	1.1	.8													41	41	7	2
60/ 59	.4	3.7	4.0	2.0	1.1	.1												105	105	24	11
58/ 57	1.3	6.3	4.5	2.4	.8	.3												145	145	89	52
56/ 55	1.7	10.2	5.3	2.2	.2													182	182	155	85
54/ 53	2.2	8.1	2.8	.6	.4													131	131	175	144
52/ 51	.6	5.8	2.0	.9														87	87	156	156
50/ 49	1.5	5.6	1.8															81	81	109	128
48/ 47	1.0	1.7	.4	.2														34	34	87	122
46/ 45	1.1	2.9	.2	.2														41	41	47	86
44/ 43	1.3	1.6																27	27	40	63
42/ 41	.4	.5																9	9	19	39
40/ 39	.3	.5																8	8	8	17
38/ 37	.5	.3																8	8	12	14
36/ 35																					11
TOTAL	12.4	49.8	24.2	10.8	4.0	.9												930	930	930	930

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.	6953059	79803	85.8	10.641	930							
Dry Bulb	2751044	50340	54.1	5.309	930			.4				93
Wet Bulb	2503704	48060	51.7	4.650	930							93
Dew Point	2320934	46228	49.7	4.982	930							93

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

1 USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION — FORT SIMPSON NWT DOT STATION NAME — 57-66 YEARS — JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 73							.1											1	1		
74/ 73						.1		.1										2	2		
72/ 71				.1	.2	.1	.1											5	5		
70/ 69				.3	.4	.2	.4											13	13		
68/ 67			.4	1.1	1.0	.1	.3	.2										29	29		
66/ 65			.6	2.5	2.4	.3	.3											57	57	2	
64/ 63		.3	2.2	3.9	1.6	.3	.3	.1										81	81	11	1
62/ 61		1.4	5.4	4.2	1.5	.2	.1											119	119	29	5
60/ 59	.2	2.9	6.6	4.2	1.4	.1	.1											144	144	92	31
58/ 57	.4	4.7	7.4	2.7	.8	.2												151	151	148	69
56/ 55	.6	7.4	4.0	1.6	.3													130	130	195	122
54/ 53	.9	4.5	2.3	1.4	.1													85	85	200	178
52/ 51	.5	2.3	1.2	1.1														47	47	103	191
50/ 49		2.3	1.1															31	31	57	117
48/ 47	.1	.9	.9															17	17	46	72
46/ 45	.2	.9	.2															12	12	25	56
44/ 43	.1	.2	.1															4	4	16	48
42/ 41	.2																	2	2	6	24
40/ 39																					11
38/ 37																					5
TOTAL	3.3	27.7	32.3	23.0	9.7	1.7	1.8	.4										930	930	930	930

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.	5681402	73204	78.7	11.329	930							
Dry Bulb	3185987	54217	58.3	5.214	930			5.0	.3			93
Wet Bulb	2760112	50518	54.3	4.144	930							93
Dew Point	2476085	47799	51.4	4.366	930							93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85									.1									1	1		
82/ 81									.2									2	2		
80/ 79						.1	.1	.3	.1	.1								7	7		
78/ 77						.1	.6	.3	.4	.1								15	15		
76/ 75					.3	1.0	.4	.8	.5	.1								29	29		
74/ 73					.2	.9	1.7	.8	.6	.1								40	40		
72/ 71				.2	1.9	2.3	2.7	1.2	.6									83	83		
70/ 69				.9	2.6	4.4	1.1	.8	.3									93	93	2	
68/ 67				2.5	4.3	3.3	2.0	.5	.2									120	120	8	
66/ 65		.1	1.0	4.2	3.7	2.8	1.0	.1										119	119	26	
64/ 63		.1	2.5	4.6	2.2	1.3	.2	.1										102	102	63	4
62/ 61		.9	2.3	3.1	2.0	.5	.2	.2										86	86	127	22
60/ 59		1.6	2.8	1.7	.9	.6												71	71	183	66
58/ 57	.2	1.4	1.7	.8	.8	.1												46	46	184	109
56/ 55	.4	1.6	1.4	.5	.3	.1												41	41	132	150
54/ 53	.1	1.4	1.2	.6	.3	.1												35	35	86	166
52/ 51		1.1	.3	.5	.1													19	19	40	129
50/ 49		.9	.2	.1														11	11	41	96
48/ 47		.3	.2															5	5	21	74
46/ 45		.2																2	2	11	43
44/ 43		.3																3	3	5	26
42/ 41																				1	21
40/ 39																					13
38/ 37																					8
36/ 35																					2
34/ 33																					1
TOTAL	.8	9.9	13.5	19.8	19.6	17.6	10.1	5.1	3.2	.4								930	930		930
																		930		930	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4274353	61691	66.3	14.304	930							
Dry Bulb	3931976	60156	64.7	6.630	930			39.0	9.4	.5		93
Wet Bulb	3085555	53409	57.4	4.442	930			1.0				93
Dew Point	2586733	48819	52.5	5.088	930							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91											.2							2	2		
90/ 89											.2							2	2		
88/ 87										.1								1	1		
86/ 85										.1	.1		.1					3	3		
84/ 83									.2	.3	.4	.2	.1					12	12		
82/ 81							.2	.5	.6	.8	.5	.2						27	27		
80/ 79							.3	.9	1.2	1.5	.5							41	41		
78/ 77						.1	1.3	1.6	1.7	.9	.6							58	58		
76/ 75						.5	2.0	2.3	2.2	1.3	.3							80	80		
74/ 73					.4	1.6	2.2	3.1	1.6	.5								88	88		
72/ 71					1.4	3.1	4.0	2.7	1.1	.5								119	119	2	
70/ 69				.5	2.5	2.4	2.3	2.5	.6	.1								101	101	5	
68/ 67			.1	1.9	3.0	2.6	1.9	.6										95	95	21	
66/ 65			.9	1.6	1.5	2.2	.9	.3	.3									71	71	50	
64/ 63		.3	1.3	2.0	1.1	1.2	.6	.2										63	63	109	5
62/ 61		.6	1.0	.6	1.1	.4	.3	.1										39	39	166	25
60/ 59		1.4	.9	.3	.4	.9												36	36	182	69
58/ 57	.1	1.1	.4	.8	.4	.3												29	29	144	117
56/ 55	.1	1.1	.6	.5	.3	.2												29	29	116	112
54/ 53		.5	.2	.3	.1													11	11	47	121
52/ 51	.1	.9	.3	.1														13	13	36	121
50/ 49	.1	.5	.1	.1														8	8	31	110
48/ 47		.1																1	1	17	87
46/ 45		.1																1	1	2	62
44/ 43																				2	39
42/ 41																					31
40/ 39																					21
38/ 37																					5
36/ 35																					4
34/ 33																					1
TOTAL	.4	6.7	5.8	8.9	12.5	15.5	16.0	14.8	9.6	6.1	3.0	.4	.2					930	930		930
																		930		930	

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.	3194836	52406	56.4	16.131	930							
Dry Bulb	4502873	64335	69.2	7.506	930			62.9	31.4	6.9		93
Wet Bulb	3240963	54743	58.9	4.475	930			2.8				93
Dew Point	2529538	48226	51.9	5.562	930							93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
92/ 91										.1	.2								3	3		
90/ 89											.1	.2			.2				5	5		
88/ 87														.1					1	1		
86/ 85										.2		.1							3	3		
84/ 83								.1	.1	.9	.5	1.1	.2						27	27		
82/ 81								.4	.4	1.6	1.0	.3	.2						37	37		
80/ 79							.5	2.2	1.5	1.6	1.0								63	63		
78/ 77						.2	.5	1.6	2.2	1.4	.9	.1							64	64		
76/ 75				.1	.1	.3	1.8	1.4	3.4	1.7	.8								90	90		
74/ 73				.1	.1	1.3	1.9	3.3	1.3	.8	.1								83	83	2	
72/ 71				.1	1.1	1.8	3.1	2.3	1.1	.5									93	93	1	
70/ 69				.2	2.3	2.5	3.7	1.8	1.0	.2									108	108	8	
68/ 67			.1	1.0	1.7	2.0	1.1	1.1	.3										68	68	15	1
66/ 65		.1	.4	1.6	1.4	.9	1.0												50	50	59	5
64/ 63		.3	2.2	1.7	2.2	1.3	.4		.2										76	76	102	4
62/ 61		1.5	1.7	.6	.5	.6	.4	.1											52	52	153	22
60/ 59		.6	.6	1.3	.5	.3	.3												35	35	211	50
58/ 57	.1	.9	.5	1.0	.4	.1													28	28	164	103
56/ 55	.2	.9	.2	.2	.3														17	17	88	120
54/ 53		.4	.1	.4	.1														10	10	58	120
52/ 51	.1	.9	.2	.3															14	14	29	126
50/ 49	.1	.1																	2	2	25	116
48/ 47		.1																	1	1	12	81
46/ 45																					3	60
44/ 43																						56
42/ 41																						36
40/ 39																						17
38/ 37																						11
34/ 33																						1
32/ 31																						1
TOTAL	.5	5.8	6.1	8.7	10.8	11.4	14.8	14.3	11.4	9.0	4.5	1.8	.4	.1	.2				930	930		930
																			930		930	

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.	2993197	50331	54.1	17.026	930							
Dry Bulb	4642214	65306	70.2	7.787	930			64.5	37.6	10.3		93
Wet Bulb	3263506	54946	59.1	4.303	930			2.6	.2			93
Dew Point	2494016	47876	51.5	5.624	930		.1	.1				93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
90/ 89									.1		.1							2	2		
86/ 85								.2	.1			.1						4	4		
84/ 83									.1	.1	.1	.1						4	4		
82/ 81								.2	.3	.6	.3	.4						18	18		
80/ 79						.1	.1	.5	.4	1.2	.3	.1						26	26		
78/ 77						.3	.6	1.7	1.3	1.0	.3							49	49		
76/ 75					.9	1.0	1.3	.8	1.3	.3								51	51		
74/ 73				.3	.3	.8	2.9	2.5	1.5	.8	.2							86	86	1	
72/ 71				.2	1.2	2.9	1.8	1.7	.8									80	80	2	
70/ 69				.5	1.9	3.5	3.0	1.1	.8									101	101	4	
68/ 67			.3	1.8	2.6	3.2	1.6	.6	.1									96	96	14	1
66/ 65		.3	.9	3.2	2.6	2.3	1.3	.1										99	99	40	6
64/ 63		.5	3.1	2.3	1.9	.8	.2											82	82	76	7
62/ 61		1.2	2.6	1.0	.8	.4	.2											57	57	147	24
60/ 59	.1	1.9	1.8	1.5	1.1	.3	.1											64	64	207	63
58/ 57	.2	1.5	.5	1.0	.3	.4												37	37	188	115
56/ 55	.2	1.0	1.1	.3	.3	.1												29	29	101	153
54/ 53	.1	.5	.5	.4	.2													17	17	58	126
52/ 51	.1	1.4	.6	.1														21	21	41	107
50/ 49	.3	.2	.1															6	6	30	118
48/ 47			.1															1	1	16	76
46/ 45																				5	51
44/ 43																					39
42/ 41																					23
40/ 39																					13
38/ 37																					7
36/ 35																					1
TOTAL	1.2	8.6	11.7	12.7	13.2	16.0	12.9	10.0	6.2	4.9	1.7	.8							930		930
																		930		930	

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.	3758037	56941	61.2	17.102	930							
Dry Bulb	4273468	62672	67.4	7.340	930			51.7	24.0	4.0		93
Wet Bulb	3195587	54371	58.5	4.262	930			2.1	.1			93
Dew Point	2582880	48756	52.4	5.372	930			.1				93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | JUL MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81									.1									1	1		
80/ 79						.1			.3									4	4		
78/ 77									.1	.1								2	2		
76/ 75					.2		.1	.1	.2		.1							7	7		
74/ 73							.6	.3	.1									10	10		
72/ 71				.2	.6	.5	.5	.5	.2									25	25		
70/ 69				.3	1.3	1.4	1.1	.2										40	40	1	
68/ 67			.3	1.1	1.8	1.9	1.0	.3										60	60	2	
66/ 65		.1	1.8	2.8	2.6	1.6	.3	.2										88	88	3	1
64/ 63	.1	1.7	2.8	2.9	2.5	.9	.3											104	104	26	4
62/ 61	.1	2.4	3.9	2.8	2.3	.5	.2											113	113	75	17
60/ 59	.6	5.3	3.1	3.0	1.4	.1												126	126	149	54
58/ 57	.8	5.8	4.4	2.4	.3	.1												128	128	192	124
56/ 55	.3	4.3	2.3	1.2	.1													76	76	155	137
54/ 53	.3	2.8	1.6	.3	.2													49	49	125	140
52/ 51	.1	3.0	1.1	.2	.2													43	43	87	130
50/ 49	.1	1.7	.4	.1														22	22	52	130
48/ 47	.5	1.1	.1															16	16	33	75
46/ 45	.1	.6	.3															10	10	13	59
44/ 43		.2																2	2	10	32
42/ 41	.1	.2																3	3	5	13
40/ 39																				1	5
38/ 37	.1																	1	1	1	8
36/ 35																					1
TOTAL	3.3	29.2	22.2	17.3	13.5	7.2	4.2	1.7	1.1	.1	.1							930	930	930	930

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.	5388025	70799	76.1	14.608	930							
Dry Bulb	3434581	56213	60.4	6.297	930			14.9	2.4	.2		93
Wet Bulb	2901726	51784	55.7	4.439	930			.3				93
Dew Point	2566591	48645	52.3	4.882	930							93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON, NWT DOT STATION NAME | 57-66 YEARS | AUG MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71									.1									1	1		
70/ 69				.1				.2										3	3		
68/ 67			.7															7	2		
66/ 65			.6	.1	.2	.1												10	10		
64/ 63		.4	1.4	1.1	.6	.1												34	34	4	1
62/ 61		1.4	2.4	1.8	.4		.1											62	62	16	5
60/ 59	.3	3.4	2.9	1.3	.6	.4												84	84	34	17
58/ 57	.6	3.9	2.6	1.5	.3	.3												86	86	88	49
56/ 55	1.0	4.3	3.1	1.4	.9													99	99	108	79
54/ 53	1.7	6.8	2.7	1.2	.3													118	118	97	78
52/ 51	2.0	5.7	2.8	.5														103	103	133	133
50/ 49	1.7	6.5	2.3	.6														103	103	118	115
48/ 47	1.1	3.4	2.0	.3														64	64	107	107
46/ 45	2.0	2.7	1.3	.1														57	57	71	98
44/ 43	.5	2.0	.8															31	31	54	65
42/ 41	.9	2.0	.2															29	29	41	66
40/ 39	.6	.9	.1															15	15	21	50
38/ 37	.6	.8																13	13	16	27
36/ 35	.3	.5																8	8	10	20
34/ 33	.4																	4	4	8	14
32/ 31	.2																	2	2	2	3
30/ 29		.1																1	1		1
28/ 27		.1																1	1	2	1
26/ 25																					1
TOTAL	14.2	44.9	25.9	10.1	3.4	1.0	.1	.2	.1									930	930	930	930

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.	6869598	79296	85.3	10.805	930							
Dry Bulb	2625649	49015	52.7	6.752	930		.4	.6				93
Wet Bulb	2380306	46720	50.2	5.983	930		.4					93
Dew Point	2189827	44757	48.1	6.213	930		.6					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 — STATION
FORT SIMPSON NWT OUT — STATION NAME
57-66 — YEARS
AUG — MONTH

PAGE 1

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67							.1											1	1		
66/ 65			.1				.1											2	2		
64/ 63			.3	.3		.1												7	7		
62/ 61		.8	1.5	.3														24	24	3	
60/ 59		1.9	2.2	.6	.2													46	46	14	7
58/ 57	.1	3.4	2.7	.4	.1	.2												65	65	45	23
56/ 55	.5	6.5	2.2	.5	.3													93	93	83	48
54/ 53	2.0	6.9	2.5	.8														113	113	94	81
52/ 51	3.3	6.8	1.9	1.2														123	123	126	122
50/ 49	1.7	7.5	2.4	.4														112	112	112	111
48/ 47	1.8	6.2	2.0	.1														95	95	126	104
46/ 45	2.5	4.4	2.3															85	85	100	121
44/ 43	2.5	2.4	.6															51	51	85	87
42/ 41	2.6	2.2	.3															47	47	59	86
40/ 39	.6	1.3	.3															21	21	27	54
38/ 37	.8	1.2																18	18	19	32
36/ 35	.8	.5																12	12	19	28
34/ 33	.2	.5																7	7	7	11
32/ 31	.2	.2																4	4	6	10
30/ 29		.1																1	1	2	2
28/ 27	.3																	3	3	3	2
26/ 25																					1
TOTAL	20.0	52.8	21.3	4.7	.6	.3	.2											930	930	930	930

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.	7383079	82439	88.6	9.006	930							
Dry Bulb	2378371	46653	50.2	6.399	930		.8	.1				93
Wet Bulb	2208330	44988	48.4	5.876	930		1.1					93
Dew Point	2064039	43461	46.7	5.961	930		1.5					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | AUG MONTH

PAGE 1 | 0600-0800 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69				.1		.1		.1										3	3		
68/ 67			.1	.2	.4	.1												8	8		
66/ 65			.4	.8	.1													12	12		
64/ 63		.2	1.1	1.6	.4													30	30	2	
62/ 61		.6	1.9	2.4	.1		.2											49	49	9	1
60/ 59	.1	2.4	5.0	2.8	.2	.1												104	104	39	12
58/ 57	.1	3.9	4.3	1.0	.3	.1												90	90	73	38
56/ 55	.9	5.4	5.2	.8	.1													114	114	137	69
54/ 53	1.0	4.9	3.9	1.1	.1		.1											103	103	115	113
52/ 51	1.3	5.5	3.4	.9														103	103	114	141
50/ 49	1.1	5.7	2.4	.9														93	93	107	122
48/ 47	1.1	4.1	2.0	.1														73	73	111	96
46/ 45	.8	4.2	1.9															64	64	67	107
44/ 43	.5	3.0	.6															39	39	74	66
42/ 41	.6	1.3	.2															20	20	44	60
40/ 39	.9	1.0	.4															21	21	22	57
38/ 37	.1	.1																2	2	11	26
36/ 35		.1																1	1	4	14
34/ 33																					3
32/ 31																					3
30/ 29																					1
28/ 27	.1																	1	1	1	1
TOTAL	8.5	42.4	34.4	12.5	1.8	.4	.3	.1										930		930	
																		930		930	

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.	6644742	78110	84.0	9.528	930							
Dry Bulb	2665639	49449	53.2	6.260	930		.1	1.1				93
Wet Bulb	2398238	46950	50.5	5.494	930		.1					93
Dew Point	2195289	44873	48.3	5.696	930		.5					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2021 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
AUG — MONTH

PAGE 1 — 0900-1100 HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79								.1	.1									2	2		
78/ 77							.1		.1	.1								3	3		
76/ 75						.2	.5	.1	.4									12	12		
74/ 73					.1	1.0	.6	.1	.2									19	19		
72/ 71				.1	1.0	.5	.3	.1	.1									20	20		
70/ 69				.8	2.0	2.0	.5	.1	.1									52	52		
68/ 67			.1	1.0	2.5	1.5	.5		.1									53	53		
66/ 65			.2	3.1	2.6	1.2	.5	.1										72	72	11	
64/ 63		1.2	4.4	4.3	.6	.4												102	102	37	
62/ 61	.9	2.3	4.6	2.4	1.3	.1												107	107	58	9
60/ 59	1.6	3.0	4.6	1.5	.4													104	104	102	37
58/ 57	.1 1.6	2.9	2.9	1.5	.2													86	86	136	69
56/ 55	.5 2.0	2.6	2.0	1.2	.4	.1												83	83	138	109
54/ 53	1.6	2.7	1.3	1.0	.2													63	63	123	109
52/ 51	.2 2.4	1.4	1.5	.4														55	55	96	132
50/ 49	.2 1.2	1.7	1.4	.2														44	44	79	121
48/ 47	.1 1.2	1.4	.3	.1														29	29	47	102
46/ 45	.2	.5	.3															10	10	53	65
44/ 43	.3	.3	.2															8	8	29	56
42/ 41	.4	.2																6	6	10	33
40/ 39																				9	40
38/ 37																				2	25
36/ 35																					9
34/ 33																					8
32/ 31																					6
TOTAL	1.2 13.4	20.5	28.6	20.8	9.7	3.9	.6	1.2	.1										930		930
																		930		930	

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.	4780024	65700	70.6	12.216	930							
Dry Bulb	3373869	55631	59.8	7.046	930			16.1	3.6			93
Wet Bulb	2753291	50341	54.1	5.522	930							93
Dew Point	2342814	46336	49.8	6.066	930		.6					93

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

AD-A100 250 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FORT SIMPSON, NORTHWEST TERRITORIES, CANADA. REVISED UNIFORM SU--ETC(U)
JAN 72

UNCLASSIFIED USAFETAC/DS-81/045 SBIE-AD-E850 073 NL

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | AUG MONTH

1200-1600 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
84/ 83									.1	.1	.1							3	3		
82/ 81								.1	.5	.4	.2							12	12		
80/ 79							.3	.9	.4	.9								23	23		
78/ 77						.4	.3	1.9	1.1	.5	.1	.1						42	42		
76/ 75					.1	.6	1.2	1.6	.8	.3	.1							44	44		
74/ 73					.2	1.4	2.0	1.5	.6	.1								55	55		
72/ 71			.1		.4	2.2	2.8	1.7	1.2									78	78		
70/ 69			.1	.1	1.6	3.7	1.6	1.0	.3									78	78		
68/ 67				.6	2.0	1.9	1.8	.3	.3									66	66	13	
66/ 65				2.2	2.0	2.8	1.7	.8										88	88	33	
64/ 63		.3	.6	1.8	3.5	2.2	1.3	.3										94	94	68	6
62/ 61		.2	1.2	2.8	1.8	1.3	.4	.2										74	74	110	10
60/ 59		.9	1.1	2.3	2.0	.9	.5											71	71	133	33
58/ 57		1.0	1.2	1.4	.6	.6	.4											49	49	117	86
56/ 55		.1	.5	1.0	1.7	1.0												40	40	132	95
54/ 53		1.0	.6	1.8	1.3	.2	.2											48	48	88	104
52/ 51	.2	.3	.2	1.0	.9	.1	.1											26	26	78	125
50/ 49	.2	.6	.3	.3	.2													16	16	41	120
48/ 47		.6	.2	.4	.1													13	13	51	72
46/ 45			.2	.4														6	6	35	84
44/ 43		.3																3	3	15	53
42/ 41			.1															1	1	12	41
40/ 39																				4	33
38/ 37																					32
36/ 35																					17
34/ 33																					11
32/ 31																					5
30/ 29																					1
28/ 27																					1
26/ 25																					1
TOTAL	.4	5.4	6.6	16.1	18.7	19.2	14.8	10.3	5.4	2.4	.5	.1						930	930		930
																				930	

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.	3421204	54914	59.0	13.869	930							
Dry Bulb	3990401	60441	65.0	8.190	930			40.1	17.9	2.4		93
Wet Bulb	2957092	52164	56.1	5.795	930			1.3				93
Dew Point	2324051	46089	49.6	6.559	930		.8					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83									.9	.1	.2	.1						9	9		
82/ 81								.3	.6	.5	1.2							25	25		
80/ 79							.1	1.2	1.1	1.2	.5							38	38		
78/ 77						.2	1.2	1.7	1.5	1.2	.6	.2						62	62		
76/ 75						.6	1.3	1.2	2.5	.4	.4							60	60		
74/ 73						2.0	1.7	2.6	1.2	.5								75	75		
72/ 71			.1		.6	1.1	2.0	1.4	.6	.3								58	58		
70/ 69				.3	.9	2.0	2.2	1.9	.5									73	73		
68/ 67				.2	1.0	2.0	1.4	1.3	.4									59	59	17	
66/ 65		.4	.2	1.8	2.0	1.4	1.9	1.1	.5									88	88	40	1
64/ 63		.2	1.2	1.1	2.6	1.7	.5	.5	.3									76	76	87	
62/ 61		.8	1.4	1.2	2.4	1.2	.6											70	70	93	17
60/ 59		.3	.9	1.3	2.0	.5	.3											52	52	153	48
58/ 57		.8	.8	1.0	1.1	.9	.6											47	47	123	67
56/ 55		.6	1.0	1.0	1.6	1.2	.1											51	51	101	78
54/ 53		.3	.5	.9	.6	.2												24	24	98	87
52/ 51	.1	1.0	.4	1.2	1.0													34	34	60	128
50/ 49	.1	.5	.2	.3	.2													13	13	54	121
48/ 47		.1	.5	.9														14	14	41	90
46/ 45	.1		.1															2	2	38	82
44/ 43																				17	54
42/ 41																				8	48
40/ 39																					31
38/ 37																					38
36/ 35																					20
34/ 33																					15
32/ 31																					4
30/ 29																					1
TOTAL	.3	5.1	7.3	11.3	16.0	15.2	14.1	13.2	9.9	4.3	3.0	.3						930	930		930
																		930		930	

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.	3115674	51920	55.8	15.287	930							
Dry Bulb	4177984	61814	66.5	8.644	930			45.9	26.9	5.3		93
Wet Bulb	3000621	52355	56.5	5.748	930			1.7				93
Dew Point	2290007	45731	49.2	6.665	930		.5					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83										.1								1	1		
82/ 81										.1								1	1		
80/ 79							.3	.2		.2	.1							8	8		
78/ 77						.1	.8	.5	.6	.3								22	22		
76/ 75					.1	.4	1.0	1.0	.5		.2							30	30		
74/ 73					.2	.8	1.0	1.5	.2	.4	.1							39	39		
72/ 71				.3	1.0	1.9	1.0	.8		.2								48	48		
70/ 69			.1	1.0	2.0	3.0	1.3	.6	.1									76	76		
68/ 67		.1	.4	1.4	1.9	1.6	.8	.2	.1									61	61	8	
66/ 65		.3	.9	3.1	2.2	1.3	1.0	.4										85	85	24	
64/ 63		.4	2.9	1.8	1.8	1.5	.6	.1										86	86	59	10
62/ 61	.1	.9	2.8	1.9	2.4	1.0	.4	.1										87	87	104	27
60/ 59	.1	1.6	1.9	1.8	1.4	.6	.2											72	72	135	49
58/ 57	.1	1.8	2.5	2.5	.9	.5												77	77	110	89
56/ 55	.2	1.4	1.5	2.7	1.0	.4												67	67	110	127
54/ 53	.3	1.2	1.2	1.2	1.1	.1												47	47	106	86
52/ 51	.1	1.4	1.1	1.3	.4	.1												41	41	79	107
50/ 49	.1	1.9	1.5	1.3	.2													47	47	61	98
48/ 47		.9	.4	.4	.1													17	17	55	104
46/ 45	.1	.6	.5	.2														14	14	39	55
44/ 43	.1	.2																3	3	26	46
42/ 41		.1																1	1	11	51
40/ 39																				3	30
38/ 37																					30
36/ 35																					10
34/ 33																					7
32/ 31																					4
TOTAL	1.3	12.9	17.5	21.0	16.7	13.4	8.3	5.5	1.6	1.4	.4							930	930	930	930

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.	4443110	62676	67.4	15.359	930							
Dry Bulb	3656737	57839	62.2	8.009	930			28.6	10.1	.4		93
Wet Bulb	2891738	51576	55.5	5.817	930			.8				93
Dew Point	2408988	46934	50.5	6.593	930		.4					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2621) STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73					.1	.1												2	2		
72/ 71					.1	.1			.3									5	5		
70/ 69				.2	.1	.4	.3											10	10		
68/ 67			.4	.3	.2	.8	.1											17	17		
66/ 65		.3	1.8	1.3	1.4	.9	.1	.2										56	56	3	
64/ 63		.6	2.4	1.2	1.6	.8	.1											62	62	11	2
62/ 61	.2	1.5	2.9	2.3	1.0	.1	.2											76	76	40	22
60/ 59	.2	4.3	3.9	3.0	.8	.2												115	115	69	30
58/ 57	.1	4.3	2.7	2.5	.8	.9	.1											105	105	112	77
56/ 55	.9	4.4	2.5	1.5	.1													87	87	135	79
54/ 53	1.2	4.8	3.1	1.0	.1	.1												96	96	107	104
52/ 51	.6	4.3	2.3	.8	.1													75	75	110	121
50/ 49	.6	3.7	2.7	.8	.1													73	73	99	110
48/ 47	.1	2.9	1.4	.3	.1													45	45	74	92
46/ 45	1.2	2.6	.8	.3														45	45	65	83
44/ 43	.5	1.0	1.1															24	24	43	65
42/ 41	.3	1.3	.2															17	17	25	54
40/ 39		.8																7	7	19	32
38/ 37	.3	.6																9	9	10	24
36/ 35		.2																2	2	5	27
34/ 33		.1																1	1	2	4
32/ 31	.1																	1	1	1	4
TOTAL	6.5	37.7	28.1	15.4	6.6	4.3	1.0	.2	.3									930	930	930	930

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.	6241634	75274	80.9	12.663	930							
Dry Bulb	2914422	51650	55.5	7.029	930		.1	3.4	.2			93
Wet Bulb	2598751	48463	52.1	5.988	930		.1					93
Dew Point	2305917	45923	49.4	6.417	930		.4					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
62/ 61						.1												1	1		
60/ 59				.1														1	1		
58/ 57		.1	.4	.1	.3													9	9		
56/ 55		.1	.6	.7	.2													14	14	3	
54/ 53		1.0	1.4	.3														25	25	7	4
52/ 51	.2	2.3	1.2	.4		.3												41	41	20	5
50/ 49	1.2	2.7	1.2	.2	.1													49	49	62	32
48/ 47	.1	3.3	1.6	.1														46	46	45	39
46/ 45	1.4	5.0	1.9	.4	.1	.1												81	81	53	58
44/ 43	2.3	6.7	2.3	.4	.1													107	107	85	69
42/ 41	3.7	4.6	1.9	.4														95	95	115	106
40/ 39	3.2	6.1	1.3	.3														99	99	109	86
38/ 37	3.0	3.3	2.0	.2														77	77	97	92
36/ 35	2.9	3.7	1.2	.2														72	72	69	94
34/ 33	2.2	3.6	.4															56	56	78	70
32/ 31	1.8	3.9																51	51	51	69
30/ 29	1.9	1.4	.2															32	32	55	64
28/ 27	1.4	.7																19	19	24	51
26/ 25	1.1	.8																17	17	16	29
24/ 23	.4	.2																6	6	9	14
22/ 21																					13
20/ 19	.1	.1																2	2	2	3
18/ 17																					2
TOTAL	27.1	49.6	17.8	4.1	.9	.6													900		900
																		900		900	

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.	7002539	78843	87.6	10.314	900							
Dry Bulb	1541157	36663	40.7	7.279	900		12.7					90
Wet Bulb	1418332	35214	39.1	6.714	900		15.7					90
Dew Point	1283196	33400	37.1	6.971	900		24.5					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | SEP MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57		.2	.3				.2	.1										8	8		
56/ 55		.1		.1	.1													3	3	3	3
54/ 53		.3	.3	.3														13	13	5	
52/ 51		1.3	.4	.3														23	23	7	6
50/ 49	.9	3.3	1.2	.1	.2													56	56	32	20
48/ 47	1.0	2.9	.1		.1													37	37	61	38
46/ 45	.8	3.0	1.0		.1													44	44	43	42
44/ 43	2.6	7.7	.8	.1														100	100	63	53
42/ 41	2.4	5.4	2.3															92	92	99	76
40/ 39	3.7	7.0	1.7	.1														112	112	106	102
38/ 37	3.2	5.6	1.2															90	90	100	94
36/ 35	4.1	5.6	.9	.3														98	98	106	108
34/ 33	3.6	4.3	.3															74	74	93	93
32/ 31	2.6	3.8																57	57	56	76
30/ 29	3.0	1.9	.2															46	46	66	71
28/ 27	1.4	1.1																23	23	34	51
26/ 25	.8	.3																10	10	12	36
24/ 23	.9	.6																13	13	9	10
22/ 21	.1																	1	1	5	15
20/ 19																					6
TOTAL	31.0	55.3	11.3	1.4	.6		.2	.1											900		900
																		900		900	

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.	7286172	80558	89.5	9.169	900							
Dry Bulb	1428465	35319	39.2	6.870	900		15.0					90
Wet Bulb	1334628	34170	38.0	6.442	900		18.2					90
Dew Point	1221890	32608	36.2	6.709	900		26.5					90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59			.1															1	1		
58/ 57		.1	.1	.1		.1												4	4		
56/ 55		.2	.4	.7	.2		.2											16	16	4	1
54/ 53		.4	.4	.1		.1												14	14	4	2
52/ 51	.2	1.1	.9	.4	.1													25	25	11	2
50/ 49	.4	3.0	1.0	.6	.1													46	46	34	22
48/ 47	.7	3.4	1.2	.1	.1													50	50	49	31
46/ 45	1.2	4.7	1.3															65	65	58	54
44/ 43	1.9	5.9	1.7	.1														86	86	82	59
42/ 41	2.2	6.8	1.7															96	96	92	78
40/ 39	3.6	6.8	1.2	.2														106	106	110	97
38/ 37	3.6	5.6	1.6															96	96	104	115
36/ 35	4.7	6.9	1.2	.3														118	118	117	110
34/ 33	1.8	4.1	.6															58	58	75	89
32/ 31	2.4	3.7	.2															57	57	64	88
30/ 29	1.4	2.3	.2															36	36	56	54
28/ 27	.8	.7																13	13	27	50
26/ 25	.8	.1																8	8	7	24
24/ 23	.1	.4																5	5	4	12
22/ 21																				2	7
20/ 19																					5
TOTAL	25.8	56.2	14.3	2.7	.6	.2	.2												900		900
																		900		900	

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.	7100221	79465	88.3	9.661	900							
Dry Bulb	1482054	36024	40.0	6.681	900		11.9					90
Wet Bulb	1370355	34677	38.5	6.172	900		16.0					90
Dew Point	1246705	32997	36.7	6.409	900		24.0					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION — FORT SIMPSON NWT DOT STATION NAME — 57-66 YEARS — SEP MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73								.1										1	1		
72/ 71									.1									1	1		
70/ 69								.1										1	1		
68/ 67							.1	.1										2	2		
66/ 65					.3		.2											5	5		
64/ 63				.1	.2	.3	.1		.2	.1								10	10		
62/ 61				.2	.2	.2		.2										8	8		
60/ 59			.2	.7	.6	.7	.4											23	23	1	
58/ 57		.3	.3	1.3	.6	.1	.1											25	25	6	1
56/ 55			1.0	2.0	.8	.2												36	36	16	3
54/ 53		.3	1.3	1.6	.7	.1												36	36	14	3
52/ 51	.3	1.6	2.8	2.1	.2													63	63	45	15
50/ 49	.1	1.4	4.1	2.4	.6	.2												80	80	64	29
48/ 47	.1	2.4	4.0	2.2	.4													83	83	74	31
46/ 45	.6	4.0	4.2	1.1	.2	.1												92	92	96	75
44/ 43	1.3	6.1	5.1	1.2	.3													127	127	109	98
42/ 41	1.3	3.7	1.7	1.3	.2													74	74	129	101
40/ 39	1.2	4.7	2.0	.6														76	76	96	114
38/ 37	.9	2.7	2.4	.7														60	60	78	114
36/ 35	.3	3.1	2.0															49	49	70	82
34/ 33	.2	1.2	.9															21	21	40	67
32/ 31	.3	1.4	.4															20	20	39	40
30/ 29		.2	.1															3	3	15	52
28/ 27		.1																1	1	3	36
26/ 25	.2	.1																3	3	5	21
24/ 23																					12
22/ 21																					5
18/ 17																					1
TOTAL	7.0	33.4	32.7	17.6	5.3	2.0	1.0	.6	.3	.1								900		900	
																			900		900

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5551884	69646	77.4	13.439	900
Dry Bulb	1916563	40983	45.5	7.483	900
Wet Bulb	1632831	37931	42.1	6.169	900
Dew Point	1367218	34580	38.4	6.551	900

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		2.7	.5	.1			90
Wet Bulb		6.2					90
Dew Point		16.7					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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26210 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
SEP — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
78/ 77										.1									1	1		
76/ 75									.4	.3									7	7		
74/ 73								.1	.6										6	6		
72/ 71								.3	.1										4	4		
70/ 69						.2	.3	.2		.2									9	9		
68/ 67					.1	.2	.9	.2	.1	.1									15	15		
66/ 65					.2	.4	.3	.3	.3	.2	.1								18	18		
64/ 63					.8	1.0	.3	.3											22	22		
62/ 61				.8	1.6	1.2	1.0	.3											44	44	1	
60/ 59	.1	.2		.8	1.7	1.6	.7	.2											47	47	12	
58/ 57			.4	1.6	2.4	1.2	.1	.1											53	53	22	3
56/ 55			.3	1.7	3.6	1.0	.2	.1											62	62	34	
54/ 53		1.1	.9	3.4	2.7	.4	.2												79	79	38	5
52/ 51		1.2	1.8	1.8	1.2	.3													57	57	70	16
50/ 49	.1	.8	3.0	3.4	1.1	.4													80	80	95	49
48/ 47	.2	2.0	4.2	2.7	1.7	.4													101	101	111	52
46/ 45	.7	3.2	1.9	2.0	.7														76	76	111	85
44/ 43	.4	2.0	2.2	1.7	.8														64	64	118	95
42/ 41	.3	1.7	1.3	1.4	.2														45	45	67	118
40/ 39	.6	1.0	1.1	.7															30	30	68	108
38/ 37	.3	1.6	1.1	.9	.1														36	36	48	96
36/ 35	.3	1.4	1.2	.1															28	28	47	57
34/ 33	.2	.7	.4																12	12	29	54
32/ 31		.1																	1	1	23	46
30/ 29		.1																	1	1	3	40
28/ 27		.2																	2	2	1	32
26/ 25																					2	23
24/ 23																						8
22/ 21																						12
18/ 17																						1
TOTAL	3.3	17.3	20.0	22.9	18.8	8.6	4.1	2.3	1.6	1.0	.1								900	900		900
																			900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4263340	60218	66.9	16.141	900
Dry Bulb	2381605	45607	50.7	8.855	900
Wet Bulb	1862686	40526	45.0	6.488	900
Dew Point	1428201	35311	39.2	6.899	900

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		.4	4.2	1.4			90
Wet Bulb		2.9					90
Dew Point		16.2					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | SEP MONTH

1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79											.2							2	2		
78/ 77										.2								2	2		
76/ 75									.4	.4								8	8		
74/ 73								.2	.8									9	9		
72/ 71							.2	.2	.1									5	5		
70/ 69							.4	.3	.1	.1								9	9		
68/ 67					.3	.4	.3	.2	.3	.2								17	17		
66/ 65					.9	.6	.4	.3	.2	.2								24	24		
64/ 63				.3	.3	.8	.7	.9	.1	.2								30	30		
62/ 61				.3	.9	1.2	1.0	.8										38	38	1	
60/ 59		.3	.4	1.0	2.4	1.3	.7	.2	.1									59	59	23	
58/ 57			.2	1.7	3.1	2.2	.2	.3										70	70	31	3
56/ 55		.3	1.3	1.2	2.8	1.7	.7											72	72	23	2
54/ 53		1.3	.4	2.4	2.4	1.2	.1											76	76	39	12
52/ 51	.4	.4	1.4	1.6	1.8	.7												57	57	97	21
50/ 49	.3	.3	3.4	3.2	1.0	.1												76	76	93	53
48/ 47	.2	2.4	2.3	2.4	2.0	.3												88	88	102	56
46/ 45	.9	2.3	1.9	1.7	1.2	.2												74	74	126	65
44/ 43	.2	2.0	1.0	1.9	.3													49	49	101	103
42/ 41	.4	1.9	1.1	1.2	.2													43	43	72	106
40/ 39	.1	.3	2.0	.8	.1													30	30	56	104
38/ 37	.3	1.3	.6	.8	.3													30	30	46	90
36/ 35	.2	1.0	.2															13	13	42	58
34/ 33	.3	.4	.3	.2														12	12	25	65
32/ 31	.1		.6															6	6	11	56
30/ 29		.1																1	1	6	36
28/ 27																				6	23
26/ 25																					15
24/ 23																					17
22/ 21																					10
20/ 19																					2
18/ 17																					1
16/ 15																					1
14/ 13																					1

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT OUT STATION NAME | 57-66 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	3.7	14.7	17.7	20.8	20.2	10.8	4.8	3.6	2.2	1.4	.2							900	900	900	900

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.	4036595	58269	64.7	17.139	900							
Dry Bulb	2491507	46649	51.8	9.047	900		.7	5.2	2.1			90
Wet Bulb	1914667	41087	45.7	6.583	900		2.3					90
Dew Point	1439382	35400	39.3	7.229	900		16.2					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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26210 STATION — FORT SIMPSON NWT OUT STATION NAME — 57-66 YEARS — SEP MONTH

PAGE 1 — 1800-2000 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71								.2	.1									3	3		
70/ 69							.1	.4										5	5		
68/ 67					.1	.1	.3	.1										6	6		
66/ 65						.2	.1											3	3		
64/ 63				.4	.2	.2	.1	.1										10	10		
62/ 61			.4	.2	.3	.2		.2										13	13	1	
60/ 59			.6	.4	1.1	.3	.2	.2										26	26	1	
58/ 57		.4	1.0	1.0	1.0	.1	.2		.1									35	35	18	2
56/ 55		.4	1.6	1.8	1.1	.3	.2											49	49	23	5
54/ 53		2.1	1.4	1.0	1.0	.4		.1										55	55	25	12
52/ 51	.7	2.2	1.9	1.4	.1		.1											58	58	70	31
50/ 49	.7	1.7	3.9	2.7	.7	.2												88	88	65	45
48/ 47	.2	2.7	5.2	2.1	.4	.1												97	97	70	58
46/ 45	.7	5.0	4.4	1.4	.4	.1												109	109	111	62
44/ 43	1.2	3.3	2.8	1.2	.3													80	80	130	90
42/ 41	.6	4.7	2.0	.8	.1													73	73	88	118
40/ 39	.4	2.9	2.4	1.1														62	62	91	105
38/ 37	.4	1.4	1.2	.2	.1													31	31	53	77
36/ 35	.7	1.7	1.0	.4														34	34	53	70
34/ 33	.7	2.3	.3															30	30	38	52
32/ 31	.8	1.4	.2															22	22	37	69
30/ 29		.7	.3															9	9	15	38
28/ 27		.1																1	1	9	26
26/ 25		.1																1	1	2	15
24/ 23																					11
22/ 21																					10
20/ 19																					2
18/ 17																					2
TOTAL	7.0	33.2	30.8	16.3	7.1	2.4	1.4	1.4	.2									900	900	900	900

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.	5511824	69214	76.9	14.498	900							90
Dry Bulb	2025250	42086	46.8	7.978	900		3.3	1.4				90
Wet Bulb	1719737	38883	43.2	6.659	900		0.3					90
Dew Point	1441625	35433	39.4	7.202	900		17.3					90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2621 FORT SIMPSON NWT CAN — STATION NAME
57-66 — YEARS
SEP — MONTH

PAGE 1 2100-2300 HOUR

Tm F / C	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65							.2											2	2		
64/ 63						.2												2	2		
62/ 61					.1	.3												4	4		
60/ 59				.4	.3													7	7		
58/ 57		.2	.2	.4	.6													13	13		
56/ 55		.8	1.0	2.2														36	36	6	1
54/ 53		.9	1.9	.4	.1	.3												33	33	18	5
52/ 51	.9	2.0	1.2	.6	.3	.2												47	47	42	13
50/ 49	.4	2.4	1.6	.4	.1	.1												46	46	61	35
48/ 47	.6	4.0	2.2	1.1		.1												72	72	51	48
46/ 45	.6	6.6	3.3	.9														102	102	68	76
44/ 43	1.6	6.3	2.0	.4	.3													96	96	104	72
42/ 41	2.6	5.8	3.0	.6														107	107	119	93
40/ 39	1.9	6.0	1.3	.3														86	86	100	103
38/ 37	1.4	3.3	1.6	.9														65	65	93	105
36/ 35	1.7	3.1	1.2															54	54	59	82
34/ 33	.9	2.2	.8	.1														36	36	55	60
32/ 31	1.4	3.6	.3															48	48	58	61
30/ 29	1.6	.9	.3															25	25	36	59
28/ 27	.4	.7																10	10	17	35
26/ 25	.4	.2																6	6	9	19
24/ 23		.1																1	1	1	21
22/ 21	.2																	2	2	3	8
20/ 19																					3
18/ 17																					1
TOTAL	16.6	49.1	22.4	8.9	1.9	1.3	.2												900		900
																		900		900	

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.	6502330	75736	84.2	11.982	900							
Dry Bulb	1697778	38508	42.8	7.469	900		9.2					90
Wet Bulb	1522335	36525	40.6	6.673	900		12.4					90
Dew Point	1346685	34241	38.0	6.993	900		20.7					90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | OCT MONTH

PAGE 1 | 0000-0200 HOURS ... S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47					.3													3	3		
46/ 45		.3	.2	.4														9	9		
44/ 43	.4	1.2	1.0	.1	.1													26	26	10	5
42/ 41	.1	1.4	.2		.1													17	17	23	14
40/ 39	1.4	1.3	.6	.3														34	34	39	18
38/ 37	1.6	2.5	.4	.2														44	44	30	31
36/ 35	1.9	3.5	.5	.1														57	57	50	42
34/ 33	2.0	6.0	.5															80	80	65	49
32/ 31	2.4	6.6	.5															88	88	99	65
30/ 29	6.2	3.5	.3															94	94	113	109
28/ 27	3.4	3.5																65	65	71	85
26/ 25	2.9	4.6	.1															71	71	58	64
24/ 23	3.7	4.7																78	78	78	66
22/ 21	4.7	4.4																85	85	99	66
20/ 19	3.8	2.3																56	56	62	87
18/ 17	1.3	.6																18	18	24	73
16/ 15	1.9	1.5																32	32	36	33
14/ 13	1.4	1.1																23	23	23	20
12/ 11	.8	.4																11	11	17	35
10/ 9	1.1	.5																15	15	14	18
8/ 7	.8	.3																10	10	10	9
6/ 5	.4																	4	4	5	16
4/ 3	.1																	1	1	1	11
2/ 1	.5																	5	5	5	4
0/ -1	.1																	1	1	1	3
-2/ -3																					3
-4/ -5																					1
-6/ -7	.1																	1	1	1	
-8/ -9	.2																	2	2	2	
-10/-11																					1
-12/-13																					2
TOTAL	43.3	50.4	4.5	1.2	.5														930		930
																		930		930	

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.	7246363	81733	87.9	8.252	930							
Dry Bulb	770776	25472	27.4	8.872	930	.4	66.0					93
Wet Bulb	720010	24658	26.5	8.443	930	.4	71.3					93
Dew Point	619718	22486	24.2	9.047	930	1.0	77.1					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210	FORT SIMPSON NWT DOT	57-66	OCT
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0300-0900 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47				.2														2	2		
46/ 45			.2	.2	.4													8	8		
44/ 43		1.2		.2														13	13	2	
42/ 41	.3	1.0	.1	.1														14	14	21	4
40/ 39	1.8	1.4	.5	.1														36	36	30	33
38/ 37	1.1	1.5	.2	.2														28	28	31	22
36/ 35	2.2	3.0	.2															50	50	48	24
34/ 33	2.9	5.2																75	75	60	57
32/ 31	2.9	7.0	.3															95	95	84	71
30/ 29	4.7	6.7	.2															108	108	122	93
28/ 27	3.0	2.6	.2															54	54	65	99
26/ 25	3.7	3.2	.1															65	65	67	58
24/ 23	2.7	5.9																80	80	63	53
22/ 21	4.7	4.1																82	82	101	62
20/ 19	3.7	3.4																66	66	63	94
18/ 17	2.4	1.4																35	35	45	57
16/ 15	2.7	.8																32	32	37	50
14/ 13	2.5	.4																27	27	29	42
12/ 11	1.2	.6																17	17	14	30
10/ 9	1.1																	10	10	15	21
8/ 7	1.1	.3																13	13	13	14
6/ 5	.5																	5	5	5	14
4/ 3	.5																	5	5	5	10
2/ 1	.3																	3	3	3	9
0/ -1	.1	.1																2	2	2	3
-2/ -3																					3
-4/ -5	.1																	1	1	1	1
-6/ -7	.1																	1	1	1	
-8/ -9	.1																	1	1	1	1
-10/-11	.2																	2	2	2	2
-12/-13																					3
TOTAL	46.6	49.8	2.2	1.1	.4														930		930
																		930		930	

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.	7335766	82286	88.5	7.704	930							
Dry Bulb	718800	24486	26.3	8.931	930	.7	70.4					93
Wet Bulb	676528	23784	25.6	8.573	930	.7	73.8					93
Dew Point	586310	21690	23.3	9.305	930	1.3	79.0					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
50/ 49						.1												1	1		
48/ 47					.1	.1												2	2		
46/ 45				.3	.2													5	5		
44/ 43		.9	.1		.2													11	11		
42/ 41	.2	.8	.1															10	10	17	3
40/ 39	1.3	.9	.4	.1														25	25	21	20
38/ 37	1.0	1.9	.2															29	29	26	21
36/ 35	1.2	2.9	.2	.1														41	41	34	24
34/ 33	3.3	4.5	1.0															82	82	65	46
32/ 31	4.1	5.8	.4															96	96	91	81
30/ 29	4.4	6.3	.4															104	104	116	81
28/ 27	4.7	3.9																80	80	95	104
26/ 25	2.5	3.7																57	57	56	79
24/ 23	3.4	5.7	.1															86	86	69	54
22/ 21	3.0	3.2																58	58	81	70
20/ 19	4.2	2.7																64	64	75	61
18/ 17	3.2	1.4																43	43	45	59
16/ 15	2.4	1.5																36	36	30	58
14/ 13	1.7	1.0																25	25	30	43
12/ 11	1.5	.3																17	17	20	26
10/ 9	1.6	.5																20	20	20	22
8/ 7	1.8	.3																20	20	19	24
6/ 5	.5	.1																6	6	8	18
4/ 3	.6																	6	6	6	18
2/ 1																					6
0/ -1	.1																	1	1	1	2
-2/ -3	.1																	1	1	1	4
-4/ -5	.1																	1	1	1	1
-6/ -7																					1
-8/ -9																					1
-10/-11	.1																	1	1	1	
-12/-13																					1
-14/-15	.2																	2	2	2	
-18/-19																					2

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
OCT — MONTH

PAGE 2
0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
TOTAL	47.	48.3	3.0	.5	.5	.2													930	930		930
																			930		930	

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.	7310293	82129	88.3	7.862	930							
Dry Bulb	693113	24003	25.8	8.901	930	.6	72.4					93
Wet Bulb	651136	23296	25.0	8.531	930	.6	76.7					93
Dew Point	561060	21146	22.7	9.294	930	1.2	81.6					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57					.1		.1											2	2		
56/ 55								.1										1	1		
54/ 53							.4											4	4		
52/ 51				.1	.1		.1											3	3		
50/ 49			.1	.2		.2												5	5	1	
48/ 47		.2	.2	.1	.2													7	7		
46/ 45		.5	1.3	.2		.1												20	20	7	1
44/ 43	.1	1.0	.8	.3	.2													22	22	19	2
42/ 41	.1	1.3	.5	.4														22	22	23	16
40/ 39	.8	1.5	1.2	.2	.1													35	35	33	17
38/ 37	1.2	2.2	3.0	.3														62	62	41	34
36/ 35	1.7	5.1	2.4	.1														86	86	63	41
34/ 33	1.8	5.5	1.0															77	77	89	56
32/ 31	2.6	5.9	.3															82	82	107	75
30/ 29	2.7	4.8	.6															76	76	82	100
28/ 27	1.6	4.4	.5															61	61	61	90
26/ 25	1.6	4.4	.1															57	57	65	67
24/ 23	1.5	5.1	.5															66	66	60	52
22/ 21	2.9	5.3	.1															77	77	78	80
20/ 19	2.7	2.6																49	49	76	48
18/ 17	1.9	1.7																34	34	33	72
16/ 15	1.0	2.6																33	33	28	57
14/ 13	.8	1.1																17	17	27	31
12/ 11	.6	.4																10	10	14	25
10/ 9	.6	.1																7	7	8	22
8/ 7	.9																	8	8	8	15
6/ 5	.4																	4	4	4	13
4/ 3																					7
2/ 1	.1																	1	1	1	5
0/ -1	.1																	1	1	1	2
-4/ -5																					1
-6/ -7	.1																	1	1	1	
-10/-11																					1

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | OCT MONTH

PAGE 2 | 0900-1100 HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	27.8	55.6	12.7	2.0	.8	.3	.6	.1										930	930	930	930

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.	6613395	77791	83.6	10.706	930							
Dry Bulb	860139	26953	29.0	9.221	930	.2	58.4					93
Wet Bulb	769819	25601	27.5	8.370	930	.2	65.4					93
Dew Point	626744	22700	24.4	8.844	930	.4	76.3					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 64							.1	.1										2	2		
62/ 61						.1		.1	.1									3	3		
60/ 59						.3		.1										4	4		
58/ 57						.2	.3											5	5		
56/ 55					.3	.1	.1	.5	.1									11	11		
54/ 53					.2	.2												4	4	2	
52/ 51			.1	.4	.5		.1											11	11	2	
50/ 49		.1	.4	.8	.6	.2	.2											22	22	4	
48/ 47		.3	1.5	.6	.5	.1	.1											30	30	10	
46/ 45		1.0	1.1	1.4	.1	.2												35	35	24	1
44/ 43		.3	.8	1.7	.4													32	32	36	12
42/ 41		1.1	2.2	1.8	.2													49	49	34	22
40/ 39	1.3	2.3	2.7	1.2	.1													72	72	54	38
38/ 37	.3	2.3	2.7	.4	.1													54	54	76	37
36/ 35	1.0	2.4	2.9	.1														59	59	76	42
34/ 33	1.2	4.4	1.8	.2														71	71	69	70
32/ 31	1.4	4.1	1.2	.1														63	63	93	76
30/ 29	1.1	4.9	1.0															65	65	62	95
28/ 27	.8	4.3	1.7															63	63	59	87
26/ 25	1.1	7.1	.4															80	80	72	63
24/ 23	1.0	5.4	.4															63	63	83	60
22/ 21	.8	3.4																39	39	62	76
20/ 19	1.0	2.4	.3															34	34	36	73
18/ 17	.6	1.9																24	24	28	47
16/ 15		1.0																9	9	20	47
14/ 13	.2	1.1																12	12	8	31
12/ 11	.6	.4																10	10	16	11
10/ 9	.2	.2																4	4	3	11
8/ 7																				1	19
6/ 5																					8
4/ 3																					4
TOTAL	12.3	50.8	21.2	8.8	3.2	1.5	1.0	.9	.2										930		930
																		930		930	

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.	5743824	71946	77.4	13.842	930							
Dry Bulb	1104568	30638	32.9	10.124	930		46.6					93
Wet Bulb	928664	28300	30.4	8.524	930		54.3					93
Dew Point	701523	24275	26.1	8.549	930		70.8					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
OCT — MONTH

PAGE 1

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65								.2										2	2		
62/ 61									.1									1	1		
60/ 59						.2		.3										5	5		
58/ 57					.2	.2	.1	.1										6	6		
56/ 55					.2	.1	.4											7	7		
54/ 53				.2	.3	.1		.2										8	8		
52/ 51		.1	.1	.9	.8		.1											18	18	2	
50/ 49		.2	.5	.8	1.0		.2											25	25	6	
48/ 47	.1	.2	.5	1.3	.4	.3	.2											29	29	12	2
46/ 45		1.0	.5	.8	.4	.1												26	26	34	4
44/ 43		1.0	1.1	1.6	.1	.2												37	37	32	12
42/ 41	.6	1.3	1.8	1.6	.2													52	52	42	24
40/ 39	.3	2.6	2.4	1.3	.4													65	65	49	35
38/ 37	.3	1.8	3.4	.9	.1													61	61	67	34
36/ 35	.8	3.1	2.5	.1														60	60	69	49
34/ 33	1.4	3.7	1.1	.2														59	59	84	57
32/ 31	2.2	4.8	1.6															80	80	89	96
30/ 29	1.2	4.4	1.5															66	66	69	81
28/ 27	1.0	4.8	1.3															66	66	59	92
26/ 25	1.7	6.1	1.0															82	82	88	63
24/ 23	1.0	4.3	.4															53	53	68	65
22/ 21	.6	2.4	.1															29	29	51	82
20/ 19	.4	1.8	.1															22	22	28	61
18/ 17	1.4	1.8	.1															31	31	33	47
16/ 15	.5	.6																11	11	16	44
14/ 13	.4	.6																10	10	10	27
12/ 11	.3	.3																6	6	9	16
10/ 9	.8	.3																10	10	7	10
8/ 7	.1																	1	1	4	12
6/ 5	.2																	2	2	2	10
4/ 3																					5
2/ 1																					2
TOTAL	15.4	47.4	20.1	9.6	4.2	1.3	1.1	.9	.1									930	930	930	930

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.	5765568	72000	77.4	14.353	930							
Dry Bulb	1119221	30823	33.1	10.253	930		46.9					93
Wet Bulb	941263	28479	30.6	8.628	930		53.3					93
Dew Point	711364	24438	26.3	8.630	930		71.3					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55					.1													1	1		
54/ 53				.1		.1	.3											5	5		
52/ 51				.1		.2	.2											5	5		
50/ 49		.2	.3	.4	.4	.2												15	15		
48/ 47			.3	.6	.3	.1												13	13	5	1
46/ 45	.1	.5	.3	.5	.1	.3												18	18	6	1
44/ 43	.2	1.0	.9	.3	.1	.2												25	25	25	9
42/ 41	.3	1.8	1.5	.2	.2													38	38	28	17
40/ 39	1.0	1.7	2.0	.2														46	46	47	22
38/ 37	.9	2.9	1.6	.5	.1													56	56	44	27
36/ 35	.9	3.9	2.0	.3	.1													67	67	61	39
34/ 33	1.4	5.8	1.3	.1														80	80	77	67
32/ 31	3.8	4.4	1.0															85	85	120	88
30/ 29	1.7	4.6	.9															67	67	70	83
28/ 27	1.5	5.6	.4															70	70	70	86
26/ 25	3.7	6.8	.2															99	99	90	63
24/ 23	2.6	4.2																63	63	87	107
22/ 21	2.0	2.4																41	41	51	61
20/ 19	1.2	2.0	.1															31	31	36	71
18/ 17	1.9	2.4	.1															41	41	37	45
16/ 15	.5	.5																10	10	18	44
14/ 13	1.2	.5																16	16	17	25
12/ 11	.3	.3																8	8	9	18
10/ 9	.8	.1																8	8	10	9
8/ 7	.8	.3																10	10	9	14
6/ 5	.2																	2	2	3	9
4/ 3	.2																	2	2	2	8
2/ 1	.2																	2	2	2	5
0/ -1	.4																	4	4	4	2
-2/ -3	.2																	2	2	2	3
-4/ -5																					4
-6/ -7																					2
TOTAL	28.2	52.0	13.0	3.5	1.5	1.2	.5											930	930	930	930

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.	6567997	77367	83.2	11.912	930							
Dry Bulb	918502	27838	29.9	9.578	930	.6	56.1					93
Wet Bulb	815790	26360	28.3	8.596	930	.6	63.7					93
Dew Point	661624	23374	25.1	8.934	930	1.1	74.7					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | OCT MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49			.3		.3													6	6		
48/ 47			.2	.1	.2	.2												7	7		
46/ 45	.1	.2	.5	.8	.2	.1												18	18	9	1
44/ 43	.3	1.1	1.0	.1	.2													25	25	10	6
42/ 41	.3	1.1	.5	.2	.2													22	22	23	15
40/ 39	1.0	1.2	.6	.2														28	28	35	16
38/ 37	.8	3.0	1.5	.4														53	53	35	24
36/ 35	1.5	3.4	2.5															69	69	62	43
34/ 33	1.5	5.3	1.4															76	76	67	50
32/ 31	3.7	5.1	.6															85	85	105	84
30/ 29	3.5	4.4	.3															77	77	94	79
28/ 27	2.7	5.1	.8															79	79	75	73
26/ 25	2.8	4.6	.1															70	70	73	91
24/ 23	4.0	4.4																78	78	85	82
22/ 21	3.3	4.6																74	74	73	69
20/ 19	2.0	1.9																37	37	57	66
18/ 17	1.9	1.2	.1															30	30	25	65
16/ 15	1.8	1.3																29	29	33	39
14/ 13	1.0	.6																15	15	18	29
12/ 11	1.4	.9																21	21	20	25
10/ 9	.6	.1																7	7	11	19
8/ 7	.8																	7	7	7	13
6/ 5	.4																	4	4	4	16
4/ 3	.3																	5	5	5	9
2/ 1	.1	.1																2	2	1	5
0/ -1	.2																	2	2	3	3
-2/ -3	.2																	2	2	2	
-4/ -5	.2																	2	2	2	4
-6/ -7																					3
-8/ -9																					1
TOTAL	36.8	49.6	10.3	1.8	1.2	.3												930	930	930	930

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6897236	79524	85.5	10.227	930							93
Dry Bulb	814405	26159	28.1	9.199	930	.6	62.6					93
Wet Bulb	742366	25056	26.9	8.512	930	.7	69.3					93
Dew Point	617935	22449	24.1	9.047	930	1.1	77.5					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION — FORT SIMPSON NWT DOIT STATION NAME — 57-66 YEARS — NOV MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41			.1															1	1		
40/ 39		.1	.1															2	2	1	
38/ 37																				1	1
36/ 35																				1	1
32/ 31		.1																1	1		
30/ 29	.7	.5																10	10	8	4
28/ 27	.7	.2																8	8	9	7
26/ 25	1.8	.7																22	22	21	12
24/ 23	1.7	.2																17	17	19	18
22/ 21	1.5	1.4																25	25	21	18
20/ 19	2.0	.8																23	23	25	15
18/ 17	2.5	1.5																35	35	29	24
16/ 15	4.5	1.8																56	56	55	22
14/ 13	3.3	1.4																41	41	44	41
12/ 11	3.7	1.5																46	46	44	43
10/ 9	5.4	1.1																58	58	62	42
8/ 7	3.8	.5																38	38	41	42
6/ 5	4.7	.3																45	45	44	56
4/ 3	3.9	.6																40	40	40	41
2/ 1	3.8	.3																37	37	40	37
0/ -1	3.4	.2																32	32	31	41
-2/ -3	4.7	.2																44	44	44	31
-4/ -5	3.2	.5																32	32	31	35
-6/ -7	4.4	.8																46	46	47	35
-8/ -9	3.4	.6																35	35	34	36
-10/-11	3.7	.1																34	34	35	35
-12/-13	3.9	.3																38	38	37	50
-14/-15	3.0	.1																28	28	29	22
-16/-17	1.9	.2																19	19	20	29
-18/-19	1.7																	15	15	15	37
-20/-21	1.9																	17	17	17	21
-22/-23	1.6																	14	14	14	27
-24/-25	1.2																	11	11	11	11
-26/-27	.5																	4	4	4	20

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | NOV MONTH

PAGE 2 | 0000-0200 HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29	.6																	5	5	5	13
-30/-31	.5																	4	4	4	5
-32/-33	.1																	1	1	1	6
-34/-35	.5																	4	7	4	4
-36/-37																			4		3
-38/-39																			5		1
-44/-45																					1
-48/-49																					1
TOTAL	44.1	15.7	.2															888	900	888	888

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.	6099785	73317	82.6	7.235	888							
Dry Bulb	193816	1854	2.1	14.614	900	39.5	89.7					90
Wet Bulb	175993	2143	2.4	13.877	888	38.8	89.7					90
Dew Point	198367	-1371	-1.5	14.875	888	47.0	89.8					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41			.1	.1														2	2		
38/ 37				.1														1	1	1	
36/ 35																				1	
34/ 33																				1	1
32/ 31		.1																1	1		
30/ 29	.5	.3																7	7	7	3
28/ 27	.5	.5																8	8	7	9
26/ 25	1.7	.6																20	20	20	7
24/ 23	2.0	.5																22	22	21	22
22/ 21	1.0	.5																13	13	14	15
20/ 19	3.1	.7																33	33	31	13
18/ 17	1.4	1.0																21	21	21	25
16/ 15	4.4	1.2																50	50	50	22
14/ 13	3.3	1.7																44	44	39	38
12/ 11	4.6	1.9																58	58	57	34
10/ 9	4.1	1.2																47	47	49	45
8/ 7	3.2	1.8																44	44	47	47
6/ 5	4.0	.3																38	38	42	43
4/ 3	3.5	.8																38	38	38	48
2/ 1	3.5	.3																34	34	34	34
0/ -1	3.6	.5																36	36	35	35
-2/ -3	5.6	.1																51	51	52	32
-4/ -5	4.7	.7																48	48	47	39
-6/ -7	4.7	.3																45	45	45	38
-8/ -9	3.8																	34	34	36	45
-10/-11	3.6	.5																36	36	36	42
-12/-13	3.3	.5																33	33	31	47
-14/-15	2.9	.1																27	27	28	24
-16/-17	2.5	.2																24	24	24	32
-18/-19	1.5																	13	13	14	31
-20/-21	1.2	.1																12	12	12	24
-22/-23	1.4																	12	12	12	20
-24/-25	1.5																	13	13	13	19
-26/-27	.1																	1	1	1	12

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2621 FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
NOV — MONTH

PAGE 2 0300-0500 — HOURS (L.S.T.)

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29	.3																	4	4	4	10
-30/-31	1.4																	12	12	12	13
-32/-33	.1																	1	2	1	3
-34/-35	.2																	2	6	2	7
-36/-37																			4		4
-38/-39																			5		2
-40/-41																			1		
TOTAL	3,316.4	.1	.2															885	900	885	885

Element X	Σ_X^2	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6025610	72716	82.3	7.071	884							
Dry Bulb	193706	1380	1.5	14.598	900	41.9	89.7					90
Wet Bulb	169541	1767	2.0	13.704	885	41.2	89.7					90
Dew Point	194080	-1784	-2.0	14.679	885	48.7	89.9					90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) NOV (MONTH)

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

Temp. F	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
34/ 33			.1															1	1		
32/ 31		.5																4	4		
30/ 29	.1	.7																7	7	8	3
28/ 27	.8	.3																10	10	11	10
26/ 25	.6	.5																9	9	11	7
24/ 23	1.1	.5																14	14	13	12
22/ 21	1.7	1.0																24	24	22	7
20/ 19	2.7	1.1																34	34	31	21
18/ 17	1.8	1.6																30	30	28	28
16/ 15	3.6	1.2																43	43	46	24
14/ 13	3.5	.3																34	34	39	37
12/ 11	6.1	1.1																64	64	60	37
10/ 9	4.4	1.1																49	49	51	38
8/ 7	4.5	1.0																49	49	48	58
6/ 5	3.5	1.6																45	45	43	46
4/ 3	3.3	.2																31	31	35	33
2/ 1	3.8	.6																39	39	40	46
0/ -1	3.7	.3																36	36	35	29
-2/ -3	3.6	.5																36	36	37	40
-4/ -5	5.0	.3																47	47	46	42
-6/ -7	3.4	.3																33	33	35	31
-8/ -9	3.8	.1																35	35	34	37
-10/-11	4.6	.5																45	45	43	36
-12/-13	3.8	.2																36	36	38	40
-14/-15	3.7	.1																34	34	35	30
-16/-17	2.5	.1																23	23	22	34
-18/-19	1.6																	14	14	15	35
-20/-21	1.7																	15	15	15	34
-22/-23	.8																	7	7	7	19
-24/-25	.8																	7	7	7	13
-26/-27	1.4																	12	12	12	9
-28/-29	1.0																	9	9	9	12
-30/-31	.8																	7	7	7	15
-32/-33	.2																	2	2	2	10

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) NOV (MONTH)

PAGE 2 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-34/-35	.1																	1	4	1	3
-36/-37																			2		2
-38/-39																			5		4
-40/-41																			2		
-42/-43																			2		
TOTAL	14.1	15.8	.1															886	900	886	886

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.	6019862	72778	82.1	6.866	886							
Dry Bulb	192444	1086	1.2	14.581	900	41.3	89.9					90
Wet Bulb	168598	1470	1.7	13.702	886	40.6	90.0					90
Dew Point	195080	-2120	-2.4	14.653	886	48.7	90.0					90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | NOV MONTH

PAGE 1 | 0900-1100 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
34/ 33		.1																1	1		
32/ 31		.2																2	2	2	
30/ 29	.2	.9																10	10	8	3
28/ 27	.2	.8																9	9	9	6
26/ 25	.7	.9																14	14	11	10
24/ 23	.2	1.5																15	15	12	7
22/ 21	1.1	1.8																26	26	29	13
20/ 19	1.9	3.1																45	45	34	20
18/ 17	2.5	1.7																37	37	44	28
16/ 15	2.7	2.4																45	45	47	32
14/ 13	2.2	1.3																32	32	35	43
12/ 11	4.4	2.0																57	57	52	40
10/ 9	4.9	1.5																57	57	61	35
8/ 7	4.5	1.8																54	54	53	58
6/ 5	4.3	.8																45	45	50	54
4/ 3	3.0	1.0																36	36	33	34
2/ 1	3.1	.8																35	35	35	47
0/ -1	3.7	.2																35	35	39	40
-2/ -3	2.7	.4																28	28	28	33
-4/ -5	4.9	.4																48	48	47	35
-6/ -7	4.9																	44	44	46	33
-8/ -9	4.2	.2																39	39	38	34
-10/-11	4.9	.4																48	48	47	48
-12/-13	2.8	.4																29	29	29	52
-14/-15	1.7																	15	15	17	38
-16/-17	2.0																	18	18	18	27
-18/-19	1.6																	14	14	14	31
-20/-21	1.3																	12	12	12	18
-22/-23	1.0	.1																10	10	10	12
-24/-25	1.2	.1																12	12	11	12
-26/-27	.9																	8	8	9	12
-28/-29	.8																	7	7	7	12
-30/-31	.1																	1	1	1	3
-32/-33																					11

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | NOV MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-34/-35	.1																	1	3	1	5
-36/-37																			3		2
-38/-39																			2		1
-40/-41																			2		
-42/-43																			2		
TOTAL	74.925.1																		900		889
																		889		889	

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.	5943319	72425	81.5	6.959	889							
Dry Bulb	186576	2356	2.6	14.166	900	38.0	89.9					90
Wet Bulb	163945	2543	2.9	13.283	889	37.9	90.0					90
Dew Point	177582	-1200	-1.3	14.077	889	46.5	90.0					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION — FORT SIMPSON NWT DUT STATION NAME — 57-66 YEARS — NOV MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37		.1																1	1		
36/ 35		.2																2	2	1	
34/ 33	.1	.4																5	5	4	1
32/ 31	.1	.4																5	5	4	5
30/ 29		.6	.1															6	6	4	4
28/ 27	.3	1.3																15	15	13	3
26/ 25	.3	2.1																22	22	13	10
24/ 23	1.6	1.6																28	28	34	12
22/ 21	1.1	3.7																43	43	34	28
20/ 19	2.0	3.9																53	53	56	21
18/ 17	1.6	2.8	.1															40	40	42	39
16/ 15	1.1	2.7																34	34	35	49
14/ 13	3.0	3.8																61	61	49	38
12/ 11	2.3	2.0																39	39	56	39
10/ 9	3.0	2.4																49	49	44	37
8/ 7	2.7	2.4																46	46	44	44
6/ 5	4.3	1.8																55	55	61	51
4/ 3	2.9	1.2																37	37	42	35
2/ 1	2.8	.9																33	33	34	49
0/ -1	3.4	.7																37	37	39	37
-2/ -3	5.5	1.1																59	59	57	48
-4/ -5	4.3	.6																44	44	43	42
-6/ -7	2.7	.6																29	29	32	37
-8/ -9	4.0	.4																40	40	39	61
-10/-11	2.8	.1																26	26	28	33
-12/-13	1.8	.1																17	17	18	42
-14/-15	1.4																	13	13	13	92
-16/-17	2.3	.2																23	23	21	16
-18/-19	1.4																	13	13	15	16
-20/-21	.9																	8	8	8	14
-22/-23	.4																	4	4	4	25
-24/-25	.2																	2	2	2	11
-26/-27	.1																	1	1	1	4
-28/-29	.3																	3	3	3	2

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | NOV MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-30/-31	.3																	3	3	3	4
-32/-33	.2																	2	2	2	2
-34/-35	.1																	1	2	1	1
-36/-37																					3
-38/-39																					1
-40/-41																					1
-42/-43																					1
-48/-49																					1
TOTAL	61.6	38.2	.2															899	900	899	899

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.	5762232	71596	79.8	7.292	897							
Dry Bulb	187497	5153	5.7	13.257	900	32.6	89.2					90
Wet Bulb	174664	4790	5.3	12.887	899	32.9	89.5					90
Dew Point	171608	746	.8	13.799	899	43.4	89.9					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37		.1																1	1		
36/ 35																				1	
34/ 33		.2																2	2		1
32/ 31	.3	.4																7	7	6	3
30/ 29		.7																6	6	7	6
28/ 27	.7	1.7																21	21	14	5
26/ 25	.3	1.0																12	12	15	12
24/ 23	1.3	1.3																24	24	20	8
22/ 21	1.6	2.8																39	39	29	25
20/ 19	1.3	2.9																38	38	44	25
18/ 17	2.4	3.8																56	56	51	28
16/ 15	2.3	2.6																44	44	53	38
14/ 13	4.1	3.1																65	65	64	50
12/ 11	1.6	1.4																27	27	30	49
10/ 9	2.9	1.3																38	38	40	43
8/ 7	3.3	1.4																43	43	45	39
6/ 5	3.4	1.2																42	42	40	39
4/ 3	3.6	1.0																41	41	45	33
2/ 1	4.9	.9																52	52	50	38
0/ -1	2.7																	24	24	28	39
-2/ -3	5.7	1.4																64	64	59	54
-4/ -5	5.1	.4																50	50	53	37
-6/ -7	3.4	.6																36	36	37	43
-8/ -9	2.8																	26	26	27	46
-10/-11	3.0	.4																31	31	28	47
-12/-13	2.3																	21	21	24	43
-14/-15	1.9																	17	17	17	25
-16/-17	1.1	.1																11	11	10	27
-18/-19	2.2																	20	20	21	16
-20/-21	1.0	.3																12	12	9	18
-22/-23	.8																	7	7	10	19
-24/-25	.6																	5	5	5	7
-26/-27	.2																	2	2	2	12
-28/-29	.2																	2	2	2	7

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

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-30/-31	.7																	6	6	6	4
-32/-33	.9																	8	8	8	4
-34/-35																					5
-36/-37																					3
-38/-39																					4
-40/-41																					1
-42/-43																					1
TOTAL	98.8	31.2																	900		900
																		900		900	

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.	5983726	73086	81.2	7.357	900							
Dry Bulb	189844	4192	4.7	13.764	900	34.2	89.7					90
Wet Bulb	180747	3873	4.3	13.510	900	34.6	89.9					90
Dew Point	184519	89	.1	14.326	900	45.8	89.9					90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
30/ 29	.4	.8																11	11	8	2
28/ 27	.9	.9																16	16	13	14
26/ 25	.6	1.2																16	16	17	11
24/ 23	.4	.9																12	12	13	8
22/ 21	1.9	1.1																27	27	24	16
20/ 19	2.2	1.3																32	32	34	21
18/ 17	3.2	2.6																52	52	47	23
16/ 15	3.1	1.6																42	42	45	33
14/ 13	4.3	1.9																56	56	57	46
12/ 11	3.3	1.6																44	44	41	44
10/ 9	2.9	1.4																39	39	38	46
8/ 7	4.5	1.7																55	55	59	38
6/ 5	3.2	1.0																38	38	40	40
4/ 3	3.8	.3																37	37	39	51
2/ 1	3.6	.7																38	38	38	38
0/ -1	3.8	.6																39	39	38	39
-2/ -3	3.7	.7																39	39	40	31
-4/ -5	4.3	.9																47	47	43	39
-6/ -7	5.9	.9																61	61	64	34
-8/ -9	2.6	.3																26	26	28	46
-10/-11	2.9	.2																28	28	29	51
-12/-13	3.1																	28	28	28	43
-14/-15	2.6	.1																24	24	23	32
-16/-17	2.2																	20	20	21	29
-18/-19	1.2																	11	11	11	27
-20/-21	1.4																	13	13	13	21
-22/-23	1.0	.2																11	11	10	16
-24/-25	.8																	7	7	8	7
-26/-27	.9																	8	8	8	7
-28/-29	.7																	6	6	6	9
-30/-31	.2																	2	2	2	10
-32/-33	1.0																	9	9	9	8
-34/-35	.4																	4	3	4	7
-36/-37																			1		2

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-38/-39																					7
-40/-41																					2
TOTAL	77.	222.	8															898	900	898	898

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.	6118594	73842	82.2	7.209	898							
Dry Bulb	185091	2593	2.9	14.056	900	38.5	90.0					90
Wet Bulb	177676	2432	2.7	13.806	898	38.6	90.0					90
Dew Point	194744	-1132	-1.3	14.680	898	46.8	90.0					90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT OUT (STATION NAME) 57-66 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39		.1																1	1		
38/ 37																				1	
36/ 35																					1
32/ 31		.1																1	1		
30/ 29	.3	.8																10	10	8	2
28/ 27	.7	.3																9	9	10	8
26/ 25	1.5	.8																20	20	19	13
24/ 23	1.1	.7																16	16	15	15
22/ 21	1.3	.9																20	20	21	14
20/ 19	2.3	.7																27	27	25	15
18/ 17	2.3	1.6																35	35	29	24
16/ 15	3.8	2.2																54	54	56	24
14/ 13	3.9	1.0																44	44	48	36
12/ 11	3.6	1.9																49	49	45	47
10/ 9	3.2	1.9																46	46	49	42
8/ 7	2.9	.8																33	33	37	39
6/ 5	6.2	.8																62	62	61	38
4/ 3	4.0	1.1																46	46	45	37
2/ 1	3.4																	30	30	34	44
0/ -1	3.1	.4																32	32	29	55
-2/ -3	3.6	.7																38	38	39	26
-4/ -5	4.1	.6																42	42	41	22
-6/ -7	6.4	.3																60	60	63	37
-8/ -9	3.5	.3																34	34	33	40
-10/-11	3.0	.1																28	28	29	44
-12/-13	2.6	.1																24	24	24	50
-14/-15	3.6	.2																34	34	33	30
-16/-17	2.2	.2																22	22	22	19
-18/-19	1.6																	14	14	15	35
-20/-21	1.1	.1																11	11	10	21
-22/-23	1.1																	10	10	11	28
-24/-25	1.2																	11	11	11	8
-26/-27	.7																	6	6	6	12
-28/-29	.8																	7	7	7	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	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FLINT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | NOV MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-30/-31	.9																	8	8	8	10
-32/-33	.7																	6	6	6	9
-34/-35	.4																	4	4	4	5
-36/-37																			5		5
-38/-39																					5
-40/-41																			1		3
-42/-43																					1
TOTAL	1.218.8																		900		894
																		894		894	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6065871	73267	82.1	7.330	892							
Dry Bulb	190104	1722	1.9	14.415	900	39.7	89.9					90
Wet Bulb	177822	1770	2.0	13.972	894	39.4	89.9					90
Dew Point	203136	-1840	-2.1	14.941	894	47.8	89.9					90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26710 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) DEC (MONTH)

PAGE 1 0000-0200 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
32/ 31	.1																	1	1	1	
30/ 29																					1
22/ 21	.2																	2	2	2	
20/ 19	.3																	4	4	4	2
18/ 17		.1																1	1		4
16/ 15	.9	.1																9	9	10	
14/ 13	1.2	.7																17	17	16	5
12/ 11	.8	.3																11	11	11	14
10/ 9	2.4	.6																26	26	24	11
8/ 7	2.5	.2																24	24	26	14
6/ 5	3.6	.1																33	33	34	20
4/ 3	4.3	.6																43	43	39	23
2/ 1	5.0	.2																46	46	48	33
0/ -1	4.6	.2																43	43	45	37
-2/ -3	5.1	.3																49	49	48	41
-4/ -5	6.0	.3																57	57	55	45
-6/ -7	6.0	.3																56	56	57	47
-8/ -9	6.6	.6																63	63	64	36
-10/-11	3.9	.2																36	36	36	65
-12/-13	5.2	.3																50	50	49	53
-14/-15	3.6	.3																35	35	35	52
-16/-17	2.4	.1																23	23	24	37
-18/-19	3.6	.2																34	34	34	38
-20/-21	5.4	.1																49	49	49	43
-22/-23	3.9	.2																36	36	36	27
-24/-25	3.7	.1																34	34	34	31
-26/-27	2.6																	23	23	24	35
-28/-29	2.4																	21	21	21	31
-30/-31	2.6	.1																24	24	24	41
-32/-33	2.0																	18	18	18	29
-34/-35	1.8	.1																15	22	15	18
-36/-37																			8		15
-38/-39																			9		18
-40/-41																			8		11

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

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2621 FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
DEC — MONTH

PAGE 2 0000-0200 HOURS L.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-42/-43																			6		2
-44/-45																			5		9
-46/-47																			2		
-48/-49																			2		
TOTAL	2.9	7.1																	930		883
																		883		883	

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.	5397932	68716	77.8	7.558	883							
Dry Bulb	286815	-9885	-10.6	13.987	930	71.3	93.0					93
Wet Bulb	212371	-8081	-9.2	12.527	883	70.4	93.0					93
Dew Point	338838	-12524	-14.2	13.519	883	79.6	93.0					93

USAFETAC FORM 0-265 (OL-A)

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION NO.) FORT SIMPSON NWT OCT (STATION NAME) 57-66 (YEARS) DEC (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37		.1																1	1	1	
36/ 35																					1
30/ 29	.2																	2	2	2	
28/ 27	.2																	2	2	2	2
26/ 25	.1	.1																2	2	1	2
24/ 23																				1	1
20/ 19																					1
18/ 17	.3																	3	3	3	
16/ 15	.2	.6																7	7	5	3
14/ 13	.7	.1																7	7	9	
12/ 11	2.0	.1																18	18	17	8
10/ 9	2.4	.6																26	26	24	13
8/ 7	3.1	.3																30	30	32	16
6/ 5	3.8	.3																36	36	35	24
4/ 3	2.5	.5																26	26	24	33
2/ 1	4.6	.8																47	47	48	27
0/ -1	5.7	.8																56	56	57	28
-2/ -3	5.3	.8																53	53	52	34
-4/ -5	4.9	.6																47	47	46	56
-6/ -7	5.3	.2																48	48	51	51
-8/ -9	5.2	.5																49	49	48	36
-10/-11	8.1	.7																76	76	73	43
-12/-13	6.8	.2																61	61	65	57
-14/-15	3.6	.1																32	32	33	49
-16/-17	2.9																	25	25	25	73
-18/-19	2.0	.2																19	19	18	47
-20/-21	4.1																	35	35	36	33
-22/-23	3.0	.1																27	27	26	24
-24/-25	4.9	.1																43	43	43	22
-26/-27	3.0																	26	26	27	26
-28/-29	1.9																	16	16	16	21
-30/-31	2.3																	20	20	20	45
-32/-33	1.3																	11	11	11	26
-34/-35	1.2	.3																13	20	12	18

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | DEC MONTH

PAGE 2 | 0300-0500 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-36/-37																			20	1	12
-38/-39																			12		8
-40/-41																			9		17
-42/-43																			9		3
-44/-45																			7		3
-46/-47																			2		
-48/-49																					1
TOTAL	91.7	8.3																	930		864
																		864		864	

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.	5287054	67326	77.9	6.873	864							
Dry Bulb	2960B0	-9912	-10.7	14.318	930	72.3	92.9					93
Wet Bulb	194585	-7403	-8.6	12.328	864	71.0	92.9					93
Dew Point	310916	-11728	-13.6	13.259	864	78.9	92.9					93

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT ONT STATION NAME | 57-66 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39			.1															1	1		
38/ 37			.1															2	2		
36/ 35	.1																	1	1	2	
34/ 33																				2	1
32/ 31		.1																1	1		
30/ 29		.2																2	2	1	3
28/ 27																				2	
26/ 25																					1
24/ 23																					2
22/ 21	.1																	1	1	1	
20/ 19																					1
18/ 17	.6	.3																8	8	5	
16/ 15	.2	.3																5	5	6	3
14/ 13	.1	.1																2	2	4	6
12/ 11	2.3	1.3																31	31	21	3
10/ 9	2.2	.2																21	21	30	7
8/ 7	2.8	.2																26	26	25	29
6/ 5	3.7	.5																36	36	36	24
4/ 3	3.1	.9																35	35	33	26
2/ 1	4.8	.5																45	45	47	29
0/ -1	4.1	.3																38	38	39	27
-2/ -3	5.8	.9																58	58	53	39
-4/ -5	5.3	.7																52	52	56	43
-6/ -7	4.5	.8																46	46	44	41
-8/ -9	5.7	.2																51	51	53	50
-10/-11	9.2	.5																83	83	85	54
-12/-13	5.1																	44	44	44	43
-14/-15	3.7	.1																33	33	33	56
-16/-17	4.3																	37	37	37	67
-18/-19	3.3	.2																30	30	29	41
-20/-21	2.6																	22	22	23	41
-22/-23	3.5																	30	30	30	35
-24/-25	3.4	.1																30	30	29	24
-26/-27	1.7																	15	15	16	28

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION | FORT SIMPSON NWT DOT STATION NAME | 57-66 YEARS | DEC MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-28/-29	1.4	.2																14	14	12	16
-30/-31	2.7	.1																24	24	26	25
-32/-33	2.6	.1																23	24	23	20
-34/-35	1.5																	13	20	13	14
-36/-37																			20		24
-38/-39																			19		12
-40/-41																			4		16
-42/-43																			9		
-44/-45																			7		5
-46/-47																			3		
-48/-49																					3
-52/-53																					1
TOTAL	20.5	9.2	.3															860	930	860	860

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.	5246447	66893	77.8	7.103	860							
Dry Bulb	304795	-9865	-10.6	14.678	930	71.3	92.6					93
Wet Bulb	196785	-7231	-8.4	12.582	860	69.8	92.6					93
Dew Point	312978	-11554	-13.4	13.552	860	78.4	92.9					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39				.1														1	1		
38/ 37			.3	.1														4	4		
36/ 35	.1																	1	1	2	1
34/ 33		.1																1	1	3	
32/ 31																				2	
30/ 29																					2
28/ 27		.1																1	1	1	2
24/ 23																					3
22/ 21		.1																1	1	1	
20/ 19		.2																2	2		
18/ 17	.3	.3																6	6	8	1
16/ 15		.2																2	2		2
14/ 13	.5	.6																9	9	8	3
12/ 11	1.4	.5																16	16	17	7
10/ 9	2.7	1.0																33	33	33	6
8/ 7	2.9	.9																33	33	31	19
6/ 5	3.0	1.5																39	39	37	27
4/ 3	2.1	1.1																28	28	30	33
2/ 1	3.1	.7																33	33	36	29
0/ -1	[illegible]	1.3																57	57	55	31
-2/ -		.5																56	56	59	31
-4/ -5	0.6	.2																60	60	60	45
-6/ -7	4.8																	42	42	42	61
-8/ -9	6.2	.3																57	57	57	55
-10/-11	7.3	.2																66	66	65	46
-12/-13	4.0	.2																37	37	37	57
-14/-15	4.2																	37	37	35	46
-16/-17	4.7	.1																42	43	42	41
-18/-19	2.7	.1																25	25	24	43
-20/-21	4.5																	39	39	40	44
-22/-23	3.1	.1																28	28	28	36
-24/-25	2.1																	18	18	18	24
-26/-27	1.7																	15	15	15	37
-28/-29	2.3																	20	20	20	17

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

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) DEC (MONTH)

PAGE 2 0900-1100 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-30/-31	2.6																	23	23	23	23
-32/-33	2.7	.1																25	26	24	14
-34/-35	1.9																	17	22	18	28
-36/-37																			16		17
-38/-39																			11		22
-40/-41																			10		15
-42/-43																			2		2
-44/-45																			5		2
-46/-47																			5		2
TOTAL	8.8	10.6	.3	.2														874	930	874	874

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.	5272961	67611	77.4	6.994	874							
Dry Bulb	295038	-9454	-10.2	14.633	930	72.0	92.3					93
Wet Bulb	206827	-7391	-8.5	12.858	874	70.8	92.5					93
Dew Point	321030	-11856	-13.6	13.946	874	78.6	92.9					93

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

6021 FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
DEC — MONTH

PAGE 1
1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39			.1	.5														6	6		
38/ 37			.1															1	1		
36/ 35																				1	
34/ 33																				6	
32/ 31		.1																1	1		1
30/ 29		.1																1	1	2	
28/ 27																					4
26/ 25																					1
24/ 23																					2
22/ 21																					1
20/ 19	.1	.4																5	5	1	
18/ 17	.2	.3																5	5	7	
16/ 15	.5	.4																9	9	8	2
14/ 13	.9	.9																16	16	13	8
12/ 11	1.4	1.2																24	24	26	8
10/ 9	2.3	.5																26	26	27	16
8/ 7	3.0	1.2																38	38	37	21
6/ 5	3.0	1.4																40	40	38	32
4/ 3	1.8	.5																21	21	29	27
2/ 1	4.0	.5																41	41	41	36
0/ -1	7.3	.7																72	72	74	18
-2/ -3	5.8	.2																55	55	57	36
-4/ -5	7.5	.4																72	72	71	49
-6/ -7	6.8	.2																64	64	64	75
-8/ -9	4.5	.5																46	46	46	59
-10/-11	5.2	.7																53	53	52	62
-12/-13	3.1	.3																31	31	31	54
-14/-15	4.5	.3																44	44	45	46
-16/-17	2.9																	26	26	27	34
-18/-19	3.0	.2																29	29	27	42
-20/-21	3.1	.1																29	29	31	39
-22/-23	3.6	.2																35	35	33	17
-24/-25	2.3	.2																23	23	25	28
-26/-27	2.3																	21	21	21	38

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 — STATION
FORT SIMPSON NWT DOT — STATION NAME
57-66 — YEARS
DEC — MONTH

1200-1400 — HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29	2.4	.1																23	23	22	26
-30/-31	2.6																	24	24	25	20
-32/-33	1.9																	17	17	17	27
-34/-35	1.2																	11	16	11	24
-36/-37	.1																	1	7	1	24
-38/-39																					14
-40/-41																			2		10
-42/-43																			1		6
-44/-45																			6		2
-46/-47																					1
TOTAL	57.1	12.1	.2	.5														910	930	910	910

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.	5383203	69619	76.6	7,508	909							
Dry Bulb	238536	-7476	-8.0	13.860	930	69.6	92.3					93
Wet Bulb	204087	-6841	-7.5	12.959	910	69.5	92.3					93
Dew Point	320986	-11664	-12.8	13.735	910	76.8	93.0					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 STATION
FORT SIMPSON NWT DOT STATION NAME
57-66 YEARS
DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35			.3															3	3		
34/ 33				.1														1	1		
32/ 31			.2															2	2	3	
30/ 29																				1	
28/ 27		.1																1	1	3	2
26/ 25																					2
24/ 23	.1																	1	1	1	1
22/ 21																					1
20/ 19	.1																	1	1	1	1
18/ 17	.7	.2																9	9	6	1
16/ 15	.3	.3																6	6	8	4
14/ 13	.4	.8																11	11	10	6
12/ 11	2.2	.9																28	28	27	5
10/ 9	2.0	.9																26	26	27	10
8/ 7	2.6	.8																30	30	27	26
6/ 5	3.5	2.1																50	50	43	26
4/ 3	2.2	.8																27	27	35	34
2/ 1	3.2	.7																35	35	34	27
0/ -1	5.0	.9																53	53	51	31
-2/ -3	5.0	1.2																56	56	61	35
-4/ -5	6.0	.4																58	58	56	44
-6/ -7	6.2	.7																62	62	63	57
-8/ -9	5.0	.2																47	47	49	59
-10/-11	6.2	.4																60	60	58	59
-12/-13	5.1	.4																50	50	50	52
-14/-15	4.1																	37	37	40	41
-16/-17	3.7	.1																34	34	34	62
-18/-19	2.3	.1																22	22	21	34
-20/-21	4.1	.1																38	38	39	38
-22/-23	3.5																	31	31	31	31
-24/-25	1.8																	16	16	16	33
-26/-27	3.3																	30	30	30	30
-28/-29	3.6	.2																34	34	32	23
-30/-31	2.2																	20	20	22	25

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

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-32/-33	1.3																	12	12	12	22
-34/-35	.6	.1																6	11	6	30
-36/-37																			8		22
-38/-39																			5		10
-40/-41																			8		5
-42/-43																			3		2
-44/-45																			2		3
-46/-47																			2		
-52/-53																					3
TOTAL	46.6	12.7	.6	.1															930		897
																		897		897	

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.	5391146	69170	77.1	7.995	897							
Dry Bulb	249868	-8230	-8.8	13.805	930	69.9	92.6					93
Wet Bulb	197465	-7079	-7.9	12.571	897	69.6	93.0					93
Dew Point	314800	-11750	-13.1	13.400	897	77.9	93.0					93

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 — STATION NUMBER
FORT SIMPSON N.W.T. DOT — STATION NAME
57-66 — YEARS
DEC — MONTH

PAGE 1
1800-2000 — HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
32/ 31			.1															1	1		
30/ 29			.1															1	1		
28/ 27		.2																2	2	2	
26/ 25																				2	
24/ 23	.1	.1																2	2	2	1
22/ 21	.1	.1																2	2	2	4
20/ 19		.1																1	1	1	1
18/ 17	.1																	1	1	1	3
16/ 15	.4	.2																6	6	6	
14/ 13	1.1	.7																16	16	12	6
12/ 11	1.6	.7																20	20	20	3
10/ 9	2.7	.4																28	28	30	10
8/ 7	3.1	.7																34	34	34	26
6/ 5	3.0	1.2																38	38	32	29
4/ 3	4.4	.9																47	47	49	31
2/ 1	2.6	.9																31	31	35	31
0/ -1	4.5	.6																45	45	45	38
-2/ -3	5.3	.7																53	53	52	34
-4/ -5	3.5	.7																37	37	38	43
-6/ -7	5.6	.8																57	57	55	43
-8/ -9	5.3	.3																50	50	52	43
-10/-11	5.2	.6																51	51	52	48
-12/-13	6.7																	60	60	61	53
-14/-15	4.3	.4																42	42	41	35
-16/-17	5.1	.1																46	46	47	58
-18/-19	2.8																	25	25	25	57
-20/-21	3.3	.1																30	30	29	31
-22/-23	3.4	.2																32	32	31	45
-24/-25	3.1	.3																31	31	31	35
-26/-27	3.7																	33	33	35	25
-28/-29	3.6																	32	32	32	24
-30/-31	1.8																	16	16	16	30
-32/-33	1.5																	13	13	13	29
-34/-35	.7																	6	10	6	35

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2621[illegible] FORT SIMPSON NWT DOT — 57-66 — DEC

STATION — STATION NAME — YEARS — MONTH

PAGE 2 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-36/-37																		5		11
-38/-39																		8		11
-40/-41																		10		12
-42/-43																		11		
-44/-45																		2		1
-46/-47																		1		2
-48/-49																				1
TOTAL	58	611	1	2														930		889
																	889		889	

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.	5364981	68743	77.3	7.454	889							
Dry Bulb	269261	-9149	-9.8	13.891	930	70.0	93.0					93
Wet Bulb	202878	-7616	-8.6	12.450	889	69.1	93.0					93
Dew Point	324131	-12135	-13.7	13.359	889	77.8	93.0					93

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26210 — STATION
FORT SIMPSON NWT OUT — STATION NAME
57-66 — YEARS
DEC — MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
26/ 25		.2																2	2		
24/ 23																				2	
22/ 21	.1																	1	1	1	2
20/ 19	.2	.1																3	3	2	1
18/ 17	.4	.3																7	7	6	2
16/ 15	.4	.3																7	7	7	3
14/ 13	1.9	.3																20	20	20	7
12/ 11	1.2	.3																14	14	14	9
10/ 9	2.5	.4																26	26	26	17
8/ 7	1.1	.6																15	15	14	20
6/ 5	3.6	.6																37	37	39	21
4/ 3	4.9	1.1																54	54	50	12
2/ 1	3.4	.6																35	35	37	30
0/ -1	4.3	.8																45	45	42	45
-2/ -3	4.7	.9																50	50	54	40
-4/ -5	4.4	.6																44	44	42	45
-6/ -7	5.0	.4																49	49	51	39
-8/ -9	5.4	.8																55	55	54	51
-10/-11	6.8	.2																63	63	66	39
-12/-13	3.8																	34	34	34	47
-14/-15	3.5	.1																32	32	31	48
-16/-17	3.7	.4																37	37	37	59
-18/-19	5.2	.2																48	48	48	33
-20/-21	3.8	.1																35	35	35	36
-22/-23	3.0	.1																28	28	28	34
-24/-25	3.8	.2																36	36	35	43
-26/-27	3.9																	35	35	37	28
-28/-29	3.4																	30	30	30	27
-30/-31	2.5	.1																23	23	22	31
-32/-33	2.0	.1																19	19	19	41
-34/-35	.9																	8	9	9	27
-36/-37																			6		21
-38/-39																			9		18
-40/-41																			3		12

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

2621 | FORT SIMPSON NWT DOT (STATION NAME) | 57-66 (YEARS) | DEC (MONTH)

PAGE 2 | 2100-2300 (HOURS L.S.T.)

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb Dew Point
-42/-43																			11	3
-44/-45																			7	
-46/-47																			1	
-48/-49																				1
TOTAL	9	9	10	1														892	930	892

Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	5385229	68975	77.3	7.614	892							
Dry Bulb	282842	-9730	-10.9	13.960	930	70.9	93.0					93
Wet Bulb	219987	-8277	-9.3	12.677	892	70.3	93.0					93
Dew Point	350630	-12840	-14.4	13.641	892	80.1	93.0					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS)

HRS L S T		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	-16.9	-11.9	-.9	20.7	38.4	50.3	56.0	52.7	40.7	27.4	2.1	-10.6	20.8
	S D	16.932	14.767	15.402	12.372	8.471	6.448	5.904	6.752	7.279	8.872	14.614	13.987	28.585
	TOTAL OBS	930	846	930	900	921	900	930	930	900	930	900	930	10947
03-05	MEAN	-17.0	-13.2	-3.3	17.8	36.1	48.8	54.1	50.2	39.2	26.3	1.5	-10.7	19.3
	S D	17.207	14.910	15.427	12.907	8.396	5.909	5.309	6.399	6.870	8.931	14.598	14.318	28.141
	TOTAL OBS	930	846	930	900	922	900	930	930	900	930	900	930	10948
06-08	MEAN	-17.3	-14.1	-3.9	19.3	40.3	53.6	58.3	53.2	40.0	25.8	1.2	-10.6	20.6
	S D	17.362	14.649	15.306	12.857	9.304	6.347	5.214	6.260	6.681	8.901	14.581	14.678	29.734
	TOTAL OBS	930	846	930	900	924	900	930	930	900	930	900	930	10950
09-11	MEAN	-16.8	-11.8	2.4	26.4	47.1	60.0	64.7	59.8	45.5	29.0	2.6	-10.2	25.1
	S D	16.808	13.886	14.093	12.760	10.523	7.644	6.630	7.046	7.483	9.221	14.166	14.633	31.549
	TOTAL OBS	930	846	930	900	926	900	930	930	900	930	900	930	10952
12-14	MEAN	-13.6	-5.7	10.3	32.2	52.0	64.3	69.2	65.0	50.7	32.9	5.7	-8.0	29.7
	S D	15.326	12.971	13.762	12.656	11.462	8.441	7.506	8.190	8.855	10.124	13.257	13.860	31.752
	TOTAL OBS	930	846	930	900	923	900	930	930	900	930	900	930	10949
15-17	MEAN	-13.7	-4.1	12.7	34.0	53.2	65.2	70.2	66.5	51.8	33.1	4.7	-8.8	30.6
	S D	15.669	12.639	14.080	12.272	11.564	8.828	7.787	8.644	9.047	10.253	13.764	13.805	32.193
	TOTAL OBS	930	846	930	900	927	900	930	930	900	930	900	930	10953
18-20	MEAN	-15.3	-7.8	8.2	30.8	50.5	62.8	67.4	62.2	46.8	29.9	2.9	-9.8	27.6
	S D	16.440	13.488	14.151	12.025	10.964	8.032	7.340	8.009	7.978	9.578	14.056	13.891	31.698
	TOTAL OBS	930	846	930	900	927	900	930	930	900	930	900	930	10953
21-23	MEAN	-16.4	-9.9	3.3	25.1	43.6	55.7	60.4	55.5	42.8	28.1	1.9	-10.5	23.5
	S D	16.793	14.283	14.964	11.604	9.428	6.942	6.297	7.029	7.469	9.199	14.415	13.960	29.689
	TOTAL OBS	930	846	930	900	923	900	930	930	900	930	900	930	10949
ALL HOURS	MEAN	-15.9	-9.8	3.6	25.8	45.2	57.6	62.5	58.1	44.7	29.1	2.8	-9.9	24.6
	S D	16.631	14.368	15.782	13.709	11.783	9.505	8.742	9.290	8.962	9.748	14.259	14.168	30.718
	TOTAL OBS	7440	6768	7440	7200	7393	7200	7440	7440	7200	7440	7200	7440	87601

USAFETAC FORM JUL 64 0 89 5 (OL I)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

26210 FORT SIMPSON NWT OUT 57-66
STATION STATION NAME YEARS

HRS L S T		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	-12.3	-10.4	-1.0	19.3	35.6	47.3	52.9	50.2	39.1	26.5	2.4	-9.2	21.0
	S D	13.679	13.387	14.599	11.641	7.619	5.685	4.725	5.983	6.714	8.443	13.877	12.527	26.064
	TOTAL OBS	783	797	920	900	921	900	930	930	900	930	888	883	10682
03-05	MEAN	-11.6	-11.4	-3.1	16.8	34.0	46.3	51.7	48.4	38.0	25.6	2.0	-8.6	20.0
	S D	13.377	13.328	14.658	12.342	7.852	5.609	4.650	5.876	6.442	8.573	13.704	12.328	25.635
	TOTAL OBS	763	788	916	900	921	900	930	930	900	930	885	864	10627
06-08	MEAN	-11.7	-12.0	-3.7	18.0	36.8	49.3	54.3	50.5	38.5	25.0	1.7	-8.4	21.0
	S D	13.388	12.916	14.607	12.093	8.153	5.598	4.144	5.494	6.172	8.531	13.702	12.582	26.608
	TOTAL OBS	757	777	917	900	924	900	930	930	900	930	886	860	10611
09-11	MEAN	-11.5	-11.1	1.7	23.6	40.9	52.4	57.4	54.1	42.1	27.5	2.9	-8.5	23.6
	S D	12.860	12.852	13.378	11.050	8.127	5.615	4.442	5.522	6.169	8.370	13.283	12.858	27.353
	TOTAL OBS	759	818	929	900	926	900	930	930	900	930	889	874	10685
12-14	MEAN	-11.6	-6.0	8.8	28.0	43.5	53.9	58.9	56.1	45.0	30.4	5.3	-7.5	25.9
	S D	13.573	12.359	12.551	10.331	8.168	5.374	4.475	5.795	6.488	8.524	12.887	12.959	27.157
	TOTAL OBS	852	842	930	900	923	900	930	930	900	930	899	910	10846
15-17	MEAN	-11.8	-4.6	11.0	29.4	44.1	54.3	59.1	56.5	45.7	30.6	4.3	-7.9	26.4
	S D	13.907	12.233	12.585	9.768	8.036	5.256	4.303	5.748	6.583	8.628	13.510	12.571	27.225
	TOTAL OBS	860	846	930	900	927	900	930	930	900	930	900	897	10850
18-20	MEAN	-12.3	-7.6	7.2	27.4	42.9	53.8	58.5	55.5	43.2	28.3	2.7	-8.6	24.9
	S D	13.915	12.855	13.155	10.026	7.896	5.243	4.262	5.817	6.659	8.596	13.800	12.450	27.442
	TOTAL OBS	822	834	930	900	927	900	930	930	900	930	898	889	10790
21-23	MEAN	-12.2	-9.0	2.8	23.0	39.2	50.9	55.7	52.1	40.6	26.9	2.0	-9.3	22.7
	S D	13.687	13.273	14.213	10.578	7.727	5.468	4.439	5.988	6.673	8.512	13.972	12.677	26.727
	TOTAL OBS	788	816	928	900	923	900	930	930	900	930	894	892	10731
ALL HOURS	MEAN	-11.9	-8.9	3.0	23.2	39.6	51.0	56.1	52.9	41.5	27.6	2.9	-8.5	23.2
	S D	13.559	13.144	14.681	11.899	8.724	6.210	5.172	6.446	7.049	8.735	13.642	12.628	26.881
	TOTAL OBS	6384	6518	7400	7200	7392	7200	7440	7440	7200	7440	7139	7069	85822

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

26210 (STATION) FORT SIMPSON NWT DOT (STATION NAME) 57-66 (YEARS)

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	-18.2	-16.4	-6.4	14.9	31.6	44.5	50.5	48.1	37.1	24.2	-1.5	-14.2	17.1
	S D	14.803	14.831	15.551	12.602	8.174	6.429	5.081	6.213	6.971	9.047	14.875	13.519	27.560
	TOTAL OBS	783	797	920	900	921	900	930	930	900	930	888	883	10682
03-05	MEAN	-17.3	-17.5	-8.6	12.6	30.7	43.7	49.7	46.7	36.2	23.3	-2.0	-13.6	16.4
	S D	14.354	14.803	15.925	13.391	8.541	6.424	4.982	5.961	6.709	9.305	14.679	13.259	27.313
	TOTAL OBS	762	788	916	900	921	900	930	930	900	930	885	864	10626
06-08	MEAN	-17.3	-18.1	-9.3	13.3	32.0	45.3	51.4	48.3	36.7	22.7	-2.4	-13.4	16.9
	S D	14.291	14.352	15.757	13.072	8.717	6.621	4.566	5.696	6.409	9.294	14.653	13.552	27.902
	TOTAL OBS	756	777	917	900	924	900	930	930	900	930	886	860	10610
09-11	MEAN	-17.7	-17.7	-4.8	17.0	33.4	46.0	52.5	49.8	38.4	24.4	-1.3	-13.6	18.2
	S D	13.725	14.000	14.337	11.511	8.344	6.897	5.088	6.066	6.551	8.844	14.077	13.546	27.882
	TOTAL OBS	759	818	929	900	926	900	930	930	900	930	889	874	10685
12-14	MEAN	-14.0	-12.8	1.2	20.1	33.8	45.4	51.9	49.6	39.2	26.1	.8	-12.8	19.2
	S D	14.054	13.510	13.495	10.432	8.333	6.971	5.562	6.559	6.899	8.549	13.799	13.735	26.929
	TOTAL OBS	852	842	930	900	923	900	930	930	900	930	899	910	10846
15-17	MEAN	-18.2	-11.1	3.7	21.3	33.9	45.4	51.5	49.2	39.3	26.3	.1	-13.1	19.5
	S D	14.584	13.377	12.972	9.808	8.276	6.797	5.624	6.665	7.229	8.630	14.326	13.400	26.670
	TOTAL OBS	860	846	930	900	927	900	930	930	900	930	900	897	10850
18-20	MEAN	-18.4	-13.5	1.2	20.7	34.4	46.3	52.4	50.5	39.4	25.1	-1.3	-13.7	19.3
	S D	14.885	14.027	13.631	10.143	7.996	7.127	5.372	6.593	7.202	8.934	14.680	13.359	27.502
	TOTAL OBS	822	834	930	900	927	900	930	930	900	930	898	889	10790
21-23	MEAN	-18.2	-15.0	-2.8	17.8	33.6	46.6	52.3	49.4	38.0	24.1	-2.1	-14.4	18.3
	S D	14.938	14.634	15.096	11.480	8.107	6.593	4.882	6.417	6.993	9.047	14.941	13.641	27.827
	TOTAL OBS	788	816	928	900	923	900	930	930	900	930	894	892	10731
ALL HOURS	MEAN	-17.9	-15.2	-3.2	17.2	32.9	45.4	51.5	48.9	38.1	24.5	-1.2	-13.6	18.1
	S D	14.461	14.390	15.312	12.043	8.401	6.792	5.235	6.373	6.972	9.032	14.538	13.506	27.470
	TOTAL OBS	6382	6518	7400	7200	7392	7200	7440	7440	7200	7440	7139	7069	85820

USAFETAC FORM JUL 64 0 89-5 (OL-I)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	-0	100.0	100.0	100.0				1.7				
	-0		100.0	100.0								
	-0	100.0	100.0	99.9				79.9			77.7	
	-11	100.0	100.0	99.4								
	-1		100.0									
	-1					76.3						
	-2			99.2	94.9	86.1	72.2	46.6	21.6	4.4		
	-2		100.0	100.0		97.0	87.3	53.3	33.4	9.0		
TOTALS				99.5	96.7	91.0	79.0	57.9				720

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL I)

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	0-6											
	7-12											
	13-18											
	19-24											
	1-7											
	8-13											
	14-19											
	20-1											
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL I)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

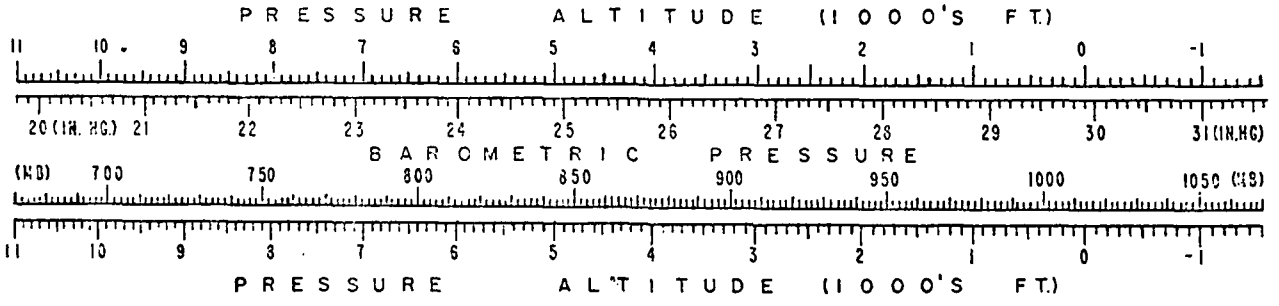
PART F PRESSURE SUMMARY

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 to January 1946 through December 1963 because of changes in reporting practices before and after these dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure 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.



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

26210 STATION — FORT SIMPSON NWT DOT STATION NAME — 57-66 YEARS

HRS L S T		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	29.661	29.590	29.600	29.489	29.455	29.354	29.354	29.353	29.374	29.303	29.447	29.504	29.456
	S D	.350	.378	.299	.300	.270	.222	.190	.223	.261	.336	.352	.367	.320
	TOTAL OBS	310	282	310	300	307	300	310	310	300	310	300	310	3649
04	MEAN	29.662	29.592	29.605	29.496	29.465	29.363	29.362	29.360	29.378	29.304	29.445	29.502	29.461
	S D	.350	.377	.297	.302	.272	.224	.191	.224	.261	.338	.350	.370	.320
	TOTAL OBS	310	282	310	300	307	300	310	310	300	310	300	310	3649
07	MEAN	29.658	29.592	29.613	29.506	29.473	29.367	29.369	29.369	29.382	29.309	29.447	29.496	29.465
	S D	.351	.374	.297	.303	.273	.224	.191	.225	.262	.339	.349	.374	.320
	TOTAL OBS	310	282	310	300	308	300	310	310	300	310	300	310	3650
10	MEAN	29.669	29.596	29.614	29.502	29.462	29.357	29.361	29.366	29.383	29.318	29.458	29.505	29.465
	S D	.353	.375	.298	.302	.272	.222	.191	.223	.261	.340	.349	.374	.321
	TOTAL OBS	310	282	310	300	308	300	310	310	300	310	300	310	3650
13	MEAN	29.663	29.585	29.595	29.487	29.443	29.340	29.346	29.353	29.373	29.312	29.454	29.501	29.454
	S D	.352	.374	.296	.297	.269	.218	.188	.218	.259	.336	.348	.371	.319
	TOTAL OBS	310	282	310	300	308	300	310	310	300	310	300	310	3650
16	MEAN	29.663	29.577	29.578	29.474	29.427	29.326	29.331	29.337	29.363	29.306	29.452	29.504	29.444
	S D	.349	.374	.291	.293	.265	.215	.186	.214	.258	.332	.347	.366	.317
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
19	MEAN	29.661	29.579	29.579	29.473	29.424	29.324	29.328	29.332	29.363	29.303	29.451	29.503	29.443
	S D	.349	.377	.290	.292	.262	.212	.188	.212	.258	.333	.349	.364	.317
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
22	MEAN	29.661	29.583	29.586	29.487	29.440	29.339	29.341	29.343	29.369	29.303	29.452	29.503	29.450
	S D	.350	.381	.293	.297	.265	.214	.189	.217	.260	.337	.349	.367	.319
	TOTAL OBS	310	282	310	300	308	300	310	310	300	310	300	310	3650
ALL HOURS	MEAN	29.662	29.587	29.596	29.489	29.449	29.346	29.349	29.352	29.373	29.307	29.451	29.502	29.455
	S D	.350	.376	.295	.298	.269	.219	.190	.219	.260	.336	.349	.369	.319
	TOTAL OBS	2480	2256	2480	2400	2464	2400	2480	2480	2400	2480	2400	2480	29200

USAFETAC FORM JUL 64 0-89-5 (OL-1)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

26210 — STATION — FORT SIMPSON NWT DOT — STATION NAME — 57-66 — YEARS

HRS L S T		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1023.6	1021.0	1021.0	1016.7	1015.2	1011.5	1011.4	1011.4	1012.4	1010.3	1016.4	1018.6	1015.8
	S D	11.768	12.338	10.279	10.244	8.505	7.137	6.260	7.359	9.192	11.294	12.426	12.403	11.017
	TOTAL OBS	310	282	310	300	307	300	310	310	300	310	300	310	3649
04	MEAN	1023.6	1021.1	1021.2	1017.0	1015.5	1011.8	1011.7	1011.7	1012.5	1010.3	1016.3	1018.6	1015.9
	S D	11.773	12.295	10.212	10.269	8.579	7.205	6.273	7.402	9.176	11.316	12.374	12.526	11.008
	TOTAL OBS	310	282	310	300	307	300	310	310	300	310	300	310	3649
07	MEAN	1023.6	1021.1	1021.6	1017.3	1015.7	1011.9	1011.9	1012.0	1012.7	1010.6	1016.4	1018.4	1016.1
	S D	11.830	12.229	10.254	10.356	8.594	7.222	6.303	7.435	9.177	11.356	12.318	12.608	11.004
	TOTAL OBS	310	282	310	300	307	300	310	310	300	310	300	310	3649
10	MEAN	1024.0	1021.3	1021.6	1017.1	1015.4	1011.6	1011.6	1011.9	1012.7	1010.8	1016.8	1018.7	1016.1
	S D	11.904	12.240	10.261	10.300	8.583	7.134	6.299	7.346	9.147	11.428	12.301	12.618	11.046
	TOTAL OBS	310	282	310	300	308	300	310	310	300	310	300	310	3650
13	MEAN	1023.7	1020.8	1020.9	1016.6	1014.7	1011.0	1011.1	1011.4	1012.3	1010.6	1016.6	1018.6	1015.7
	S D	11.851	12.196	10.172	10.157	8.473	7.000	6.207	7.155	9.075	11.302	12.259	12.520	10.967
	TOTAL OBS	310	282	310	300	307	300	310	310	300	310	300	310	3649
16	MEAN	1023.7	1020.5	1020.3	1016.2	1014.2	1010.5	1010.6	1010.9	1012.0	1010.4	1016.6	1018.7	1015.4
	S D	11.748	12.193	10.045	10.018	8.351	6.846	6.200	7.021	9.041	11.149	12.249	12.337	10.921
	TOTAL OBS	310	282	310	300	307	300	310	310	300	310	300	310	3649
19	MEAN	1023.7	1020.7	1020.3	1016.2	1014.0	1010.4	1010.5	1010.7	1012.0	1010.4	1016.5	1018.6	1015.3
	S D	11.797	12.295	9.998	9.977	8.258	6.766	6.204	6.981	9.075	11.203	12.333	12.298	10.947
	TOTAL OBS	310	282	310	300	307	300	310	310	300	310	300	310	3649
22	MEAN	1023.7	1020.8	1020.6	1016.6	1014.6	1010.9	1011.0	1011.1	1012.2	1010.4	1016.6	1018.7	1015.6
	S D	11.826	12.442	10.079	10.121	8.350	6.803	6.276	7.156	9.172	11.306	12.387	12.358	10.987
	TOTAL OBS	310	282	310	300	306	300	310	310	300	310	300	310	3648
ALL HOURS	MEAN	1023.7	1020.9	1020.9	1016.7	1014.9	1011.2	1011.2	1011.4	1012.3	1010.5	1016.5	1018.6	1015.7
	S D	11.796	12.262	10.160	10.173	8.471	7.026	6.262	7.236	9.122	11.279	12.314	12.442	10.989
	TOTAL OBS	2480	2256	2480	2400	2456	2400	2480	2480	2400	2480	2400	2480	29192

USAFETAC FORM JUL 64 0 89-5 (OL-1)

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