

AD-A100 241 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FT NELSON, MUSKWA APT, BRITISH COLUMBIA, CANADA. REVISED UNIFORM--ETC
JAN 72
UNCLASSIFIED USAFETAC/US-81/036 SBIE-AD-E850 068 NL

1 of 5
AD-A100241

A large grid area that is almost entirely blacked out, likely representing redacted data. The grid consists of approximately 10 columns and 15 rows. The top-left cell of the grid is white and contains the text '1 of 5' and 'AD-A100241'. The rest of the grid is solid black.

PHOTOGRAPH THIS SHEET

AD-E850 068

AD E 850 068

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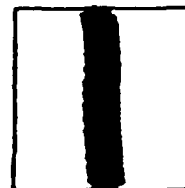


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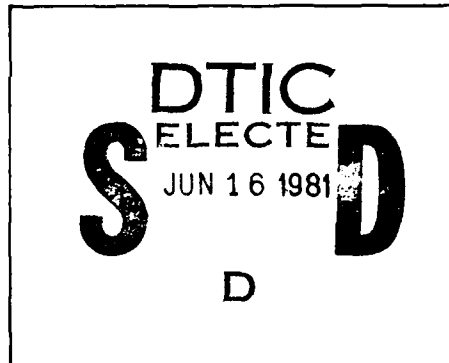
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USAFETAC/DS-81/036

AL

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

FORT NELSON B C/MUSKWA DOT APT WBAN #25218
N 58 50 W 122 35 ELEV 1230 FT CYE WMO #72945

PARTS A, C-F
POR FROM HOURLY OBS: JAN 57-DEC 66

JAN 17 1972

Hand - 20 Jan 72

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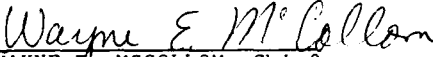
ASHEVILLE, N. C.

CL 10681

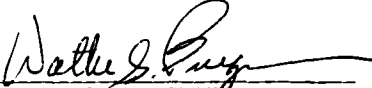
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WAYNE E. MCCOLLOM, Chief
Technical Information Section
USAFETAC/TST

FOR THE COMMANDER


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

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DATA PROCESSING DIVISION
USAF/AFAC 01-1
AIR WEATHER SERVICE (AWC)

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 DATA NOT AVAILABLE

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
25218	FORT NELSON BC/MUSKWA DOT APT	N 58 50	W 122 35	1230	CYYE	72945

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 Nelson B C/Muskwa DOT Apt	C	Jan 57	Dec 66	N 58 50	W 122 35	1230	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 Dec 66	Not Available	N/A	N/A	N/A	Hourly surface observations on Magnetic tape from DOT Canada.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
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-WEAN 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.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

2521R FIFTY NELSIE FC/MUSKWA GHT APT 57-66 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL			.4	31.5		31.6	1.6	.4	.1		2.2	7439
FEB			.2	.1	29.2		29.5	.9	.0	.1		1.0	6768
MAR			.1	.1	25.1		25.2	.7		.1		.9	7440
APR			2.7	.0	11.5	.0	13.8	.7		.1		.8	7200
MAY		.2	9.0	.1	4.9	.0	13.1	1.6	.0			1.7	7440
JUN		1.4	11.0		.1		11.8	2.5	.5			3.0	7194
JUL		2.4	11.0			.0	11.0	3.7	2.9			6.4	7439
AUG		1.0	12.0		.0	.0	12.0	4.7	3.8			8.5	7440
SEP		.0	11.6		1.5		12.6	7.5	.1			7.6	7200
OCT			3.4	.7	10.0		13.9	3.3	.0	.1		4.0	7440
NOV			.2	.6	29.0		29.6	2.9	.0	.1		3.0	7200
DEC				.4	30.5		30.9	1.7		.3		2.0	7440
TOTALS		.4	5.2	.2	14.4	.0	19.6	2.7	.6	.1		3.4	87640

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

WEATHER CONDITIONS

25211 FEET NELSON BC/MUSKWA OUT APT 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			.1	31.5		31.5	1.1	1.1	.2		2.4	929
	03-05			.2	31.5		31.5	2.3	.4			2.7	930
	06-08			.3	31.5		31.5	2.0	.5	.1		2.7	930
	09-11			.3	29.2		29.5	3.0	.1	.4		3.5	930
	12-14			.6	31.3		31.6	1.6		.4		2.0	930
	15-17			.6	30.4		30.4	1.0				1.0	930
	18-20			.6	32.6		32.6	.8	.3			1.1	930
	21-23			.3	33.7		33.8	1.2	1.0			1.9	930
TOTALS				.4	31.5		31.6	1.6	.4	.1		2.2	7439

1
2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/TAC

WEATHER CONDITIONS

25231 001 TULSA/OK/MUSKOGEE INT APT 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		.4	.1	29.0		29.3	.0				.8	846
	03-05		.4	.2	31.4		31.9	1.1	.1			1.1	846
	06-08				28.0		28.8	1.3				1.3	846
	09-11			.2	33.9		34.2	2.1				2.1	846
	12-14				29.6		29.6	.7		.1		.8	846
	15-17		.2		26.5		26.7	.5		.4		.8	846
	18-20		.2		27.0		27.2	.6		.4		.9	846
	21-23		.2	.2	27.7		27.9	.2		.1		.4	846
TOTALS			.2	.1	29.2		29.5	.9	.0	.1		1.0	6768

2

AIR FORCE DATA PRESENTATION DIVISION
 USAF ETA
 AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

25214 FORT WALKER CO/MSK WALKER AFB 57-66 YEAR MONTH
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
	00-02				26.0		26.0	.4				.4	930
	03-05		.1	.1	26.0		26.0	1.0				1.0	930
	06-08		.3	.1	31.4		31.7	1.0				1.5	930
	09-11		.1	.3	31.4		31.5	1.1		.1		1.2	930
	12-14		.3		21.0		21.2	.4		.1		.5	930
	15-17				17.2		17.2	.3				.3	930
	18-20				19.6		19.6	.3		.3		.6	930
	21-23				24.5		24.5	.3		.2		.5	930
TOTALS			.1	.1	25.1		25.2	.7		.1		.8	7440

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ATA PROFESSIONAL DIVISION
 SAFETY
 INCIDENT INVESTIGATION

WEATHER CONDITIONS

522 STATION 57-66 AIR FORCE RESERVE CENTER, WINDYBENT, MISSOURI 64576
 STATION NAME STATION NUMBER YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST.	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
	0-02		2.2		11.0		13.2	1.3				1.6	900
	3-05		2.3	.2	13.0		15.6	1.2		.1		1.3	900
	6-09		2.7	.1	15.0		17.7	1.1				1.1	900
	9-11		3.1		14.0	.1	16.7	.1				.1	900
	2-14		2.5		9.4		11.6						900
	15-17		3.3		6.2	.1	11.1	.3				.3	900
	18-20		2.9		0.0		11.4	.7				.7	900
	21-23		2.0		10.2		12.7	.8		.1		.9	900
TOTALS			2.7	.2	11.5	.0	13.8	.7		.1		.9	7200

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

25713
 STATION

FORT BELLE WISCONSIN DIST APT
 STATION NAME

57-66

YEARS

66
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
66	0-02	.1	10.1		6.2		15.6	2.2	.2			2.4	930
	03-05		8.0	.3	5.4		13.3	5.4				3.4	930
	06-08		6.9	.2	2.7		14.2	2.9				2.9	930
	09-11	.1	9.6		6.1		14.3	1.1				1.1	930
	12-14	.5	8.5		4.1		11.7						930
	15-17	.3	9.1		3.1		11.6	.3				.3	930
	18-20	.5	9.5		2.3		11.1	.2				.2	930
	21-23	.2	10.9		3.3	.1	13.2	1.0	.1			1.1	930
TOTALS		.2	9.0	.1	4.9	.0	13.1	1.6	.0			1.7	7440

2

DATA PROCESSING DIVISION
 USAF ETAF
 AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

2521R FT BELLEVILLE/ROSKAM ILL ILL 57-66 JUN 1966
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	00-02	.2	11.2				11.2	2.7	.2			2.9	900
	03-05	.2	11.6				11.6	7.4	.3			7.9	900
	06-08	.1	10.9		.4		11.0	4.0	.3			4.7	900
	09-11	.6	11.7				11.7	1.9	.6			2.4	900
	12-14	2.4	12.0				12.0	1.2	.6			1.7	899
	15-17	3.0	12.2				12.2	.8	.7			1.4	897
	18-20	2.7	12.7				12.7	.8	.7			1.4	898
	21-23	1.6	11.6				11.8	.9	.7			1.6	900
TOTALS		1.4	11.8		.1		11.8	2.5	.5			3.0	7194

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

25217
STATION

FORT WELLS/EG/MUSKOGEE AFB
STATION NAME

57-66

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02	1.1	10.6				10.6	4.2	2.0			6.1	930
	03-05	.2	11.7				11.2	9.0	3.2			11.7	930
	06-08	.2	9.7				9.7	7.0	4.1			10.5	930
	09-11	.3	10.0				10.0	3.1	3.5			6.3	930
	12-14	3.4	10.4				10.4	1.8	2.9			4.6	929
	15-17	4.0	10.5				10.5	1.1	2.9			4.0	930
	18-20	5.1	12.4			.1	12.4	1.3	2.6			3.9	930
	21-23	4.1	13.5				13.5	2.2	2.3			4.3	930
TOTALS		2.4	11.0			.0	11.0	3.7	2.9			6.4	7439

2

DATA PROCESSING DIVISION
 SAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

25210

FORT WILSON I.C./MUSKWA INIT APT

57-66

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST. TO VISION	TOTAL NO. OF OBS
AUG	0-02	.5	12.3		.1		12.3	6.0	2.3			8.3	930
	03-05	.4	11.5				11.5	12.2	3.9			15.7	930
	06-08	.4	12.5				12.5	9.6	6.2			15.6	930
	09-11		12.4				12.4	3.0	5.3			8.1	930
	12-14	.4	11.4				11.4	1.5	4.0			5.5	930
	15-17	1.8	12.2			.1	12.2	.8	3.4			4.2	930
	18-20	1.9	10.3				10.3	1.6	2.9			4.5	930
	21-23	2.5	13.7				13.7	3.1	2.6			5.7	930
TOTALS		1.5	12.0		.0	.0	12.0	4.7	3.8			8.5	7440

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

25214
 STATION

FORT NELSON RC/HUSKWA DUT APT
 STATION NAME

57-66

YEARS

SEP
 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		11.1		1.0		12.0	10.0	.3			10.3	900
	03-05		12.7		2.0		14.0	16.0				16.0	900
	06-08		13.4		1.6		14.3	18.7				18.7	900
	09-11		11.2		1.6		12.7	7.7	.2			7.8	900
	12-14		10.7		2.0		12.2	1.9	.1			2.0	900
	15-17	.3	11.0		1.2		11.8	.0				.8	900
	18-20		10.1		1.1		11.1	1.7				1.7	900
	21-23		11.4		1.1		12.6	3.3				3.3	900
TOTALS		.3	11.6		1.5		12.6	7.5	.1			7.6	7200

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/MAC

WEATHER CONDITIONS

25211
STATION

FORT WILSON FC/FIS/WW/DT APT
STATION NAME

57-66

YEARS

CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
CT	10-02		3.1	1.0	9.7		13.5	6.1	.1			6.1	930
	13-05		3.1	1.1	9.0		13.0	6.9				6.9	930
	16-08		3.4	1.3	10.2		14.7	7.3				7.3	930
	19-11		3.4	.4	12.6		15.7	3.7				3.7	930
	22-14		4.7	.1	11.3		15.8	1.1		.2		1.3	930
	25-17		4.3	.5	8.3		13.1	1.2		.2		1.4	930
	28-20		4.5	.4	8.9		12.7	2.3				2.3	930
	31-23		2.3	.6	9.0		12.7	2.9		.3		3.2	930
TOTALS			3.5	.7	10.0		13.9	3.9	.0	.1		4.0	7440

2

DATA PROCESSING DIVISION
 USAF ETAL
 AIR WEATHER SERVICE/MAG

WEATHER CONDITIONS

25210

FIGHT HELIPAD/MUSKWA INT APT

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.
	00-02		.3	.4	27.4		27.1	4.6		.3		4.9	900
	03-05		.1	.8	28.0		28.7	4.9		.3		5.2	900
	06-08		.3	1.0	30.0		31.0	4.3				4.3	900
	09-11			.7	33.0		33.7	2.3				2.3	900
	12-14			.6	30.8		31.3	.4				.9	900
	15-17		.1	.4	26.1		26.7	.6				.8	900
	18-20		.3	.3	27.7		28.2	2.0	.1			2.1	900
	21-23		.1	.6	29.1		29.3	3.4		.1		3.6	900
TOTALS			.2	.6	29.0		29.6	2.9	.0	.1		3.0	7200

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/PAC

WEATHER CONDITIONS

25215
 STATION

FORT NELSON BC/MUSKOGEE DUT APT
 STATION NAME

57-66

YEARS

DEC
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	0-02			.4	32.0		32.5	2.0		.1		2.2	930
	03-05			.5	30.6		31.1	1.5		.2		1.7	930
	06-08			.4	29.0		29.4	1.2				1.2	930
	09-11			.1	30.1		30.2	2.3		.1		2.4	930
	12-14			.2	32.5		32.6	1.5		.0		2.4	930
	15-17			.2	26.1		26.2	1.1		1.0		2.0	930
	18-20			.6	30.2		30.4	1.8		.2		2.0	930
	21-23			1.0	31.7		32.4	2.3				2.3	930
TOTALS				.4	30.5		30.9	1.7		.3		2.0	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.

2

DATA PROCESSING DIVISION
ETAG/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 25210 STATION NAME POINT NELSON BC/MUSKWA DDT APT YEARS 57-66 MONTH ALL
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.8	2.3	.8	.1	.0						9.1	5.7
NNE	1.5	1.2	1.0	.3	.0	.0						4.0	5.5
NE	1.9	1.1	.4	.1	.0							3.5	4.2
ENE	.7	.4	.2	.0								1.3	4.4
E	1.4	.7	.4	.0	.0		.0					2.4	4.2
ESE	.9	.7	.6	.1								2.3	5.2
SE	2.5	1.4	.7	.1	.0							4.9	4.3
SSE	1.0	1.0	.4	.1	.0							3.1	4.3
S	5.4	3.5	1.0	.1	.0							10.0	4.0
SSW	2.7	2.3	1.0	.1								6.0	4.5
SW	3.0	1.4	.7	.1	.0							5.1	4.1
WSW	.9	.5	.4	.2	.0	.0						2.1	5.5
W	1.0	.8	.7	.4	.0	.0	.0					3.6	5.8
WNW	.7	.7	1.0	.6	.1	.0	.0					3.4	5.1
NW	2.0	1.6	2.0	.9	.1	.0	.0					6.8	6.6
NNW	1.7	2.2	3.1	1.5	.1	.0						8.7	7.4
VARBL												23.8	
CALM													
	31.7	22.5	15.9	5.5	.4	.1	.0					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 37642

2

DATA PROCESSING DIVISION
AFAC/USAF
AIR WEATHER SERVICE/AFAC

SURFACE WINDS

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

25210 STATION NAME: FORT NELSON BC/MUSKWA DUT APT YEARS: 57-66 MONTH: JAN
 CLASS: ALL WEATHER HOURS (LST): ALL
 CONDITION:

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.7	2.2	2.1	.6	.0	.0						8.5	5.7
NNE	1.4	1.0	.5	.2								3.0	4.9
NE	2.2	.6	.3	.1								3.3	5.8
ENE	.3	.1	.0									.4	3.3
E	.8	.1	.0									1.0	3.0
ESE	.4	.2	.0									.6	3.3
SE	1.6	.5	.1									2.2	3.2
SSE	1.4	.4	.0									1.6	3.2
S	6.0	2.5	.9	.0								9.4	3.7
SSW	4.4	2.2	.9	.0								7.5	3.9
SW	4.6	1.2	.3	.0								6.7	3.3
WSW	1.2	.2	.0	.0								1.5	3.1
W	1.5	.2	.1	.0	.0							1.8	3.1
WNW	.7	.2	.2	.1	.1							1.3	3.3
NW	2.1	1.6	1.4	.3	.0							5.5	3.4
NNW	1.6	2.3	3.2	1.1	.0	.0						8.5	6.9
VARBL													
CALM												37.5	
	34.2	15.5	10.1	2.5	.1	.0						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 7440

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/FTAC

SURFACE WINDS

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

STATION 2521N STATION NAME FORT NELSON BC/MUSKWA DUT APT YEARS 57-66 MONTH FE6
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.4	4.1	2.6	.6	.1							12.8	5.1
NNE	2.1	1.4	1.0	.1	.0							4.7	4.8
NE	2.0	.8	.1	.0								2.8	3.5
ENE	.6	.2	.0									.8	3.3
E	1.3	.2	.0									1.5	3.0
ESE	.8	.4	.1									1.3	3.8
SE	2.8	1.0	.2	.0								4.0	3.4
SSE	1.6	.5	.1									2.7	3.3
S	3.2	2.8	.5	.0								3.6	3.6
SSW	2.5	2.5	1.1	.1								6.2	4.6
SW	3.3	1.4	.7	.1								5.4	3.9
WSW	1.0	.4	.2	.1								1.8	4.6
W	1.3	.4	.4	.2	.0							2.2	4.7
WNW	.5	.3	.5	.3	.1	.0						1.7	7.5
NW	2.0	.9	1.0	.4	.1	.0						4.4	6.1
NNW	2.4	2.4	2.7	1.3	.1	.0						9.0	6.7
VARBL													
CALM												30.4	
	34.6	19.8	11.3	3.3	.4	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 6768

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/HAF

SURFACE WINDS

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

20210 STATION FOY T HILSON BC/40SKWA OUT APT 57-66 YEARS MONTH ALL
 CLASS ALL WEATHER HOURS (L S Y)
 CONDITION

SPEED (KNTS) DIR.	1 - 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	3.9	4.7	1.0	.1							13.9	6.1
NNE	2.1	2.0	1.9	.3								6.3	5.5
NE	2.0	1.3	.7	.0								4.4	4.1
ENE	1.2	.4	.2									1.8	3.7
E	1.7	.8	.5	.0								3.0	4.0
ESE	1.3	1.0	.9	.0								3.2	5.0
SE	2.5	1.0	.8	.1								5.4	4.4
SSE	1.3	1.1	.3	.0								2.7	4.0
S	3.4	2.9	1.1									7.3	4.3
SSW	1.9	1.6	1.1	.0								4.6	4.8
SW	2.1	1.1	.4	.1	.0							3.7	4.3
WSW	.0	.3	.3	.2	.0	.0						1.7	5.4
W	1.0	.4	.3	.2	.0	.0						1.9	5.4
WNW	.6	.2	.6	.4	.1	.0						1.9	8.1
NW	1.7	1.3	1.2	.5	.1	.0	.0					5.0	6.2
NNW	1.6	2.5	3.7	2.1	.1							10.0	7.7
VARBL													
CALM												22.7	
	30.6	22.4	18.7	5.1	.4	.1	.0					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 7440

TA PROCESSING DIVISION
 AF/USAP
 READER REPORTING

SURFACE WINDS

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

STATION POINT WILSON, CO/DUSKRIE PT APT YEARS 57-66 MONTH ALL
 STATION NAME POINT WILSON, CO/DUSKRIE PT APT CLASS ALL WEATHER HOURS (L & T) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	3.3	3.6	2.3	.3	.0						11.8	7.5
NNE	1.3	1.6	2.0	.7	.1	.0						5.8	7.2
NE	2.0	1.5	.8	.2	.0							4.5	4.8
ENE	.0	.7	.2	.0								1.7	4.4
E	2.0	1.2	.6	.0								3.7	4.2
ESE	1.2	1.2	1.1	.2								3.6	5.7
SE	3.4	2.7	1.6	.2								8.0	4.8
SSE	1.5	1.0	1.2	.3								5.2	5.2
S	4.0	3.9	1.1	.2								8.6	6.5
SSW	1.5	1.3	.6	.1								4.3	4.8
SW	1.0	1.7	1.1	.1	.0							4.5	4.9
WSW	.7	.5	.6	.4	.1							2.5	7.1
W	1.2	.0	.7	.6	.1	.0						3.2	7.0
WNW	.3	.5	.6	.4	.1	.0						2.2	6.0
NW	1.5	1.2	1.4	.8	.1	.0						4.8	6.7
NNW	1.3	1.0	3.1	2.1	.2	.0						8.6	8.1
VARBL													
CALM												17.2	
	27.2	25.6	20.4	9.0	.9	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 730

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

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

SURFACE WINDS

2521 STATION NAME: FORT WILSON AC/USKAA DIST APT YEARS: 57-66 DAY: MONTH: ALL HOURS (LST): ALL
CLASS: ALL
CONDITION:

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	2.8	3.1	1.1	.1	.0						9.1	6.5
NNE	1.7	1.6	2.1	.6	.0							6.7	6.3
NE	2.0	2.0	1.0	.3								5.3	5.1
ENE	1.2	.8	.7	.1								2.8	5.1
E	1.0	1.4	1.1	.2								4.3	5.3
ESE	1.2	1.3	1.5	.4								4.4	6.3
SE	2.3	2.0	1.1	.5	.1							6.0	5.5
SSE	1.2	1.4	.8	.1	.0							3.5	5.2
S	3.1	2.0	1.1	.2								7.0	4.6
SSW	1.3	1.3	.9	.1								3.4	5.0
SW	2.0	1.3	.7	.2	.0							4.2	4.9
WSW	.8	.7	.7	.3	.1							2.7	6.8
W	1.2	.9	1.1	.9	.1	.0						4.2	7.4
WNW	.7	1.0	1.6	1.2	.2	.1						4.8	8.7
NW	1.6	2.1	2.7	1.3	.1	.1						7.8	7.5
NNW	1.3	2.0	3.0	2.1	.2							9.4	8.0
VARBL													
CALM												13.7	
	20.2	25.5	23.7	9.9	.9	.2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 7440

2

DATA PROCESSING DIVISION
 FTAF/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

25210 STATION NAME FOOT NELSON BC/HUSKWA QUIT APT YEARS 57-66 MONTH JUN
STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 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	2.2	1.7	.9	.0							7.2	6.1
NNE	1.2	1.3	1.2	.2								3.9	5.6
NE	2.0	1.6	.9	.1								4.7	4.7
ENE	.9	.8	.6	.0								2.2	5.2
E	1.9	1.5	.9	.1								4.4	5.0
ESE	.4	1.0	1.0	.2								3.1	5.9
SE	3.1	1.8	1.2	.2								6.4	4.6
SSE	1.7	1.5	.5	.1								3.9	4.7
S	4.4	2.9	.7	.2								8.1	4.1
SSW	1.0	1.7	.8	.1								4.4	4.8
SW	2.0	1.4	.7	.1	.0							4.3	4.7
WSW	.9	.6	.6	.5	.0							2.6	6.5
W	2.0	1.6	1.3	1.0	.1	.0						6.1	6.6
WNW	.0	1.1	1.7	1.7	.2	.1	.0					5.6	9.0
NW	1.9	2.7	2.7	1.2	.2	.0						8.7	6.9
NNW	1.5	1.8	2.7	1.7	.0	.0						7.8	7.7
VARBL													
CALM												16.8	
	29.2	25.6	19.3	8.4	.6	.1	.0					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 7194

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

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

25218 STATION FORT NELSON RC/MUSKWA BDT APT STATION NAME 57-66 YEARS JUL MONTH ALL WEATHER CLASS ALL HOURS (L S Y.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	2.1	2.0	.5	.0							6.4	5.9
NNE	.8	1.0	.8	.2								2.8	3.6
NE	1.5	1.1	.5	.0								3.1	4.4
ENE	.3	.6	.4	.0								1.3	5.4
E	1.4	.7	.3	.1	.0							2.8	4.3
ESE	.8	1.0	.6	.1								2.4	5.1
SE	2.9	2.0	.6	.1								5.6	4.2
SSE	1.7	1.4	.7	.1								3.8	4.7
S	5.1	3.7	.6	.6								9.4	3.9
SSW	2.1	2.1	.7	.1								5.1	4.6
SW	2.0	1.3	.6	.2								4.0	4.3
WSW	1.1	.9	.8	.2	.0							2.8	3.6
W	2.1	1.9	1.9	.7	.0	.0	.0					6.7	6.2
WNW	1.1	1.8	2.3	1.8	.2	.1						7.4	8.3
NW	2.2	2.3	3.7	1.7	.1							10.1	7.3
NNW	1.1	2.2	3.2	1.6	.0							8.1	7.7
VARBL													
CALM												17.4	
	28.4	26.1	19.8	7.3	.4	.1	.0					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 7440

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/ETAC

SURFACE WINDS

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

STATION 25218 STATION NAME MONT NEELSON BC/HUSKWA DOT APT YEARS 57-66 MONTH AUG
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	2.4	1.7	.6								7.5	5.4
NNE	.9	1.0	.7	.3								2.9	3.8
NE	1.5	1.1	.3	.1								3.0	4.2
ENE	.8	.4	.2									1.4	4.0
E	1.4	.5	.3									2.2	3.7
ESE	.9	.7	.5	.2								2.2	3.2
SE	3.2	1.9	1.0	.1								6.3	4.4
SSE	2.7	1.2	.3	.0								3.6	4.1
S	5.6	4.3	1.2	.0								11.1	4.1
SSW	2.4	2.4	.8	.0								5.6	4.4
SW	2.4	1.5	.6	.1								4.5	4.2
WSW	.9	.6	.4	.2		.0						2.1	5.4
W	2.2	1.4	1.4	.4	.0							5.4	5.5
WNW	.1	1.1	1.8	1.1	.0							4.8	8.1
NW	2.4	2.3	3.3	1.5	.0	.0						9.6	7.0
NNW	1.0	2.1	3.8	1.6	.1							9.1	7.7
VARBL													
CALM												18.4	
	31.9	24.9	18.2	6.2	.2	.0						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 7440

2

DATA PROCESSING DIVISION
 DTIC/USAF
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

STATION 2521M STATION NAME FORT WELSH HC/MUSKWA DUT APT YEARS 57-66 MONTH SEP
 CLASS ALL WEATHER HOURS (L E T) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	2.1	1.4	.4	.1							6.6	4.3
NNE	1.1	.6	.6	.1	.0							2.5	5.2
NE	1.5	.6	.3	.0								2.4	3.8
ENE	.5	.1	.2									1.0	4.3
E	1.4	.6	.3	.0								2.3	4.0
ESE	1.1	1.0	.4	.1								2.6	4.7
SE	2.6	1.6	.8									5.0	4.2
SSE	2.1	1.4	.3	.1								3.8	4.1
S	7.0	5.3	.9	.1								17.3	4.0
SSW	3.1	3.1	1.0	.0								7.3	4.4
SW	3.2	1.6	.9	.0								5.7	4.1
WSW	1.0	.6	.4	.1								2.1	5.0
W	1.0	1.1	.9	.5	.1	.0						4.7	5.9
WNW	.9	1.0	1.2	1.2	.3	.1						4.7	8.8
NW	2.1	1.9	2.3	1.4	.2	.1						8.0	7.4
NNW	1.7	2.5	3.4	1.1	.0	.0						8.8	7.1
VARBL													
CALM												19.4	
	33.8	25.4	15.3	5.2	.7	.2						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 7200

2

DATA PROCESSING DIVISION
 USAF/USAF
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

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

STATION 25213 STATION NAME FIFT NELSON BC/USKWA DIST APT YEARS 57-66 MONTH OCT
 CLASS ALL WEATHER HOURS (L. S. T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.8	3.4	1.6	.5	.0							9.3	5.0
NNE	1.6	1.0	.5	.1								3.2	4.5
NE	2.1	.9	.2	.1								3.2	3.7
ENE	.5	.3	.1	.0								.8	4.4
E	1.8	.6	.1	.0	.0							2.2	3.7
ESE	.4	.5	.4	.0								1.8	4.8
SE	2.2	1.2	.5	.2	.0							4.1	4.5
SSE	1.4	.8	.5	.0								2.7	4.3
S	6.4	5.1	2.0	.0	.0							13.6	4.3
SSW	2.6	3.6	1.4	.1								7.8	4.8
SW	3.2	1.9	1.1	.1								6.3	4.4
WSW	.8	.6	.5	.2	.0							2.2	5.8
W	1.8	.7	.6	.3	.1		.0					3.5	5.2
WNW	.9	.5	.8	.6	.2	.1	.0					3.1	8.1
NW	2.3	1.7	1.2	.8	.1	.0						6.2	6.2
NNW	1.0	2.1	2.1	1.0	.1							7.2	6.9
VARBL													
CALM												22.0	
	33.7	25.1	13.7	4.1	.6	.1	.0					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 7440

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/ IAC

SURFACE WINDS

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

STATION: 2.21 PORT NELSON BC/MUSKWA BAIT APT STATION NAME: 57-66 YEARS: _____ MONTH: _____
 CLASS: ALL WEATHER HOURS (L.S.T.): ALL
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	3.0	2.0	.3	.0	.0						7.7	4.9
NNE	1.7	1.0	.4	.1								3.1	4.2
NE	1.4	.5	.1									2.0	3.3
ENE	.3	.1										.6	2.9
E	.4	.2	.0									1.1	2.9
ESE	.6	.3	.0									1.0	3.3
SE	1.3	.6	.1									2.2	3.3
SSE	1.5	.4	.1									2.0	3.3
S	7.8	3.9	1.0	.0								12.8	3.7
SSW	3.4	2.5	1.0									7.4	4.2
SW	3.4	1.2	.3	.0								5.5	3.4
WSW	1.4	.2	.2	.1								1.7	4.2
W	1.2	.3	.2	.2	.0							2.0	4.8
WNW	.5	.4	.4	.1	.0							1.5	5.9
NW	2.4	1.8	1.5	.3	.1	.0						6.2	5.5
NNW	2.3	3.3	3.3	1.1	.0	.0						10.0	6.6
VARBL													
CALM												31.7	
	35.2	19.9	10.6	2.3	.2	.1						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 7200

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION 25210 PORT NELSON BC/MUSKWA DUT APT YEARS 57-66 MONTH DEC
 STATION NAME ALL WEATHER CLASS ALL HOUR (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	1.7	1.3	.4								6.9	4.9
NNE	2.0	1.1	.2	.1								3.3	3.8
NE	2.3	.6	.1									3.0	3.1
ENE	.5	.1										.6	2.9
E	.4	.1	.0				.0					1.0	3.1
ESE	.6	.1	.1	.0								.9	3.7
SE	1.9	.5	.1	.0								2.5	3.3
SSE	1.2	.3	.0									1.6	3.0
S	6.4	2.7	.7	.0								10.3	3.5
SSW	4.2	2.5	1.1	.1								7.9	4.2
SW	4.2	1.6	.6	.0								6.4	3.7
WSW	.4	.3	.0	.0								1.2	3.4
W	1.5	.2	.1	.0								1.9	3.2
WNW	.0	.4	.2	.1								1.3	3.0
NW	1.4	1.2	1.8	.2	.0	.0						5.1	3.6
NNW	1.6	1.6	3.0	1.5	.0	.0						7.8	3.5
VARBL													
CALM												38.3	
	34.7	15.1	9.4	2.6	.1	.0	.0					100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 25215 FUPT NELSON RC/MUSKWA OUT APT STATION NAME 57-66 YEARS MONTH JAN
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	1.4	2.9	.0								8.6	5.8
NNE	.0	.8	.5	.2								2.2	3.7
NE	1.3	.3	.2									2.0	3.4
ENE	.3	.1										.4	3.5
E	.0	.1										.8	2.0
ESE	.2											.2	3.0
SE	1.4	.3										1.7	2.8
SSE	1.0	.6	.1									1.7	4.1
S	6.1	2.8	.6									9.6	3.7
SSW	4.4	1.9	.8	.1								7.2	3.9
SW	6.2	1.8	.3									8.4	3.3
WSW	1.2	.3										1.5	3.1
W	1.2	.1										1.6	2.5
WNW	.0	.1		.1	.2							1.2	6.9
NW	2.7	1.5	1.7	.3								6.2	5.1
NNW	2.6	2.4	3.1	1.1								9.1	6.3
VARBL													
CALM												37.5	
	34.8	14.6	10.3	2.3	.2							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR EATER SERVICE/TAC

SURFACE WINDS

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

25210
STATION

FORT JELSON BC/MUSKWA INT APT
STATION NAME

57-66
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	2.0	1.8	.3								7.7	4.8
NNE	1.5	.8	.3									2.6	3.7
NE	2.5	.5	.3									2.9	3.6
ENE	.4											.4	3.0
E	.5	.2										.5	3.1
ESE	.5											.5	2.4
SE	.4	.5	.2									1.6	3.8
SSE	.8	.5										1.3	3.8
S	5.1	3.2	.8	.1								9.1	4.0
SSW	5.4	3.1	1.4									10.4	3.9
SW	5.3	2.0	.3									7.6	3.4
WSW	.4	.2										1.1	3.1
W	1.3											1.3	2.6
WNW	.4	.2	.4	.2	.1							1.4	2.7
NW	2.2	2.2	1.2	.1								5.6	5.0
NNW	1.0	2.7	2.3	1.5								8.1	2.0
VARBL													
CALM												37.4	
	32.4	18.3	9.0	2.3	.1							100.0	2.8

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)

STATION 25215 FORT NELSON BC/MUSKWAHMT APT STATION NAME 57-66 YEARS
 MONTH AN
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0900
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.0	1.6	.1	.2							7.1	5.0
NNE	.5	1.4	.2	.1								2.3	5.1
NE	1.4	.6		.1								2.2	3.4
ENE	.3	.1										.4	3.3
E	.1	.1	.1									1.0	3.3
ESE		.4										.4	5.5
SE	1.6	.5	.2									1.9	3.9
SSE	.4	.3										1.2	3.3
S	7.1	2.2	1.7									11.3	3.9
SSW	6.1	2.5	1.5									10.0	4.1
SW	2.1	1.4	.4									6.2	3.3
WSW	1.6	.1										1.3	2.4
W	1.1											1.1	2.5
WNW	.3	.3	.4	.1								1.2	5.9
NW	1.7	1.9	2.0	.2								5.9	5.8
NNW	2.0	1.5	3.1	1.1	.1							7.8	7.0
VARBL													
CALM												38.1	
	32.1	15.8	11.4	1.7	.2							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/FTAC

SURFACE WINDS

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

STATION 22210 STATION NAME POINT NELSON BC/MUSKWA BOUT APT YEAR 57-66 MONTH JAN
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	1.2	1.4	.3	.1	.1						6.0	3.9
NNE	1.7	.6	.2	.1								2.7	4.2
NE	3.1	.5	.1	.1								3.9	3.1
ENE		.1										.1	5.0
E	.3											.3	2.3
ESE	.1	.4	.1									.6	4.3
SE	1.8	.4	.1									2.4	3.4
SSE	1.2	.5										1.7	3.5
S	6.7	2.7	1.2									10.5	3.7
SSW	5.5	2.4	.6									8.5	3.7
SW	5.2	1.2	.2									6.6	3.0
WSW	.9	.5										1.4	3.2
W	1.5	.2										2.0	2.5
WNW	.2	.2	.5									1.3	5.3
NW	1.6	1.5	1.7	.8	.1							5.9	6.3
NNW	1.1	2.4	2.7	.9								7.5	6.7
VARBL													
CALM												34.5	
	33.4	16.2	8.9	2.2	.2	.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 730

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

25214 STATION FOST NELSON BC/MUSKWA BMT APT STATION NAME 57-66 YEARS JAN 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	3.0	2.7	2.9	1.3								9.9	6.3
NNE	1.0	1.5	.6	.1								3.2	3.0
NE	3.1	1.1	.1									4.3	3.4
ENE	.6	.2										.9	2.9
E	1.3											1.3	2.6
ESE	.6	.1										.3	2.9
SE	3.4	.8	.1									4.3	3.0
SSE	2.4	.2	.1									3.5	3.1
S	7.5	3.1	.9									11.5	3.5
SSW	2.8	1.1	.4									4.3	3.5
SW	1.0	1.0	.1									2.9	3.4
WSW	1.5	.1										1.6	2.8
W	1.0	.6										2.3	3.2
WNW	.9	.1	.1	.1								1.2	4.4
NW	1.2	1.4	1.2	.6								4.2	6.6
NNW	.4	1.2	3.3	1.2	.1							7.0	8.0
VARBL													
CALM												36.9	
	34.0	15.8	2.9	3.3	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 940

DATA PROCESSING DIVISION
 FTSC/USAF
 AIR CENTER SERVICE/AFAC

SURFACE WINDS

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

STATION 25215 POST HILSER AFB/USKWA DIST APT 57-66 YEARS JAN MONTH
 CLASS ALL WEATHER HOURS (L S Y.) 1500-1700
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0	2.4	.-								9.3	3.7
NNE	3.2	1.4	1.1	.1								5.17	4.5
NE	3.3	.6	.4	.1								4.6	3.8
ENE	.4											.4	3.0
E	1.4	.3										1.7	3.2
ESE	.2											.2	2.0
SE	2.0	.8										2.8	3.1
SSE	1.6	.3										2.2	2.0
S	5.1	1.7	.5									7.3	3.5
SSW	3.7	1.5	1.0									5.5	4.1
SW	4.7	1.0	.1									5.3	3.0
WSW	1.2	.1	.1									1.4	3.1
W	1.6	.2	.2		.1							2.2	3.8
WNW	.8	.1	.1	.1	.1							1.2	5.5
NW	1.4	1.1	1.3	.3	.1							4.1	6.2
NNW	1.2	2.2	4.2	1.4								8.11	7.7
VARBL												38.3	
CALM													
	33.4	13.9	11.4	2.7	.3							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

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

STATION: 25210 FORT NELSON FC/MUSKOGEE AFB YEARS: 57-66 MONTH: JAN
 CLASS: ALL WEATHER HOURS (L.S.T.): 1800-2000
 CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	2.6	1.7	.3								9.7	4.6
NNE	1.7	.8	.6	.3								3.7	5.6
NE	2.7	.4	.9	.2								3.5	4.8
ENE	.1	.1	.1									.3	3.3
E	1.1	.3	.1									1.5	3.6
ESE	.9	.1										1.0	2.6
SE	2.0	.3										2.4	2.3
SSE	1.6	.1										1.7	2.6
S	3.3	2.5	.9									6.7	3.6
SSW	4.3	2.6	.5									7.4	3.8
SW	3.4	.5	.6									4.6	3.5
WSW	1.5	.2		.1								1.8	3.5
W	1.7	.1	.2	.2								2.0	4.2
WNW	1.1	.3	.2									1.6	3.8
NW	2.7	1.2	1.2	.2								5.3	4.6
NNW	2.6	2.6	3.3	1.3								9.8	6.6
VARBL													
CALM												34.6	
	37.3	14.7	10.4	2.9								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION: 20210 FIRST WELSH BN/ROSKWA DUT APT YEARS: 57-60 MONTH: JAN
 CLASS: ALL WEATHER HOURS (L.S.T.): 2100-2300
 CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	2.2	1.7	.6								10.5	4.6
NNE	.8	.6	.3	.4								1.9	5.9
NE	1.2	.8	.5	.2								2.7	5.1
ENE	.4	.1										.5	3.0
E	.5	.1										.6	2.9
ESE	.6	.3										1.1	3.5
SE	.4	.1										.4	3.5
SSE	1.2	.2										1.4	2.9
S	4.8	1.8	.6									7.3	3.5
SSW	3.5	2.2	1.1									6.8	4.3
SW	5.7	1.1	.3	.1								7.7	3.3
WSW	1.5	.2										1.7	3.1
W	1.4	.4										1.8	3.0
WNW	.4	.1	.1									1.1	3.2
NW	3.3	2.2	1.1									6.6	4.3
NNW	2.4	2.8	3.7	.8		.1						9.7	6.7
VARBL													
CALM												39.6	
	34.7	14.9	9.5	2.2		.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

25213 STATION 50701 WELSH SC/MUSKWA DDT APT 57-66 FFB
 STATION NAME YEARS MONTH
 ALL WEATHER 0000-0200
 CLASS HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.7	4.7	1.3	.5								12.2	4.4
NNE	2.1	1.4	.6									4.1	4.3
NE	1.8	.4										2.1	2.9
ENE	.5	.1										.5	3.2
E	.7											.7	2.7
ESE	.5		.1									.6	3.6
SE	1.9	.7	.1									2.7	3.2
SSE	1.4	.4										1.7	3.0
S	5.6	3.8	.6									9.9	3.7
SSW	3.1	3.1	1.5									7.7	4.6
SW	3.4	1.5	1.1									6.0	4.0
WSW	.9	.5	.4									1.8	4.7
W	1.8	.2	.1									2.1	3.1
WNW	.7	.4	.6	.4	.4							2.4	4.1
NW	3.5	.7	1.1	.1	.4							5.8	5.2
NNW	3.2	3.4	2.1	1.2								9.9	5.9
VARBL												29.7	
CALM													
	36.6	21.3	9.6	2.1	.7							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 846

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAG

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

SURFACE WINDS

STATION: 25210 STATION NAME: FORT NELSON BC/MUSKWA DDT APT YEARS: 57-66 MONTH: FEB

CLASS: ALL WEATHER MONTH: 0300-0500

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.0	3.4	1.8	.5	.1							12.8	4.6
NNE	1.4	1.1	.9									3.4	4.7
NE	.8	.1										.9	3.1
ENE	.6											.6	2.6
E	.6	.2										.8	3.1
ESE	.6	.2										.8	3.4
SE	1.5	.5	.4									2.4	3.8
SSE	1.5	.4										1.9	2.9
S	6.7	3.3	.6									10.6	3.5
SSW	3.1	4.0	1.8	.1								8.9	4.8
SW	4.3	2.1	.5									6.9	3.6
WSW	1.1	.5	.1	.2								1.9	4.6
W	1.5	.2	.1	.1								2.2	3.6
WNW	.4	.2	.5	.7	.1	.1						2.0	10.5
NW	1.7	.8	.7	.6	.1							3.8	6.1
NNW	2.6	2.8	2.7	.9	.1							9.2	6.1
VARBL													
CALM												30.7	
	35.3	20.0	10.0	3.2	.5	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 846

2

DATA PROCESSING DIVISION
 FTAC/USA
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

25218 STATION FORT NELSON BC/MUSKWA BDT APT 57-66 YEARS FEB MONTH
 ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.4	2.4	2.0	.4								10.2	4.7
NNE	1.7	1.1	.7									3.4	4.6
NE	2.0	.4										2.4	2.8
ENE	.4	.1										.5	3.0
E	.5	.1										.6	3.0
ESE	.4	.7	.1									1.2	4.4
SE	2.2	1.2	.1									3.5	3.6
SSE	.7	.2	.1									1.1	3.9
S	5.3	4.4	.8	.1								10.6	4.0
SSW	3.3	3.4	2.4	.2								9.3	5.0
SW	4.4		1.2									7.4	3.9
WSW	1.1	.1										1.5	2.8
W	1.8	.5	.5	.2								3.0	4.7
WNW	.2	.5	.6	.5								1.8	7.9
NW	1.5	.8	.7	.3	.2							4.0	6.3
NNW	2.4	3.2	3.4	.6								9.6	6.7
VARBL													
CALM												29.0	
	33.0	20.9	12.6	2.5	.2							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 846

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 25218 STATION NAME PORT NELSON BC/MUSKWA DUT APT YEARS 57-66 MONTH FEB
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.7	2.2	3.2	.5	.1							2.7	3.8
NNE	1.3	.6	.6	.2	.1							2.8	5.8
NE	2.3	.6	.2									3.3	3.5
ENE	.4	.1										.5	3.0
E	1.4		.2									2.1	3.3
ESE	.9	.2	.1									1.3	3.6
SE	3.2	1.1	.1									4.4	3.1
SSE	2.4	.5										2.8	2.9
S	8.1	3.2	1.3									12.5	3.7
SSW	2.7	3.0	1.2	.1								7.0	4.6
SW	4.3	.8	.2									5.3	3.2
WSW	.5	.1	.2	.2								1.1	6.8
W	.8	.2	.1	.1								1.3	4.3
WNW	.4	.2	.2	.2								1.1	6.8
NW	1.2	.6	.7	.2		.1						2.8	6.1
NNW	1.8	2.1	2.4	2.4	.1							8.7	7.9
VARtot													
CALM												33.2	
	35.0	15.0	10.4	4.0	.4	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 846

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE

SURFACE WINDS

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

25218 STATION FORT NELSON BC/MUSKWA DUT APT 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	2.1	3.5	4.1	1.5	.1							11.5	7.2
NNE	2.1	1.4	1.3	.2								5.1	5.3
NE	2.6	1.4	.4									4.4	3.9
ENE	1.1	.5										1.5	3.3
E	3.4	.4										3.8	2.7
ESE	1.5	.4	.1									2.0	3.3
SE	5.0	.8	.2	.1								6.1	2.9
SSE	2.4	1.5	.1									4.0	3.5
S	5.0	2.1	.2									7.3	3.4
SSW	1.1	1.8	.8									3.7	4.8
SW	1.7	.5	.5									2.6	4.0
WSW	.4		.1	.4								.8	8.9
W	.6	.4	.4	.2								1.5	6.4
WNW	.5	.1	.1	.1								.8	5.0
NW	1.2	.5	1.7	.6		.1						4.0	7.5
NNW	.9	1.1	3.0	1.9	.2							7.1	8.7
VARBL													
CALM												33.7	
	31.4	16.3	13.0	5.1	.4	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 846

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 25211 STATION NAME FRONT NELSON RC/HUSKWA OUT APT YEARS 57-66 PER MONTH 1500-1700
STATION STATION NAME YEARS MONTH
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
CLASS HOURS (L.S.T.)
 CONDITION _____
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	5.6	4.0	.0								16.1	5.4
NNE	2.6	3.1	1.2	.2								7.1	4.8
NE	2.5	2.0	.1	.1								4.7	3.8
ENE	.8	.7	.1									1.7	3.9
E	1.7	.2										1.9	2.9
ESE	.8	.8	.2									1.9	4.4
SE	3.7	1.7	.7									6.0	3.7
SSE	1.4	.8	.5									3.7	3.9
S	3.4	1.4	.2									3.6	3.3
SSW	.0	.8	.4									2.0	4.5
SW	3.1	.8	.4									4.3	3.5
WSW	.2	.7	.2	.1								1.5	5.2
W	.0	.2	.6	.1								1.5	5.7
WNW	.2	.4	.7	.2	.1							1.7	8.5
NW	.0	.9	1.5	.2								3.3	7.1
NNW	1.7	1.9	3.2	1.3	.1	.1						8.3	7.5
VARBL													
CALM												29.3	
	31.0	22.1	14.1	3.2	.2	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 846

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

25210 STATION FORT NELSON BC/MUSKWA DJT APT 57-66 YEARS FEB MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	8.3	5.9	2.7	.4								17.3	4.6
NNE	3.0	1.3	.9	.1								5.3	4.3
NE	2.0	.9	.4									3.3	4.1
ENE	.4	.2										.6	3.2
E	.6	.2										1.1	2.8
ESE	.9	.5	.1									1.5	3.8
SE	3.6	1.4	.2									4.8	3.5
SSE	1.4	.1	.1									1.7	2.8
S	4.1	1.8	.1									6.0	3.3
SSW	2.5	1.5	.2	.1								4.4	4.1
SW	3.1	1.2	.6	.1								5.0	4.0
WSW	1.8	.7	.4	.2								3.1	4.5
W	1.8	1.1	.6	.2								3.7	4.5
WNW	.8	.5	.4									1.7	4.7
NW	2.8	1.4	.8	.4								5.4	4.8
NNW	3.3	2.2	2.2	1.3								9.1	6.0
VARBL													
CALM												26.1	
	40.2	21.0	9.8	2.8								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 846

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/PAC

SURFACE WINDS

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

STATION 25210 STATION NAME FORT WILSON BC/MUSKWA DUT ART YEARS 57-66 MONTH FEB
 CLASS ALL WEATHER HOURS (LST) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.6	5.2	2.0	.2	.1							13.1	4.7
NNE	3.0	1.5	1.5									6.0	4.6
NE	1.8	.2										2.0	2.9
ENE	.5		.1									.6	3.4
E	.4	.2										1.2	3.4
ESE	.7	.4										1.1	3.7
SE	2.0	.4										2.4	3.0
SSE	1.1	.5										1.5	3.2
S	3.2	2.7	.2									6.1	3.7
SSW	3.2	2.7	.8									6.7	4.4
SW	2.1	2.0	1.2	.4								5.7	5.1
WSW	1.4	.0	.1									2.6	3.1
W	1.2	.4	.5	.2	.1							2.4	5.5
WNW	1.1	.1	.6	.6	.1							2.4	6.5
NW	2.4	1.2	.7	.8	.2	.1						5.9	6.3
NNW	3.4	2.7	3.0	.8								9.9	5.8
VARBL													
CALM												30.4	
	34.4	20.8	10.8	3.1	.5	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 946

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 25210 STATION NAME: EGRT NELSON BC/MUSKWA OUT APT YEARS: 57-66 YEAR MONTH: 0000-0200
 CLASS: ALL WEATHER HOURS (L.S.T.): 0000-0200
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.8	4.4	3.3	.5								14.1	5.1
NNE	2.7	2.6	1.6	.4								7.3	5.3
NE	1.4	.2	.4									2.6	3.7
ENE	.0	.1										.2	3.0
E	1.4	.4	.1									1.9	3.3
ESE	1.3	1.2	.5									3.0	4.5
SE	1.1	1.2	.4	.1								2.8	4.9
SSE	.5	.9	.2									1.6	4.6
S	2.4	4.0	1.3									7.6	4.7
SSW	2.3	2.3	1.2	.1								5.9	4.8
SW	2.4	1.6	.5									4.5	4.0
WSW	.7	.5	.3	.1								1.6	4.7
W	1.6	.3	.2									1.9	3.9
WNW	1.1	.1	1.0	.2								2.4	6.1
NW	3.1	1.5	.9	.4								5.9	4.7
NNW	2.0	3.0	3.5	2.0								11.9	7.0
VARBL													
CALM												24.4	
	31.0	25.1	15.6	4.0								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
 AFAC/USA
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

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

STATION 75215 PORT WILSON EC/MUSKOGEE DOT APT STATION NAME 57-66 YEARS MONTH 0300-0500 HOURS (L.S.T.)
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.1	4.6	4.0	1.1								15.8	5.4
NNE	3.2	2.9	1.8	.1								7.9	4.9
NE	1.0	.4										1.4	3.4
ENE	.3	.1										.4	3.5
E	.3	.4	.1									1.1	3.8
ESE	.4	1.0	.3									1.7	5.3
SE	2.3	1.3										3.5	7.5
SSE	.8	.4	.3									1.5	4.3
S	3.9	2.9	1.6									8.4	4.5
SSW	3.4	2.5	2.0									8.9	4.6
SW	3.0	1.0	.6									4.6	3.8
WSW	1.0	.4	.2									1.6	3.6
W	.8	.3	.2									1.3	3.9
WNW	.4	.2	.6	.1	.1	.1						1.6	8.5
NW	2.7	1.6	1.0									5.5	4.2
NNW	1.8	2.7	3.3	1.7								9.6	7.4
VARBL													
CALM												29.4	
	32.4	22.4	16.2	3.0	.1	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 730

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

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

STATION 2261 FOOT WLS/EC/USKAA OUT APT STATION NAME 17-66 YEARS
 MONTH MAR
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	4.2	4.0	.2	.1							14.3	3.5
NNE	1.7	1.2	1.3	.2								4.4	3.3
NE	1.0	1.1	.1									2.3	3.7
ENE	1.0	.3										1.3	3.1
E	.0	.3	.1									1.1	3.8
ESE	.0	.0	.3	.1								1.6	4.8
SE	1.4	.9	.3	.1								2.6	4.3
SSE	.0	.0										1.3	3.8
S	4.4	3.5	2.2									10.3	4.6
SSW	3.4	3.7	2.5	.1								9.7	5.1
SW	3.9	1.2	.2									5.3	3.2
WSW	1.2	.3	.3	.1								1.9	4.3
W	1.0	.3	.2									2.2	3.3
WNW	1.0	.3	.5	.4	.1							2.4	7.1
NW	1.4	1.9	1.3	.2								4.7	5.5
NNW	1.2	2.0	4.3	1.8								9.4	7.9
VARBL													
CALM												24.6	
	31.1	22.8	17.6	3.7	.2							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
 STA. 705AF
 AIR CENTER DE WIG/DAK

SURFACE WINDS

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

STATION 501 WILSON FC/DUSMAN UNIT APT YEARS 57-65 MONTH JAR
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 CONDITION _____

SPEED (KNTS): DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.5	2.3	1.2								10.5	7.4
NNE	1.5	1.0	1.2	.1								3.8	5.1
NE	2.2	2.3	.5									4.9	4.3
ENE	1.2	.4										1.6	3.3
E	1.8	.8	.5									3.1	4.0
ESE	1.0	.5	.3									2.7	3.8
SE	3.0	1.3	.8									5.8	3.6
SSE	2.5	1.4	.3									4.2	3.3
S	5.2	4.5	1.8									11.0	4.2
SSW	1.4	1.5	1.6									4.7	5.7
SW	1.3	.9	.3									2.5	4.0
WSW	.3	.2	.3	.2								1.1	7.0
W	.7	.1		.1		.1						.9	6.8
WNW	.1		.2	.5	.3	.1						1.3	13.7
NW	1.0	.5	1.8	1.2	.1		.1					4.7	8.4
NNW	.6	.4	3.9	2.2	.1							7.2	9.3
VARBL													
CALM												35.0	
	26.5	17.7	19.1	5.5	.5	.2	.1					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

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

STATION 25215 STATION NAME FORT NELSONS BC/MUSKIEA DUT APT YEARS 57-66 YEAR MONTH 1200-1400
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1-3	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	2.4	4.6	1.4								12.0	7.5
NNE	1.3	1.2	3.3	.1								5.9	6.7
NE	4.3	1.9	2.0	.1								8.6	4.6
ENE	2.3	1.4	.5									4.2	4.3
E	2.2	1.3	.4									3.9	3.9
ESE	1.4	1.4	.9									4.1	4.7
SE	4.1	1.9	1.7	.2								7.8	4.7
SSE	1.0	1.4	.5									2.9	4.3
S	1.4	1.9	.6									4.5	4.2
SSW	.0	1.0	.3									2.0	4.6
SW	1.0	1.1	.5	.6								3.2	6.6
WSW	.2		.4	.4		.1						1.2	10.1
W	.2	.1	.3	.9								1.9	9.6
WNW	.4		.5	1.1								2.0	9.4
NW	.5	.5	1.1	1.1	.3	.1						3.7	9.7
NNW	.2	1.2	3.0	3.1	.3							8.2	9.7
VARBL													
CALM												25.9	
	24.3	18.7	21.0	9.0	.6	.2						100.0	4.7

NO. OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

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

STATION: 25211 HORT NELSON BC/MUSKWA COIT APT STATION NAME: 57-66 YEARS: MONTH: MAR 1500-1700 HOURS (L.S.T.)

CLASS: ALL WEATHER

CONDITION:

SPEED (KNTS) DIR.	1 - 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	4.1	7.2	1.9								15.6	7.2
NNE	1.4	2.4	3.7	.9								8.8	5.8
NE	3.5	2.4	1.2									7.1	4.4
ENE	2.0	.6	.5									3.2	3.0
E	2.7	1.4	1.4	.1								5.2	4.8
ESE	1.4	1.2	2.2	.2								4.0	6.1
SE	4.2	3.1	1.7	.3								9.4	4.7
SSE	2.3	1.7	.6	.1								4.7	4.3
S	3.1	2.2	.6									5.7	4.0
SSW	.5	.4	.1	.1								.9	5.9
SW	.5	.8	.6	.1	.1							2.4	5.9
WSW	.3		.8	.3	.1							1.5	8.9
W	.4	.4	.5	.2	.1							1.6	7.4
WNW	.1		.8	.6	.1							1.6	10.9
NW	.4	.2	1.3	.6	.2							2.8	9.1
NNW	.4	2.3	3.9	2.3	.1							9.4	8.4
VARBL													
CALM												14.6	
	20.4	23.7	27.1	7.8	.8							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

2

AIR FORCE DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

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

SURFACE WINDS

STATION 20213 STATION NAME FORT WILSON FC/MUSKOGEE BOUT APT YEARS 57-66 MONTH MAR
 CLASS ALL WEATHER HOUSE (L & T) 1800-2000
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.3	4.8	6.0	1.0	.1							16.2	6.1
NNE	2.2	2.6	.9	.1								5.7	4.6
NE	3.4	1.2	.4									5.5	3.8
ENE	2.5	.2	.1									2.8	3.1
E	3.3	.8	.5									4.6	3.5
ESE	2.4	1.2	1.5									5.1	4.8
SE	3.1	1.4	1.1	.1								5.7	4.5
SSE	3.0	1.0	.2									4.3	3.5
S	3.0	1.5	.2									4.7	3.6
SSW	1.2	.4										1.8	3.1
SW	2.4	.9		.2	.1							3.5	4.2
WSW	.8	.6	.1									1.5	3.9
W	1.1	.4	.6	.3	.1							3.0	6.3
WNW	.5	.4	.3	.2								2.2	5.5
NW	1.4	2.0	1.3	.3		.1						5.7	5.8
NNW	1.5	3.0	4.1	1.9	.1							10.6	7.5
VARBL													
CALM												16.7	
	37.6	24.0	17.4	4.2	.4	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

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

2021 STATION FORT NELSON BC/MUSKWA OUT APT 57-66 YEAR MONTH
 ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.1	4.4	3.4	.6	.2							14.8	4.4
NNE	3.1	1.8	1.7	.4								7.1	5.2
NE	1.9	1.2	.5									3.7	4.1
ENE		.1	.1									.2	6.5
E	1.3	.6	.4									2.4	4.0
ESE	.5	.9	.9									2.3	3.6
SE	2.8	1.7	.8	.2								5.5	4.4
SSE	1.1	.6	.4									2.2	4.6
S	3.0	2.8	.1									5.9	3.8
SSW	2.2	1.0	.5									3.7	4.0
SW	2.5	1.4	.6									4.5	4.2
WSW	1.5	.5	.1	.1								2.3	4.0
W	2.4	.4	.1	.1								3.0	3.4
WNW	.5	.3	.6	.2	.1							1.8	7.1
NW	2.0	2.3	1.4	.2	.2							6.6	5.2
NNW	3.9	4.4	3.5	1.9								13.8	6.3
VARBL													
CALM												20.1	
	35.0	24.5	15.4	3.9	.5							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

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

25218 STATION FORT NELSON CC/HUSKWA DUT APT STATION NAME 57-66 YEARS APR MONTH
 ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	4.1	2.6	.9	.2	.1						12.0	5.9
NNE	1.2	1.4	1.6	.7								4.9	6.7
NE	1.9	1.7	.4									4.0	4.1
ENE	.6	.6	.1									1.2	3.8
E	1.3	.6	.2									2.1	3.7
ESE	.8	.9	.6	.1								2.3	5.4
SE	1.4	2.3	.9									4.7	4.7
SSE	1.2	1.2										2.4	3.6
S	5.1	4.1	.6									9.7	4.0
SSW	2.4	2.9	.7									6.0	4.4
SW	3.0	2.4	1.7									7.7	4.6
WSW	1.3	.4	.3	.1								2.7	4.3
W	1.7	.6	.7									3.1	4.3
WNW	.6	.7	.4	.1								2.0	5.3
NW	2.1	1.6	1.0	.7	.2							5.4	6.0
NNW	3.1	2.0	2.6	1.7	.3							9.6	7.0
VARBL													
CALM												20.7	
	32.3	27.7	14.2	4.2	.6	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 28214 STATION NAME FORT WELSON BC/MUSKWA BDT APT YEARS 57-66 MONTH APR
 CLASS ALL WEATHER HOURS (L & T.) 0300-0500
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	4.0	2.2	.7	.3							10.9	5.7
NNE	1.9	.8	.6	.2	.1	.1						3.7	3.9
NE	1.3	1.1	.2	.2								2.9	4.6
ENE	.8	.4										1.2	3.3
E	1.4	.3	.1									1.9	3.4
ESE	1.0	1.0	.4	.2								2.7	5.0
SE	1.4	1.2	.8									3.9	4.4
SSE	1.0	1.1	.1									2.8	3.5
S	3.8	4.2	.6									8.6	4.1
SSW	3.5	3.1	1.1									8.0	4.2
SW	2.6	2.4	1.6	.1								6.7	4.8
WSW	.7	.2	.2	.1								1.2	4.3
W	1.8	.6	.1	.1	.1							2.7	4.3
WNW	.6	.4	.8	.1								1.9	6.4
NW	1.9	1.2	1.1	.0								5.0	6.0
NNW	2.4	3.1	3.2	1.3	.2							10.7	6.8
VARBL													
CALM												25.4	
	31.3	25.3	13.1	3.9	.8	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 AFAC/USA
 AIR EATER SERVICE/AC

SURFACE WINDS

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

2521st STATION PORT INLSIDE BC/MUSKWA DUT APT STATION NAME 57-66 YEARS APR MONTH
ALL WEATHER CLASS 0600-0900 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 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	2.7	2.4	2.0	.1							9.2	7.4
NNE	1.7	1.4	1.3	.1								4.6	5.3
NE	1.4	.2	.7									2.8	4.4
ENE	.7	.3	.1									1.1	3.7
E	1.1	.6	.2									1.9	3.6
ESE	.7	.4	.1	.3								1.6	5.7
SE	3.6	1.9	.3	.2								6.0	4.0
SSE	2.4	1.8	.6	.1								5.3	3.9
S	7.4	5.3	1.8	.1								14.7	4.2
SSW	2.6	3.1	1.7	.2								7.6	4.9
SW	2.1	1.4	1.1									5.1	4.6
WSW	.6	.4	.4	.2								1.7	6.1
W	.6	.1	.3									1.0	5.1
WNW	.1	.4	.1	.7								1.3	9.3
NW	1.6	.8	1.6	.7								4.6	6.3
NNW	.8	2.0	3.7	2.1								8.6	8.2
VARBL												23.1	
CALM													
	30.1	23.4	16.4	6.8	.1							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 25215 STATION NAME FORT NELSON BC/MUSKWA OUT APT YEARS 57-66 MONTH APR
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.6	4.9	2.2	.2	.1						9.9	8.9
NNE	.8	.8	1.7	1.2								4.4	8.2
NE	2.0	2.2	.8	.2	.1							5.3	5.1
ENE	.7	.6	.2									1.4	4.4
E	1.9	1.6	.1									3.6	3.6
ESE	1.3	.6	.9	.2								3.0	5.9
SE	6.9	3.4	1.6	.4								12.3	4.4
SSE	2.3	1.7	1.3	.4								5.8	5.3
S	3.2	3.3	1.3	.1								10.0	4.4
SSW	.8	1.3	1.3									3.2	5.9
SW	1.0	.9	1.0	.2								3.1	5.8
WSW	.1	.1	1.1	.7	.2							2.2	10.2
W	.4	.4	.7	1.4	.2	.1						3.3	10.6
WNW	.3	.4	.4	.3	.1							1.7	8.2
NW	1.1	.3	1.2	.7	.1							4.1	7.4
NNW	.4	.9	3.2	2.3	.4							7.1	9.8
VARBL													
CALM												19.2	
	26.4	20.1	22.4	10.8	1.4	.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

SURFACE WINDS

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

25215 STATION FORT NELSON FC/MUSKWA OUT APT 57-66 YEARS APR MONTH
 STATION NAME 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	.9	2.9	3.9	4.0	.7							12.3	9.4
NNE	.9	2.2	3.1	1.0								7.2	7.4
NE	2.1	1.9	1.1	.3								5.4	5.0
ENE	1.1	1.2	.6									2.9	4.8
E	1.9	1.1	.6									3.6	4.3
ESE	.7	1.0	1.9									4.1	6.3
SE	4.7	4.1	2.0	.7								11.4	5.0
SSE	2.0	3.0	3.0	1.1								9.1	6.5
S	2.3	1.4	1.3	.4								5.6	5.2
SSW	.4	.4	.3	.1								1.3	5.9
SW	.9	.8	.9	.1								2.7	5.5
WSW	.5	.7	1.3	.9								3.2	8.7
W	.7	.3	.8	1.7								3.4	9.7
WNW	1.1	.3	1.3	.8	.1							3.6	7.9
NW	1.1	.9	2.0	1.3	.1							5.4	8.1
NNW	.7	.9	2.1	2.7								6.3	9.4
VARBL													
CALM												12.3	
	21.7	23.8	26.2	15.1	.9							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

20214 STATION FORT NELSON BC/MUSKWA OUT APT STATION NAME 57-66 YEARS APR MONTH
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.3	3.9	4.0	.3							13.0	8.5
NNE	.8	2.0	3.0	1.6	.4							8.0	8.6
NE	1.7	1.6	1.6	.4								4.2	3.7
ENE	.8	.9	.3	.2								2.2	5.3
E	3.2	1.8	1.3	.1								6.4	4.6
ESE	1.6	1.9	2.4	.2								6.1	6.1
SE	4.0	4.0	3.7	.7								12.3	5.6
SSE	2.1	1.8	2.3	.4								6.7	5.9
S	1.1	1.8	1.6	1.0								5.4	6.8
SSW	.4	.4	.7	.2								1.7	6.5
SW	.9	1.0	.7		.1							2.7	3.6
WSW	.9	.9	.7	1.0	.2							3.7	8.1
W	.2	.7	.7	1.3	.4							3.3	10.7
WNW	.1	.4	.8	.4	.8	.1						2.7	12.0
NW	.4	.8	1.4	1.2	.1							4.0	8.9
NNW	.4	1.4	3.4	3.4	.1	.1						9.0	9.6
VARBL													
CALM												7.4	
	20.0	24.7	28.4	16.6	2.6	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 FTAL/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 25217 STATION NAME: FORT NELSON DC/MUSKWA DUT APT YEARS: 57-66 MONTH: APR
 CLASS: ALL WEATHER HOURS (L.S.T.): 1800-2000
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	4.2	5.2	2.6	.1							14.6	7.3
NNE	1.4	2.3	1.5	1.3								7.2	6.8
NE	3.1	2.3	1.3	.3								7.1	4.8
ENE	1.2	1.1		.1								2.4	4.2
E	3.7	2.2	1.3									7.7	4.4
ESE	2.0	1.6	1.4	.2								5.8	5.3
SE	3.1	2.7	2.2									7.9	4.9
SSE	2.0	1.8	1.4									5.2	5.0
S	2.4	2.6	.7	.3								6.3	4.6
SSW	.7	.6	.2									1.7	4.2
SW	1.4	.9	.6									2.9	4.3
WSW	.1	.4	.6	.4								1.6	4.6
W	1.4	1.0	1.0	.3								4.2	5.4
WNW	.1	.7	.7	.4								2.1	7.6
NW	1.1	1.3	.8	.3								4.0	6.3
NNW	1.2	1.4	3.0	2.7								8.8	8.3
VARBL													
CALM												11.0	
	24.0	27.6	22.2	9.6	.1							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 900

2

DATA PROCESSING DIVISION
 DTIC/USAF
 AIR READER SERVICE/MAC

SURFACE WINDS

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

22216 STATION 20216 FU T NELSON BC/MUSKWA OUT APT STATION NAME 57-60 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	3.0	3.9	3.3	1.4	.2							12.2	6.8
NNE	1.2	1.7	2.7	1.1	.1							5.8	7.4
NE	2.5	1.2	.4	.2								3.0	4.4
ENE	.6	.4	.4									1.4	4.8
E	1.3	1.6	.9									3.4	4.7
ESE	.7	1.6	.8									3.8	5.1
SE	2.0	1.7	1.6									5.2	5.1
SSE	1.4	1.8	1.0	.1								4.3	5.2
S	4.1	3.3	.8									8.2	4.1
SSW	1.2	2.4	.3									4.0	4.5
SW	2.2	1.7	1.0	.1								5.0	4.6
WSW	1.3	.7	.2									2.2	3.9
W	2.1	.5	1.3	.1								4.3	5.1
WNW	.7	.7	.6	.3								2.2	6.7
NW	2.4	2.3	1.1	.6								6.7	5.1
NNW	2.3	1.4	3.4	.4	.2							8.8	6.8
VARBL													
CALM												18.0	
	24.1	27.2	19.9	5.2	.5							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR EATER SERVICE/AC

SURFACE WINDS

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

25211 STATION PORT WILSON BC/MUSKWA OUT APT 57-66 YEARS DAY MONTH 0000-0200
STATION NAME CLASS HOURS (L.S.T.)

ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	2.7	1.9	.9								9.6	5.4
NNE	2.4	1.5	1.8	.1								5.8	5.1
NE	1.5	1.2	.4	.1								3.2	4.4
ENE	.3	.3	.3									1.0	5.1
E	1.2	1.5	.4	.1								3.2	4.7
ESE	.4	.6	.6									2.2	5.3
SE	1.1	1.1	.5	.1								3.3	4.5
SSE	1.3	.6	.9									2.8	5.2
S	3.5	2.4	.5	.1								6.8	3.9
SSW	1.3	2.9	.8									4.9	4.8
SW	2.0	1.6	.6									5.1	4.1
WSW	1.5	.8	.5	.5								3.4	5.8
W	2.7	1.3	.8	.2								4.9	4.6
WNW	1.1	1.2	1.6	.4								5.5	6.0
NW	2.5	2.5	1.6	.3								7.4	5.2
NNW	1.5	2.1	2.7	1.3								8.6	6.8
VARBL													
CALM												22.3	
	31.6	25.7	16.1	4.3								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 085 (01) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
 STAG/USAF
 AIR LEAFLET REFERENCE/AFAC

SURFACE WINDS

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

STATION 021 PORT HULLS, 100 C/MUSKOGEE DIST GA 57-66 MAY 1966
 STATION NAME CLASS ALL-FAIRER HOURS (L.S.T.) 0300-0500
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.4	2.3	1.8	.3								8.8	4.9
NNE	1.5	.9	1.3	.4								4.0	6.1
NE	1.7	1.3	.1									3.2	3.6
ENE	.2	.6										.9	4.1
E	.9	.8	.2									1.9	4.1
ESE	1.1	.6	.6									2.3	4.7
SE	2.1	.6	.5	.1								3.3	4.3
SSE	1.3	.5	.4									2.2	4.3
S	4.7	3.7	1.6									9.9	4.4
SSW	3.7	2.8	1.3									7.8	4.4
SW	3.2	1.6	.4									5.6	3.5
WSW	2.3	.5	.2									3.1	3.5
W	1.7	1.1	.5	.5								4.1	3.8
WNW	.4	1.7	1.3	.5	.1	.1						3.4	4.1
NW	1.7	2.3	2.0	.1		.1						6.2	5.8
NNW	3.0	1.5	4.0	1.8								10.6	6.8
VARBL													
CALM												22.6	
	34.7	22.7	16.5	4.1	.1	.2						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

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

2021 STATION FORT POLSON DC/HUSKWA INT APT YEARS 57-60 MONTH MAY
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.4	2.6	.6								5.2	9.8
NNE	2.7	1.5	.8	.2								3.2	4.6
NE	2.6	1.5	.3	.1								4.1	4.3
ENE	.5	.3	.3									1.4	4.4
E	1.2	.0	.3									2.2	4.0
ESE	1.7	.9	1.1									2.6	3.6
SE	4.4	2.5	.6	.1								7.6	4.0
SSE	3.1	1.7	.2									4.7	3.5
S	5.6	5.7	1.2	.1								12.6	4.3
SSW	2.4	2.4	1.0									5.7	4.5
SW	1.7	1.2	.4	.1								3.5	4.2
WSW	.6	.1	.2	.3								1.3	6.3
W	.3	.5	.8	.6								2.3	8.0
WNW	.5	.4	1.2	.4	.1							3.7	8.2
NW	.5	1.9	2.5	.9		.2						6.2	8.0
NNW	1.6	1.3	4.6	2.2	.2							9.5	8.7
VARBL													
CALM												15.8	
	31.2	25.2	18.2	6.1	.3	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

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

STATION: 40211 STATION NAME: FORT WALTON BEACH/MUSKOGEE YEAR: 57-60 MONTH: MAY
 CLASS: ALL WEATHER HOURS (L.S.T.): 0900-1100
 CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.5	4.1	1.4								9.0	7.1
NNE	1.1	1.6	1.3	.8								4.7	6.5
NE	2.0	1.8	1.0	.2								5.1	5.0
ENE	2.2	1.0	.5	.2								3.9	4.8
E	2.5	1.2	.9									4.6	4.3
ESE	2.0	1.3	1.8									5.2	5.1
SE	3.5	4.1	1.2	.8								9.6	5.2
SSE	1.7	2.9	.9	.1								4.8	5.0
S	3.4	2.3	.3	.4								6.9	4.5
SSW	1.3	.3	1.2	.2								3.0	5.9
SW	1.0	1.2	.4		.1							3.2	4.6
WSW	.3	1.2	.9	.8	.3							3.4	8.8
W	.3	.5	1.0	1.7								3.5	9.7
WNW	.7	.3	1.4	2.8	.2	.2						4.4	11.9
NW	.0	1.6	3.2	3.1	.2							8.8	9.3
NNW	.4	1.6	3.4	3.4	.2							9.6	9.8
VARBL												8.4	
CALM													
	24.4	25.6	23.9	15.4	1.1	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

2

AIR PROFESSION DIVISION
 ETAC/USA
 AIR WEATHER SERVICE/HAL

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

SURFACE WINDS

STATION 25210 FORT WALKER AFB MUSKOGEE COUNTY ALA 37-66 YEARS MONTH MAY
 CLASS ALL WEATHER HOURS (LST) 1200-1400
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.8	2.7	1.3	.2							8.2	7.6
NNE	.4	2.3	3.5	1.1	.1							7.8	7.4
NE	1.4	2.7	1.2	.6								6.5	5.5
ENE	1.0	.6	1.6	.3								4.7	6.0
E	1.4	1.7	1.4	.5								5.6	5.8
ESE	1.1	1.7	2.0	1.4								6.2	7.5
SE	2.0	2.9	2.5	1.0								8.9	6.1
SSE	.0	1.4	1.3	.1								3.5	5.7
S	.7	2.5	1.7	.4								5.5	6.0
SSW	.5	.2	1.3	.1								2.5	6.5
SW	1.4	1.0	.8	.5	.1							3.8	6.3
WSW	.2	.5	1.1	1.0								3.1	8.5
W	1.1	.8	1.5	1.3	.4	.1						5.2	9.3
WNW	.4	1.7	2.3	2.0	.2							7.0	8.7
NW	.5	1.3	3.0	2.8	.3	.1						8.1	9.9
NNW	.5	1.5	3.7	2.5	.3							8.5	9.3
VARBL													
CALM												5.5	
	18.2	25.4	31.5	17.0	1.7	.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/AAC

SURFACE WINDS

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

STATION 25215 STATION NAME PORT NELSON FC/MUSKWA OUT APT YEARS 57-66 MONTH MAY
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.5	3.3	1.7	.5	.1						10.6	7.9
NNE	1.6	2.4	3.5	1.4								9.1	7.1
NE	1.5	2.4	2.8	.5								7.2	6.4
ENE	1.5	2.0	.9	.2								4.6	5.1
E	1.4	1.6	1.5	.4								5.5	5.6
ESE	.0	1.6	2.3	1.3								5.8	7.9
SE	1.4	2.4	1.7	1.0	.2							6.7	7.0
SSE	.5	1.5	1.3	.5	.1							4.0	7.3
S	1.7	1.3	1.9	.2								5.4	5.5
SSW	.4	.3	1.2	.2								2.2	7.2
SW	1.1	1.2	1.9	.8	.1							5.1	7.2
WSW	.3	.5	1.1	.5	.1							2.6	8.5
W	.2	.6	1.4	1.6	.2							4.1	9.8
WNW	.3	.3	2.2	1.1	.5							4.4	10.4
NW	.4	1.4	3.3	1.6	.3	.2						8.3	8.8
NNW	1.1	1.0	3.7	2.7	.8							9.8	9.2
VARBL												4.7	
CALM													
	17.0	25.3	34.0	15.0	2.9	.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

25216 STATION FORT NELSON BC/MUSKWA BOUT APT 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	3.0	3.2	4.6	1.9	.2							13.0	7.1
NNE	1.9	2.7	3.0	.4								8.1	6.1
NE	2.9	2.8	1.7	.2								7.6	5.1
ENE	1.7	.6	1.2	.1								3.7	5.3
E	1.7	2.8	2.3	.5								7.8	6.1
ESE	1.3	2.3	2.6	.3								6.5	6.3
SE	1.4	1.5	1.2	.6	.2							4.9	7.0
SSE	1.3	1.5	.8	.1								3.3	5.2
S	2.2	1.0	1.0	.2								4.3	4.9
SSW	.0	.4	.5	.1								1.7	5.3
SW	1.4	.4	.5	.4								3.1	5.6
WSW	.6	.0	.9	.5								2.3	8.3
W	.0	.8	1.1	.0	.1							3.2	8.0
WNW	.9	.9	1.6	1.3	.2							4.8	8.4
NW	1.8	2.6	3.2	1.0	.1	.1						8.8	7.1
NNW	1.7	2.5	2.5	1.9								8.6	7.2
VARBL													
CALM												8.7	
	24.4	26.9	28.6	16.4	.9	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 25213 STATION NAME: FORT NELSON BC/MUSKWA OUT APT YEARS: 57-66 MONTH: MAY
 CLASS: ALL WEATHER HOURS (L.S.T.): 2100-2300
 CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	3.2	3.3	.6								10.1	5.8
NNE	1.5	2.0	1.5	.5								5.6	6.0
NE	2.3	2.2	.6	.3								5.4	4.8
ENE	1.3	.9	.4									2.6	4.3
E	1.2	1.3	1.6	.2								4.3	5.8
ESE	1.3	1.2	1.2	.2								3.9	5.7
SE	1.7	1.1	.5	.3								3.7	5.2
SSE	.5	.6	.6									1.8	5.4
S	2.9	1.8	.3	.1								5.2	3.8
SSW	1.5	.9	.1									2.5	3.6
SW	2.2	1.6	.5									4.3	4.3
WSW	.9	1.1	.5									2.5	4.8
W	2.4	1.9	1.9	.3								6.6	5.6
WNW	1.1	1.4	1.0	.9		.1						4.3	7.2
NW	3.5	2.4	2.5	.3								8.7	5.3
NNW	1.7	3.2	4.0	1.3								10.2	6.9
VARBL													
CALM												18.5	
	23.7	26.8	20.8	5.2		.1						100.0	4.5

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)

25213 STATION FORT NELSON BC/MUSKWA DUT APT 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	3.7	2.4	1.0	.6								7.7	4.8
NNE	1.7	1.1	.7									3.4	4.4
NE	1.4	1.0	.2									2.7	3.6
ENE	.7	.1										.3	3.7
E	1.3	.6	.4									2.5	4.4
ESE	.7	.7	.3									1.7	4.6
SE	2.1	1.3	.3	.1								3.9	4.0
SSE	1.1	1.3	.2									2.7	4.3
S	5.4	3.0	.2									8.7	3.3
SSW	2.7	2.0	.2									4.9	3.6
SW	2.8	1.4	.1									4.3	3.6
WSW	1.4	.6	.4									2.4	4.3
W	3.2	1.9	1.6	1.1								7.8	6.0
WNW	1.2	1.1	1.2	.4								4.0	6.1
NW	3.5	3.3	1.7	.2								9.0	4.8
NNW	2.7	2.3	1.8	1.4								8.2	6.6
VARBL												25.8	
CALM													
	35.4	24.4	10.4	3.9								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 DTIC/USAF
 AIR WEATHER SERVICE/MAA

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

SURFACE WINDS

25211 STATION FRONT NELSON BC/MUSKWA QST APT 57-66 YEARS JUN MONTH
 ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
 _____ CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.0	.9	.2								6.0	4.2
NNE	.9	.9	.6									2.3	4.2
NE	1.1	.7										1.8	3.2
ENE	.3	.1	.2									.7	4.8
E	1.4	.8	.1									2.3	3.6
ESE	.4	.4										.9	3.6
SE	1.8	.8	.8									3.3	4.4
SSE	1.9	.6	.1									2.6	3.6
S	4.7	2.8	.3									8.8	3.8
SSW	3.4	2.8	.9									7.1	4.1
SW	4.4	1.8	.3									6.5	3.4
WSW	1.0	.7		.3								2.4	4.5
W	2.6	1.3	1.0	.5								5.7	5.5
WNW	1.2	1.2	2.0	1.0								5.4	7.3
NW	2.1	2.7	1.3	.7								6.8	5.6
NNW	2.5	1.7	1.9	1.0								7.1	6.3
VARBL													
CALM												30.1	
	34.3	21.1	10.4	4.0								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ IAC

SURFACE WINDS

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

STATION 25210 STATION NAME FORT NELSON BC/MUSKWA BDT APT YEARS 57-66 MONTH JUN
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.7	1.1	.6								5.4	3.7
NNE	.9	.7	1.0	.1								2.7	5.3
NE	2.0	1.1	.1									3.2	3.7
ENE	.8	.6	.1									1.4	3.9
E	1.7	1.1	.2									3.0	4.0
ESE	.7	.2		.1								1.0	4.1
SE	5.0	2.2										7.2	3.3
SSE	3.6	1.2										4.8	3.2
S	7.7	5.8	1.0									14.4	3.9
SSW	2.4	2.9	1.4									6.8	4.7
SW	1.7	1.6	.2									3.4	4.1
WSW	.7	.6	.6	.1								1.9	5.5
W	.6	.8	1.4	.8	.1	.1						4.1	7.8
WNW	.4	1.0	1.4	2.3	.2							5.4	10.1
NW	1.3	2.1	3.6	.8								7.8	6.9
NNW	1.0	1.8	2.6	1.0								6.3	7.3
VARBL													
CALM												21.0	
	32.0	25.4	14.8	5.8	.3	.1						100.0	

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

2521 STATION FORT NELSON BC/MUSKOKA OUT APT 57-66 YEARS JUN MONTH
 ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.3	2.7	1.3								8.1	7.0
NNE	.4	2.0	1.2	.3								4.4	5.9
NE	2.5	1.2	.4									4.4	3.8
ENE	1.3	.1	.6	.1								2.1	4.9
E	2.7	1.4	.4									4.6	4.0
ESE	1.2	1.4	.7	.2								3.6	5.2
SE	0.7	2.8	1.4									10.9	3.9
SSE	3.0	2.4	.6	.1								6.1	4.2
S	3.2	2.7	1.6	.3								9.8	4.5
SSW	1.4	.4	1.0	.1								3.4	5.4
SW	1.1	1.2	.6	.2								3.1	5.4
WSW	.4	.2	.6	.6								1.8	7.4
W	.6	1.1	.7	1.3	.1							3.8	8.6
WNW	.4	.7	2.1	2.6	.3	.3						6.4	11.0
NW	1.4	2.0	3.0	2.4	.3							9.2	8.3
NNW	.1	1.8	3.0	1.9	.1							7.6	8.6
VARBL													
CALM												10.7	
	31.8	24.3	20.4	11.6	.9	.3						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AAC

SURFACE WINDS

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

STATION: 2521 STATION NAME: FORT WELSH BC/MUSKWA BDT ART YEARS: 57-66 MONTH: JUN
 CLASS: ALL WEATHER HOURS (L.S.T.): 1200-1400
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.8	2.6	1.4	.1							7.6	7.3
NNE	.7	.9	1.8	.2								3.6	6.8
NE	1.8	2.0	1.2	.3								5.3	5.5
ENE	1.0	.9	1.0									2.9	5.6
E	2.3	1.8	1.2	.4								5.8	5.5
ESE	1.3	1.7	1.9	.3								5.2	6.1
SE	2.3	2.2	2.6	.4								7.6	5.7
SSE	1.7	2.6	1.6	.7								6.5	5.9
S	3.6	3.2	.6	.2								7.6	4.3
SSW	.5	1.0	.7									2.4	5.4
SW	1.1	1.1	1.0	.4	.1							3.8	6.6
WSW	.4	.9	1.8	1.0	.1							4.2	8.3
W	1.0	1.6	2.1	1.0	.3							6.0	8.1
WNW	.2	.8	1.6	2.6	.4	.1	.1					5.8	11.3
NW	1.7	1.8	2.7	2.6	.4							9.1	8.6
NNW	.7	1.4	3.7	2.6	.1	.1						8.6	9.3
VARBL													
CALM												8.1	
	22.4	25.6	27.8	14.2	1.7	.2	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 899

2

DATA PROCESSING DIVISION
 AFMPC/USAF
 AIR WEATHER SERVICE/AAC

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

SURFACE WINDS

22211 STATION FORT WILSON FC/MUSKWA BDT APT 57-66 YEARS JUN MONTH
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	2.7	2.2								6.4	7.9
NNE	1.2	1.2	2.3	.3								5.1	6.6
NE	2.1	2.9	2.8	.2								4.0	5.7
ENE	.4	1.9	1.4	.1								3.9	6.1
E	2.1	1.8	2.5	.4								6.8	5.1
ESE	.4	1.1	1.8	.4								4.1	7.0
SE	2.1	1.9	2.7	.4								7.1	5.9
SSE	.4	2.9	.7									4.5	5.2
S	3.0	2.2	1.1	.3								6.7	4.8
SSW	.0	1.0	1.0	.3								3.1	6.4
SW	.4	1.7	1.8	.2								4.6	6.2
WSW	.3	.3	.4	.0								1.9	8.6
W	1.4	1.9	1.8	1.2	.2							6.6	7.2
WNW	.0	.4	1.7	2.7	.4							5.0	10.6
NW	.7	1.8	2.9	2.0	.3							7.7	8.8
NNW	1.0	1.3	4.3	1.0								8.5	3.2
VARBL													
CALM												7.2	
	19.2	26.8	31.9	13.6	1.0							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 897

2

DATA PROCESSING DIVISION
 HTAC/USAF
 AIR WEATHER SERVICE/44C

SURFACE WINDS

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

2021 STATION FORT WILSON BC/MUSKWA BDT APT STATION NAME 57-66 YEARS JUN MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 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	2.0	1.4	1.1								7.3	6.1
NNE	1.7	2.1	1.8	.4								6.0	5.8
NE	3.0	2.4	1.6	.3								7.9	4.9
ENE	1.9	1.9	1.1	.1								5.0	5.2
E	1.9	3.2	1.6	.1								2.8	5.3
ESE	1.0	1.7	1.7	.3								4.7	6.2
SE	3.2	2.1	1.8	.3								7.5	5.0
SSE	.4	.9	.4	.1								1.9	5.9
S	2.1	1.6	.3	.1								4.1	4.2
SSW	1.0	.9	.9	.3								3.1	6.1
SW	1.1	1.1	1.1	.2								3.6	5.7
WSW	.7	.4	1.0	.6								2.7	6.7
W	1.4	2.0	1.2	.8	.2							6.0	6.7
WNW	1.4	1.0	2.0	1.5	.1							6.7	7.7
NW	1.3	2.3	3.7	1.1	.1							8.6	7.1
NNW	.4	2.0	2.4	1.0								7.1	7.8
VARBL													
CALM												11.0	
	20.1	29.1	24.1	9.4	.4							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 898

FEDERAL BUREAU OF INVESTIGATION
 AIR WEATHER SERVICE/FAO

SURFACE WINDS

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

2021 STATION FOOT HILLS FC/USKKA DJT APF STATION NAME 57-66 YEARS July MONTH 2100-2300 HOURS UTC
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR	1-3	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	3.3	1.2	.1								7.0	4.8
NNE	1.4	1.4	.6									3.4	4.4
NE	1.7	1.6	.8	.1								4.0	4.9
ENE	1.0	.4	.1									1.6	3.8
E	1.4	1.0	1.0									3.4	4.9
ESE	.4	.8	1.7	.1								3.4	6.1
SE	1.7	1.4	.3									3.4	4.2
SSE	1.1	.4	.2	.2								2.0	3.0
S	3.1	1.2	.3	.2								4.0	3.9
SSW	1.7	2.1	.3									4.2	4.2
SW	3.0	1.7	.4									5.1	3.8
WSW	1.3	1.0	.3	.3	.1							3.1	3.8
W	4.2	2.4	1.0	.1								8.6	4.8
WNW	1.7	1.9	1.3	.6								5.0	6.4
NW	2.2	3.3	2.9	.1	.1	.2						11.4	5.8
NNW	2.0	2.1	2.2	1.0	.1							8.9	7.2
VARBL													
CALM												20.4	
	31.7	24.1	14.6	4.4	.3	.2						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 900

FORM 1-67 (REV. 1-67)

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

STATION: 25211 PORT GULF BOMBARDIER APT STATION NAME: 57-66 YEARS: JUL MONTH: 0000-0200 HOURS (L.S.T.)
 CLASS: ALL WEATHER
 CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.0	.8	.2								5.4	4.7
NNE	.4	.3	.3									1.1	4.8
NE	1.3	.1										1.4	2.9
ENE		.3										.3	4.0
E	.3	.3										.6	3.7
ESE	.3	.3	.2									1.1	4.5
SE	1.5	.3	.2									2.4	3.3
SSE	.4	.6	.4									1.5	3.1
S	5.4	3.2	.5									9.7	3.7
SSW	3.2	3.3	.6									7.3	4.0
SW	2.2	2.4	.3									4.2	3.5
WSW	2.6	1.0	.3									3.9	3.7
W	2.4	3.0	.9	.2								7.0	4.6
WNW	1.3	1.3	1.6	.5	.1	.1						6.1	6.5
NW	3.2	2.7	2.4	.2								8.8	4.9
NNW	1.4	1.9	2.8	.6								6.8	6.8
VARBL												28.0	
CALM													
	34.4	23.8	11.4	1.8	.1	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

22211 STATION FORT WILSON AFB/MUSKOGEE COUNTY 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	2.0	1.2	.1									3.9	3.6
NNE	1.1	.2	.1									1.3	3.8
NE	1.1		.1									1.2	3.2
ENE	.1											.1	1.0
E	.4	.4	.1									1.0	4.2
ESE	.4	.2	.1									.8	3.7
SE	1.1	.3										1.4	2.7
SSE	.0	.4	.2									1.7	4.2
S	3.3	4.8	.9	.1								11.1	4.1
SSW	3.4	4.2	.9									8.5	4.3
SW	6.5	1.6	.4									8.5	3.3
WSW	1.3	.8	.4									2.5	4.2
W	3.3	2.0	2.0	.2								7.6	5.0
WNW	.9	.9	1.5	.5	.1	.2						4.1	8.2
NW	3.0	1.4	2.0	.4								6.9	5.4
NNW	1.3	1.2	2.2	.8								5.4	6.9
VARBL													
CALM												34.0	
	32.5	20.1	11.1	2.0	.1	.2						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

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

SURFACE WINDS

20214 STATION FULT HILLSON HG/MUSKOGA OUT APT STATION NAME 57-66 YEARS JUL MONTH 0600-0800 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 55	%	MEAN WIND SPEED
N	.6	1.9	.4	.1								3.1	5.1
NNE	.5	.8	.3									1.6	4.5
NE	.9	.6										1.5	3.7
ENE	.1	.1										.2	3.5
E	1.0	.3										1.3	3.2
ESE	.3	.4	.1									.9	4.1
SE	3.4	.9	.1									4.4	3.2
SSE	2.9	1.4	.1									4.4	3.4
S	10.4	8.9	1.2									20.0	3.9
SSW	3.3	4.0	1.2	.1								8.6	4.5
SW	3.2	1.3	.8									5.3	4.0
WSW	.0	.0	1.0									2.3	5.4
W	1.7	1.3	1.6	.3	.1	.1						5.4	6.4
WNW	1.0	1.5	2.0	1.4	.1							6.0	7.9
NW	1.0	1.2	2.7	.9								6.7	7.0
NNW	1.0	1.8	1.6	1.5								5.9	7.6
VARBL													
CALM												22.0	
	32.0	26.9	13.1	4.3	.2	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

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

15215 STATION FORT NELSON FC/NUSKWA MILIT APT YEARS 57-66 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.3	2.8	.7								5.7	6.6
NNE	.2	1.5	.5									2.6	5.0
NE	1.6	1.3	.3									3.7	4.0
ENE	.4	.3	.6									1.4	3.5
E	2.4	1.2	.6									4.7	4.2
ESE	.6	1.1	.9									2.6	3.4
SE	3.8	3.2	.1	.1								9.2	3.6
SSE	4.1	3.1	1.1	.1								8.4	4.2
S	6.1	4.2	.6									11.0	3.9
SSW	1.2	1.1	.4									2.7	4.6
SW	1.2	.6	.6	.2								3.1	5.0
WSW	.7	.6	.9	.3								2.0	7.2
W	1.1	1.4	2.0	1.2		.1						5.7	8.0
WNW	.4	1.3	2.8	4.2	.4	.1						9.6	10.3
NW	.8	2.3	5.1	2.2	.3							10.5	8.6
NNW	.2	2.0	3.5	2.0								8.5	8.7
VARBL													
CALM												10.1	
	24.8	26.6	23.0	10.5	.5	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/PAC

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

SURFACE WINDS

22210 STATION ROY NELSON HC/MUSKWA DQT APT 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	1.4	1.8	2.6	1.2								7.5	6.8
NNE	.8	1.4	1.5	.4								4.1	6.3
NE	1.7	1.9	.5	.2								4.4	4.9
ENE	.4	1.1	.8	.3								2.6	6.3
E	1.1	1.1	.6		.1							2.9	5.1
ESE	1.2	1.6	.6	.1								3.5	5.0
SE	4.0	3.9	1.7	.4								10.0	5.0
SSE	1.8	1.6	1.5	.2								4.9	3.6
S	3.0	2.7	.5	.1								6.3	4.3
SSW	1.3	1.0	.5	.5								3.3	6.0
SW	.5	1.1	.9	.2								2.7	6.2
WSW	.5	.9	1.3	.6	.1							3.4	5.0
W	1.2	1.5	1.9	1.8								6.5	7.8
WNW	.6	1.3	3.3	3.4	.4							9.1	9.7
NW	1.5	1.0	5.4	3.6	.4							12.0	9.4
NNW	.4	2.2	4.8	2.9								10.3	8.8
VARBL													
CALM												6.2	
	21.8	25.4	28.6	16.3	1.1							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

STATION: 25218 STATION NAME: FULT NELSON GC/MUSKWA DUT APT YEARS: 57-66 MONTH: JUL
 CLASS: ALL WEATHER HOURS (L.S.T.): 1500-1700
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.5	4.5	1.0								9.4	7.3
NNE	.5	1.5	2.0	.5								4.6	7.2
NE	1.2	2.4	1.9	.1								5.6	5.4
ENE	.2	1.2	1.0									2.4	6.1
E	2.5	.6	.5	.3								4.0	4.5
ESE	.5	1.6	1.6	.1								3.9	6.3
SE	2.3	3.9	1.3	.1								7.3	4.9
SSE	.8	1.9	1.2	.5								4.4	6.2
S	2.2	3.2	.9									6.2	4.4
SSW	1.7	.9	1.1	.2								3.1	6.1
SW	.4	.4	1.2	.6								2.7	8.4
WSW	.6	1.1	1.0	.3								3.7	6.5
W	.8	1.3	2.8	.8	.1		.1					5.8	8.3
WNW	.3	1.9	3.1	2.5	.3							8.2	9.3
NW	1.7	1.8	3.2	3.5	.2							11.7	9.2
NNW	.6	3.1	4.0	2.6								10.5	8.3
VARBL													
CALM												7.0	
	16.2	29.4	33.2	13.4	.6		.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/ IAC

SURFACE WINDS

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

2521^R STATION FLD T NELSON BC/ MUSKWA DDT APT 57-66 JUL MONTH
STATION NAME YEARS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	3.5	2.9	.9	.1							9.8	6.2
NNE	1.4	2.2	1.2	.2								5.5	5.1
NE	1.9	1.8	.5									4.3	4.5
ENE	.8	1.8	.6									3.2	4.8
E	2.2	1.3	.4	.1								4.0	4.3
ESE	1.9	1.9	.6	.1								4.6	4.6
SE	3.0	2.0	.8	.1								5.9	4.3
SSE	1.6	.8	.2	.2								2.8	4.7
S	3.4	1.4	.4									5.6	3.6
SSW	1.4	.9	.8									2.8	4.8
SW	1.9	1.1	.5	.3								3.9	4.8
WSW	.3	.9	.6	.1								1.9	6.0
W	1.8	1.3	1.5	.8	.1							5.5	6.6
WNW	1.4	2.7	3.5	.8								8.4	6.9
NW	2.5	4.1	4.2	1.9	.1							12.8	6.9
NNW	2.2	2.4	3.4	1.2	.1							9.7	6.9
VARBL													
CALM												9.8	
	30.8	30.0	22.4	6.7	.4							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

SURFACE WINDS

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

25218 STATION FORT NELSON BC/MUSKWA DDT APT 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	3.2	2.2	1.6	.2								7.2	5.0
NNE	.9	.4	.6	.1								2.0	3.3
NE	2.0	.6	.2									2.9	3.7
ENE	.5	.2										.5	3.0
E	1.2	.3	.2									1.7	3.8
ESE	1.0	.5	.4	.1								2.0	3.1
SE	1.4	1.6	.4									4.0	4.1
SSE	1.2	.6	.5	.1								2.5	5.0
S	4.2	1.4										5.6	3.0
SSW	1.5	1.7	.2									3.3	3.9
SW	3.1	1.6	.3	.1								5.2	3.9
WSW	1.5	1.6	.5	.1								3.8	4.4
W	4.2	3.3	2.0	.2								9.8	4.8
WNW	1.4	3.0	1.9	.8								7.6	6.2
NW	4.1	4.2	3.0	.5								11.8	5.4
NNW	1.3	2.9	3.3	.9	.1							8.5	7.1
VARBL													
CALM												21.1	
	33.9	26.3	15.5	3.1	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 25210 STATION NAME FORT NELSON BC/MUSKWA DPT APT YEARS 57-66 MONTH AUG
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.0	1.4	1.2	.5								7.1	4.8
NNE	1.0	.5	.2	.1								1.8	4.5
NE	.5	.1										.6	3.0
ENE	.5	.2										.8	3.4
E	.2	.2										.4	4.0
ESE	.1	.3	.1									.5	3.6
SE	1.4	.9	.2									2.5	4.0
SSE	.6	.5	.1									1.3	4.1
S	5.5	4.5	.9									10.9	4.0
SSW	3.9	3.3	.8	.1								8.1	4.2
SW	3.7	2.0	.1									5.8	3.4
WSW	1.7	1.1	.1									2.8	3.6
W	3.3	2.4	1.9									7.6	4.7
WNW	.5	.6	1.4	.5								3.1	3.9
NW	3.3	2.2	2.6	.5								8.6	3.5
NNW	2.6	1.9	3.7	.8								8.9	6.4
VARBL													
CALM												29.0	
	32.4	22.3	13.2	2.6								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 LTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

25210 STATION FORT NELSON BC/MUSKWA DUT APT 57-66 YEARS MONTH AUG
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	1.7	.6	.3								5.5	4.6
NNE	.5	.4	.2									1.2	4.6
NE	.6	.4	.1									1.2	3.9
ENE	.6											.6	2.0
E	.5											.6	2.5
ESE	.6	.4	.2									.9	3.1
SE	.9	.6										1.5	3.3
SSE	1.3	.2										1.5	2.9
S	7.3	6.7	1.9	.1								16.0	4.3
SSW	4.8	3.8	1.0									9.6	4.0
SW	3.3	2.6	1.2									7.1	4.2
WSW	1.3	.5	.1	.1								2.0	4.0
W	2.0	1.5	1.3	.3								6.1	4.8
WNW	1.0	.9	.9	.2								2.9	3.9
NW	1.8	1.9	2.6	.6								7.0	6.4
NNW	2.4	1.9	2.4	.6								7.3	6.2
VARBL													
CALM												28.7	
	32.8	23.7	12.5	2.4								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
STAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2221 STATION FORT NELSON BC/MUSKWA DET APT 57-66 YEARS AUG MONTH

ALL WEATHER CLASS

0000-0800 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	1.8	1.4	.2								6.1	4.9
NNE	1.5	.4	.1									2.0	3.3
NE	.6	.5										1.1	3.6
ENE	.5	.2										.4	3.6
E	1.1	.1										1.2	2.6
ESE	.4	.2	.2									.9	4.8
SE	2.2	.5	.1									2.8	3.1
SSE	2.7	.9	.3									3.9	3.5
S	11.3	9.4	1.6									22.3	3.9
SSW	3.9	5.7	1.5									11.1	4.5
SW	3.1	2.4	1.0									6.5	4.3
WSW	.5	.2	.3	.2								1.5	6.1
W	1.7	.6	.5	.1								2.3	5.3
WNW	1.1	1.0	1.0	.4	.1							3.5	6.9
NW	1.4	2.5	2.2	1.0								7.0	6.7
NNW	1.4	2.0	3.7	1.2								8.1	7.5
VARBL													
CALM												19.1	
	35.3	28.5	13.9	3.1	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 25217 STATION NAME FORT NELSON BC/MUSKWA DJT APT YEARS 57-66 MONTH AUG
 CLASS ALL WEATHER HOURS (LST) 0900-1100
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.4	2.2	.6								7.0	6.2
NNE	.5	1.0	1.2	.1								2.8	6.2
NE	.4	1.4	.1									2.4	4.3
ENE	1.0	.5	.3									1.9	4.1
E	1.3	.2										1.5	2.8
ESE	1.3	.6	.5	.2								2.9	5.0
SE	5.5	2.5	.3									8.1	3.6
SSE	2.4	2.4	.6									5.4	4.1
S	6.1	4.1	2.3									13.4	4.3
SSW	2.5	3.1	1.1									6.5	4.7
SW	.6	1.2	1.2	.1								3.1	4.0
WSW	.7	.3	.8	.3								1.6	7.9
W	1.4	.8	1.7	.9								4.7	6.7
WNW	.5	.7	2.8	2.6								6.8	9.6
NW	1.4	2.2	4.1	2.5								10.1	8.4
NNW	.6	1.3	4.0	2.7	.2							9.0	9.3
VARBL													
CALM												12.7	
	28.1	25.4	23.1	10.0	.2							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

2

ATA PROFESSIONAL DIVISION
 FTAC/USAF
 AIR EATER SERVICE/AC

SURFACE WINDS

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

STATION 2221 STATION NAME POINT JELSON RD/MUSKOGEE AFB YEARS 57-60 MONTH ALL
 CLASS ALL WEATHER MONTH 1200-1400
 HOUR (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	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	2.9	2.5	.0								7.4	6.5
NNE	.4	1.6	.9	1.0								3.9	7.3
NE	2.2	1.7	.4									4.3	4.2
ENE	.4	.5	.4									1.7	4.5
E	1.4	.9	.4									2.6	4.1
ESE	1.4	1.2	1.1	.2								3.9	5.6
SE	3.3	3.4	3.2	.6								10.5	3.6
SSE	3.3	2.6	.9	.2								7.7	4.6
S	3.1	3.0	1.4									7.5	4.6
SSW	.0	1.1	1.2									3.0	5.8
SW	.0	1.2	1.1	.2								3.5	5.9
WSW	.0	.0	.6	.4								2.6	7.7
W	1.1	.6	2.0	1.3								5.1	8.0
WNW	.0	1.2	2.3	2.6	.1							6.7	9.7
NW	1.0	1.7	4.9	3.0	.1							11.4	4.5
NNW	1.0	1.5	6.1	2.5	.2							11.4	9.0
VARBL												7.7	
CALM													
	23.7	25.6	29.5	13.1	.4							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

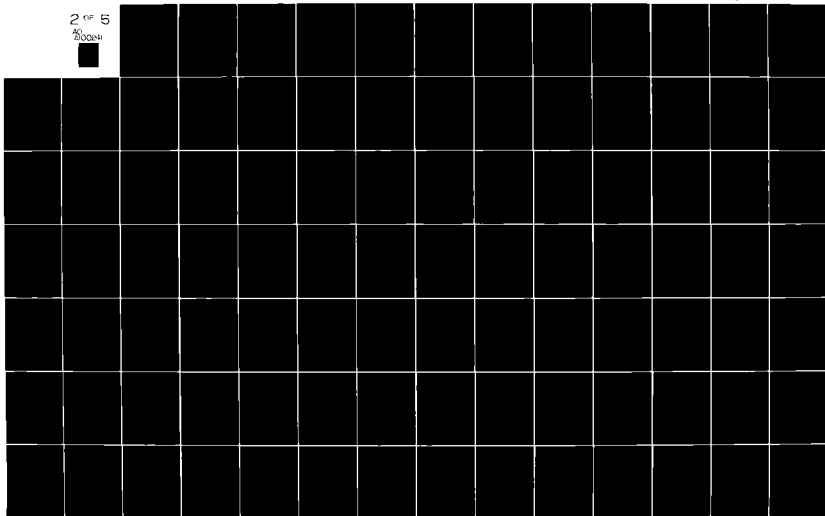
AD-A100 241 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FT NELSON, MUSKWA APT, BRITISH COLUMBIA, CANADA. REVISED UNIFORM--ETC
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DECLASSIFIED USAFETAC/US-81/036

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2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/ASAC

SURFACE WINDS

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

25213
STATION

FLEET NELSON FC/MUSKWA DJT APT
STATION NAME

57-66
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1900-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	2.9	2.3	1.3								8.2	6.4
NNE	1.4	1.4	2.5	.5								5.8	6.7
NE	2.7	2.8	1.2	.1								6.8	4.8
ENE	1.0	1.5	.3									3.4	4.1
E	2.0	1.2	1.1									4.9	4.4
ESE	1.4	1.2	1.2	.5								4.3	5.9
SE	3.5	3.7	2.3	.3								9.2	5.2
SSE	2.4	1.7	.5	.1								5.3	4.4
S	3.4	2.0	1.1									6.6	4.0
SSW	1.0	.9	.3									2.2	4.4
SW	1.2	.2	.5	.1								2.4	5.0
WSW	.4	.5	.5	.1		.1						1.7	7.4
W	.8	1.0	1.6	.4	.1	.1						3.9	7.4
WNW	.0	1.3	1.6	1.9	.1	.1						5.6	8.9
NW	1.0	2.8	4.4	2.2	.2	.1						10.6	8.4
NNW	.4	2.0	4.7	3.0	.2							11.0	9.0
VARBL													
CALM												7.7	
	20.7	28.0	26.1	10.6	.0	.2						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

25212 STATION FORT NELSON BC/MUSKWA OUT APT 57-66 YEARS AUG MONTH
 CLASS ALL WEATHER 1800-2000 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.4	3.0	1.8	.8								10.0	5.1
NNE	1.8	1.4	.1	.3								3.7	4.3
NE	3.4	1.8	.4	.3								5.0	4.2
ENE	1.0	.3	.4									1.7	4.4
E	2.3	1.3	.5									4.1	4.0
ESE	1.6	1.0	.4	.3								3.5	4.7
SE	5.7	2.6	1.0									9.2	3.8
SSE	1.5	.8	.1									2.6	3.6
S	2.4	1.4	.1									4.4	3.4
SSW	1.0	.2	.2									1.4	3.8
SW	2.4	.8	.1									3.2	3.4
WSW	.3	.5	.3									1.2	5.0
W	3.0	2.3	.9	.2								6.3	4.3
WNW	.9	1.4	1.8	.4								4.5	6.9
NW	3.5	2.8	3.7	1.4								11.4	6.2
NNW	1.4	3.1	3.2	1.0								9.2	6.7
VARBL													
CALM												17.6	
	37.6	24.6	15.2	4.7								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

2521st STATION NAME FORT NELSON BC/MUSKWA DUT APT YEARS 57-66 MONTH AUG

CLASS ALL WEATHER

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	2.9	1.5	.4								8.7	4.6
NNE	.2	.9	.4	.3								1.8	6.9
NE	1.4	.2	.2									1.8	3.2
ENE	.2	.2										.4	4.3
E	1.4	.3	.1									1.8	3.1
ESE	.4	.5	.1									1.1	4.5
SE	3.2	1.3	.8	.1								5.4	4.0
SSE	1.2	.9	.1									2.2	3.7
S	4.4	2.2	.3									7.4	3.6
SSW	1.8	1.4	.1									3.3	3.7
SW	4.2	1.4										5.6	3.2
WSW	2.0	.5	.4									3.0	3.8
W	3.4	2.3	1.2	.1								7.4	4.4
WNW	1.1	1.4	2.4	.2								5.1	6.7
NW	5.5	2.3	2.3	.8								10.8	5.0
NNW	2.5	2.0	2.4	1.3								8.2	6.5
VARBL													
CALM												26.0	
	37.4	20.6	12.3	3.2								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 25215 STATION NAME FORT NELSON BC/MUSKWA OUT APT YEARS 57-66 MONTH SFP
 CLASS ALL WEATHER HOURS (L S T) 0000-0200
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.2	.9	.2								5.6	4.9
NNE	1.0	.1	.2	.1								1.4	4.5
NE	1.6	.2										1.8	2.9
ENE	.1	.6	.3									1.7	3.8
E	.8	.1	.2									1.1	3.8
ESE	.6	.8	.3									1.7	4.7
SE	1.1	1.3	.8									3.2	4.7
SSE	1.1	.8	.3									2.2	4.4
S	6.9	7.2	.4									14.6	4.0
SSW	4.4	5.2	1.6	.1								11.8	4.4
SW	4.4	3.0	.8									8.2	3.9
WSW	1.8	.8	.2	.3								3.1	4.6
W	2.4	.9	.8									4.6	4.2
WNW	.8	.9	1.1	1.2								4.0	7.9
NW	1.4	1.2	1.4	.6								5.1	6.0
NNW	.8	3.3	2.2	.9								7.2	7.0
VARBL													
CALM												23.4	
	32.8	28.7	11.7	3.9								100.	3.7

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

25218 STATION FORT NELSON BC/MUSKWA OUT APT 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	2.2	1.4	1.0	.2	.1							5.0	5.1
NNE	1.0	.1	.3									1.4	4.0
NE	1.3	.2	.1									1.7	3.3
ENE	.2	.1										.3	3.3
E	.9	.6										1.4	3.3
ESE	.8	.7	.1									1.6	4.0
SE	1.4	1.3	.2									3.0	4.1
SSE	1.3	.7										2.0	3.3
S	10.7	7.6	1.9									20.1	4.0
SSW	4.9	4.0	1.4									10.3	4.2
SW	4.8	1.4	.8									7.0	3.8
WSW	1.1	.6	.4									2.1	4.5
W	1.8	1.0	.9	.4								4.1	5.6
WNW	1.2	.4	1.1	.6	.1							3.4	7.0
NW	1.2	.3	2.1	.3								4.0	6.6
NNW	2.0	1.9	3.3	.9								8.1	6.7
VARBL													
CALM												24.3	
	36.4	22.3	13.8	2.4	.2							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 25210 STATION NAME FIGHT NELSON BC/MUSKWA DUT APT YEARS 57-66 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	1.6	1.0	.2								6.2	4.5
NNE	.9	.2	.1									1.3	3.5
NE	1.0	.2										1.2	2.9
ENE		.1										.1	4.0
E	1.6	.1										1.7	2.9
ESE	1.1	.3	.1									1.6	3.6
SE	1.0	1.1	.9									3.6	4.4
SSE	3.0	.9	.1									4.0	3.3
S	12.2	8.2	1.6	.1								22.1	3.9
SSW	3.9	4.8	2.0									12.7	4.4
SW	3.2	1.9	.2	.1								5.4	3.9
WSW	1.2	.1	.3	.1								1.8	4.6
W	1.6	.7	.4	.6								3.2	5.6
WNW	.7	.4	.6	.6	.3							2.6	8.7
NW	1.1	1.8	2.6	.3								5.8	6.4
NNW	2.1	2.1	2.6	.3								7.1	6.0
VARBL													
CALM												19.7	
	40.6	24.7	12.4	2.3	.3							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 ITAC/USAF
 AIR WEATHER SERVICE/16C

SURFACE WINDS

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

STATION 25218 STATION NAME FORT NELSON BC/MUSKWA DJT APT YEARS 57-66 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.0	1.4	.3	.1							5.1	5.8
NNE	.3	.2	.2	.2								1.0	6.7
NE	1.4	.4	.1									2.0	3.4
ENE	.0	.1										.7	3.0
E	1.3	.3	.3									2.0	3.9
ESE	1.1	.8	.4	.1								2.4	4.7
SE	3.1	1.4	.4									7.4	3.5
SSE	3.3	2.7	.3	.1								6.4	4.1
S	4.0	7.8	1.7	.1								19.3	4.1
SSW	2.0	4.8	.9	.1								7.8	4.7
SW	2.7	1.2	1.2									5.1	4.7
WSW	.1	.1	.2	.2								.7	7.8
W	.1	.4	.8	.8	.1							2.2	9.6
WNW	.3	.3	1.1	2.6	.7	.4						5.9	12.2
NW	1.1	1.0	2.8	1.8	.4	.2						7.3	9.4
NNW	.0	1.9	4.1	1.4	.1	.1						8.4	8.4
VARBL													
CALM												16.1	
	31.0	20.0	16.1	7.8	1.4	.8						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 25216 STATION NAME FORT NELSON BC/MUSKWA DJT APT YEARS 57-66 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.1	2.2	.7	.1							6.6	6.7
NNE	1.1	1.4	1.7		.1							4.3	5.9
NE	2.3	1.2	.6									4.1	4.1
ENE	.5	.4	.7									1.9	5.2
E	1.7	.4	.7	.1								2.9	4.7
ESE	1.0	1.1	.4									3.1	4.4
SE	4.5	2.1	1.2									8.1	4.0
SSE	3.4	2.7	.4	.4								7.0	4.3
S	4.3	3.0	1.6	.2								9.1	4.5
SSW	.9	2.1	.6									3.6	4.7
SW	.7	.6	1.1	.1								2.7	5.9
WSW	.3	.6	1.1	.2								2.2	7.4
W	.4	.9	1.3	1.0	.2							3.9	9.3
WNW	.6	1.6	1.7	2.1	.6	.2						6.6	10.4
NW	1.7	2.9	3.4	3.6	.7	.2						12.4	9.3
NNW	1.7	2.8	3.6	1.9		.1						9.3	8.0
VARBL													
CALM												12.2	
	26.4	26.1	22.2	10.3	1.7	.6						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

25217 STATION FORT NELSON RC/MUSKWA DUT APT 57-66 SEP
STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	3.0	3.0	.7	.1							3.9	6.2
NNE	1.9	2.2	1.4	.6	.1							6.4	6.1
NE	2.0	1.4	1.1									4.6	4.6
ENE	1.3	.4	.1									1.9	3.3
E	1.9	1.6	1.2									4.7	4.8
ESE	2.0	1.8	.6									4.3	4.3
SE	3.4	2.3	1.0									6.8	4.3
SSE	2.3	1.9	.6									4.8	4.3
S	4.3	2.4	.1									7.3	3.4
SSW	1.2	.4	.4									2.1	4.2
SW	2.0	1.0	1.0									4.1	4.6
WSW		.4	.4									.9	6.8
W	.7	1.6	.9	1.0	.1	.1						4.3	8.1
WNW	.6	1.0	1.6	1.3	.4							5.1	9.0
NW	1.2	2.4	3.6	2.6	.3	.1						10.2	8.6
NNW	2.2	3.0	5.1	2.1								12.4	7.4
VARBL													
CALM												11.2	
	29.9	27.0	22.1	8.4	1.1	.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/1AC

SURFACE WINDS

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

STATION 25210 NAME PORT WELSH BC/MUSKWA DUT APT YEARS 57-66 MONTH SEP
 CLASS ALL WEATHER HOURS (LST) 1600-2000
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	2.3	1.1	.4								8.5	4.8
NNE	2.1		.8									2.9	3.8
NE	1.0	.2	.3									2.1	3.6
ENE	.8	.4										1.2	3.5
E	2.3	1.2	.2									3.8	3.7
ESE	1.3	1.2	.9									3.4	5.0
SE	2.0	1.7	.6									4.2	4.2
SSE	1.6	.8	.1									2.1	3.6
S	3.6	1.0	.2									5.3	3.4
SSW	1.3	1.0	.2									2.6	4.3
SW	3.0	1.7	1.0									5.7	4.2
WSW	1.7	.9	.1	.1								2.8	3.9
W	3.8	4.3	.3		.1							6.6	3.9
WNW	1.4	1.8	1.1	.9	.1							5.3	6.8
NW	3.3	3.3	1.7	1.1	.1							11.6	5.2
NNW	2.0	2.9	3.4	.9								9.8	6.5
VARBL													
CALM												22.1	
	38.3	23.3	12.1	3.8	.3							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/AC

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

SURFACE WINDS

25213 STATION FORT WILSON BC/HUSKWA DJT APT 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	3.6	2.4	.6	.3								7.1	4.2
NNE	.4	.7										1.1	4.0
NE	1.0	.4	.1	.1								1.7	4.2
ENE	.2	.3	.2									.4	5.0
E	.6	.3	.1									1.0	3.6
ESE	.3	1.2	.7	.3								2.6	6.4
SE	1.4	1.1	1.0									3.6	4.8
SSE	.9	.9	.3									2.1	4.6
S	4.0	4.6	.1									8.7	3.8
SSW	3.0	2.8	1.2									7.8	4.3
SW	2.1	1.8	.9									7.8	3.6
WSW	1.7	1.3	.3									3.3	4.4
W	3.2	1.0	1.4	.2								5.9	4.7
WNW	1.0	1.1	1.1	.6	.2							4.6	6.5
NW	3.0	2.3	.9	1.0	.3							7.6	6.0
NNW	1.8	2.4	3.0	.7								7.9	6.5
VARBL													
CALM												26.4	
	33.7	24.8	12.0	3.2	.6							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 DTAG/USAF
 AIR WEATHER SERVICE/PAO

SURFACE WINDS

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

2521 STATION 57-66 MONTH 57-66 YEAR 57-66 MONTH 0000-0200 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 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	3.4	1.0	.0								2.7	4.7
NNE	.0	.9	.2									1.7	4.4
NE	2.2	.6	.2	.1								3.1	3.8
ENE	.3	.1	.3	.1								.3	5.1
E	.5	.6	.2									1.4	4.5
ESE	.3	.1										.5	3.6
SE	1.2	1.2	.4	.2								3.0	5.1
SSE	.0	.9	.3									1.6	4.5
S	7.7	7.1	2.5									17.3	4.4
SSW	3.7	4.5	1.6									9.8	4.6
SW	3.9	1.7	1.6	.2								7.4	4.5
WSW	.7	.6	.1									1.5	3.9
W	1.0	1.0	.4	.1								3.1	4.3
WNW	.0	.3	.5	.3								2.0	6.0
NW	2.7	1.1	1.0	.9								5.6	5.6
NNW	2.2	3.0	1.8	1.0								8.0	6.1
VARBL													
CALM												23.4	
	33.5	27.2	12.3	3.3								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

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

STATION 20211 FORT BELSIRE PC/MUSKOGA DST APT STATION NAME 57-00 YEARS MONTH CT
 CLASS ALL WEATHER HOURS (L & T) 0300-0500
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	3.0	1.0	.3								8.7	4.4
NNE	1.3	1.5	.8									3.5	4.9
NE	1.7	.6										2.4	3.3
ENE		.1										.1	6.0
E	.4	.3										.7	3.0
ESE	.5	.4	.2									1.2	4.4
SE	1.0	1.0	.3	.2								3.1	4.5
SSE	1.1	.9	.1									2.0	3.8
S	5.9	7.1	3.0									16.0	4.7
SSW	3.1	4.6	2.4	.1								10.1	5.0
SW	4.5	2.0	1.3									8.6	4.3
WSW	.4	1.0	.1									1.5	4.4
W	2.1	.4	.4									2.9	3.7
WNW	.4	.6	.6	.3								2.0	6.5
NW	2.9	1.8	1.2	.3								6.2	5.1
NNW	1.7	1.9	1.5	.6	.1							5.9	6.5
VARBL													
CALM												24.6	
	32.1	27.7	12.9	1.9	.1							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/PAC

SURFACE WINDS

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

STATION: 25211 STATION NAME: FORT NELSON BC/MUSKWA DUT APT YEARS: 57-66 MONTH: OCT
 CLASS: ALL WEATHER MONTH: 0600-0800
 HOURS (L.S.T.):
 CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	2.6	2.0	.3								8.6	5.0
NNE	1.4	1.0	.6	.2								3.8	4.9
NE	1.7	.7	.1									2.4	3.2
ENE	.4	.1										.7	3.0
E	.9	.1										1.0	2.8
ESE	.6	.2	.2	.3								1.4	6.3
SE	1.1	1.0	.3									2.3	4.1
SSE	1.3	.6	.1									2.0	3.7
S	9.1	7.1	3.5									19.8	4.4
SSW	3.7	5.3	2.2									10.4	4.8
SW	3.7	1.4	.9									6.5	4.0
WSW	1.2	.5		.1								1.8	3.8
W	2.3	.6	.3									3.2	3.5
WNW	.6	.5	.4	.3	.1							2.0	7.3
NW	2.3	1.5	1.1	1.0	.1							5.9	6.0
NNW	2.2	.6	1.4	.5								4.7	6.0
VARBL													
CALM												23.9	
	35.6	24.3	13.2	2.8	.2							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 25215 FORT NELSON BC/MUSKWA DUT APT STATION NAME: 57-66 YEARS: _____ MONTH: 1CT
 CLASS: ALL WEATHER HOURS (L S Y): 0900-1100
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	3.7	2.2	.5	.1							9.6	5.6
NNE	1.1	.3	.3	.1								1.8	4.6
NE	2.0	.2										2.3	2.9
ENE	.2	.1	.1									.4	4.5
E	1.5	.3	.1									1.9	3.1
ESE	1.1	.2	.1									1.4	3.2
SE	3.4	1.7	.4	.3								5.9	4.2
SSE	2.0	1.2	1.1									5.1	4.5
S	8.8	6.1	3.5									18.5	4.4
SSW	3.3	4.2	1.7	.3								7.6	5.0
SW	2.2	1.7	.9									4.7	4.5
WSW	.4		.3	.2	.1							1.1	8.0
W	1.1	.2	.2	.1	.1							1.7	5.3
WNW	1.3	.1	.5	.6		.1						2.7	7.5
NW	1.7	1.7	1.2	1.4	.3							6.3	7.4
NNW	1.0	1.3	1.2	1.6								5.1	7.9
VARBL													
CALM												21.9	
	35.1	23.1	13.9	3.3	.6	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 (TAC/USA)
 AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION: 25211 STATION NAME: POINT NELSON BC/MUSKWA OUT ART YEARS: 57-66 MONTH: OCT
STATION STATION NAME YEARS MONTH

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

CONDITION: _____
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	3.2	1.7	.8								7.7	5.8
NNE	1.6	1.4	.3	.1								3.4	4.5
NE	2.8	1.9	.1									4.8	3.6
ENE	.3	.8										1.1	4.4
E	2.5	.9	.1									3.4	3.4
ESE	1.4	1.2	.4									3.0	4.5
SE	4.1	1.4	.6	.3	.1							6.6	4.5
SSE	2.0	1.0	.8	.1								3.9	4.5
S	6.6	4.3	1.0		.1							11.9	3.9
SSW	1.6	2.4	1.8									5.8	3.4
SW	1.7	1.1	1.5									4.3	3.1
WSW	.1	.5	1.5	.9	.1							3.1	4.5
W	.4	.3	.4	1.0	.3		.1					3.0	4.5
WNW		.6	.5	.9	.5	.1						2.7	12.0
NW	1.7	1.9	1.1	1.2	.3	.1						5.6	8.1
NNW	1.7	2.2	3.4	1.5	.3							8.6	8.2
VARBL													
CALM												21.0	
	29.8	25.1	15.4	6.7	1.8	.2	.1					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 DTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 25215 STATION NAME FORT NELSON BC/MUSKWA DUT APT YEARS 57-66 MONTH JCT
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	4.3	2.5	.5								11.4	5.2
NNE	2.7	1.0	.4	.1								4.2	4.0
NE	2.4	2.4	.2	.3								5.8	4.2
ENE	1.2	.5										1.7	3.4
E	3.4	1.3	.2	.1	.1							5.4	3.9
ESE	1.9	.9	1.2									4.0	5.0
SE	2.0	1.2	1.1									4.8	4.4
SSE	1.3	.6	.5	.1								2.6	4.6
S	4.8	2.5	.5	.2								8.1	3.9
SSW	1.4	1.8	.2	.1								3.5	4.5
SW	2.0	1.2	.2	.1								4.1	3.7
WSW	.4	.3	.5	.4								1.7	7.3
W	.3	.9	1.3	.8								3.2	8.1
WNW	.8	.6	1.0	.8	.4	.2	.1					3.9	10.1
NW	2.0	1.9	1.8	1.7	.3							7.8	7.5
NNW	1.5	1.7	2.3	1.1	.2							6.8	7.3
VARBL													
CALM												21.0	
	34.0	23.3	14.0	6.3	1.1	.2	.1					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 25218 STATION NAME FRONT NELSON HQ/MUSKWA DUT APT YEARS 57-66 MONTH CT
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.9	3.0	1.3	.2								10.2	4.3
NNE	1.6	1.0	.4	.2								3.4	4.8
NE	1.7	.3	.2									2.3	3.5
ENE	1.3	.4	.2	.1								2.0	4.2
E	1.0	.8	.2									1.9	3.9
ESE	.2	.3	.8									1.3	6.2
SE	1.6	1.4	.5	.2								3.8	4.6
SSE	.8	.6	.4	.1								1.9	5.4
S	3.3	2.7	.6	.1								6.4	4.1
SSW	2.0	2.5	.4	.2								5.2	4.6
SW	3.0	1.7	1.4	.1								6.2	4.8
WSW	1.3	1.1	1.0	.1								3.4	5.1
W	3.4	1.3	1.2	.4								6.3	4.8
WNW	1.4	1.2	1.3	1.3	.2							5.4	7.6
NW	3.7	2.4	1.4	.2								7.6	4.7
NNW	2.5	3.2	2.5	1.3	.2							9.5	6.7
VARBL													
CALM												22.7	
	33.8	24.6	13.9	4.6	.4							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

25210 STATION FORT NELSON BC/MUSKWA DUT APT STATION NAME 57-66 YEARS OCT MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	3.3	1.4	.3								8.6	4.8
NNE	1.9	1.2	.6									3.8	4.3
NE	1.6	.6	.6									2.9	4.4
ENE	.1	.1	.3									.5	6.6
E	1.0	.4	.3									1.7	4.2
ESE	.6	.4	.2									1.3	4.3
SE	2.4	.8	.4	.1								3.7	4.1
SSE	.4	.6	.5									2.2	4.9
S	4.9	4.3	1.4									10.6	4.2
SSW	2.4	3.7	1.1									7.6	4.6
SW	4.1	3.3	1.2									8.6	4.4
WSW	1.0	1.0	.4									3.2	4.1
W	3.0	.6	.8									4.4	3.8
WNW	1.3	.5	1.2	.6								3.7	6.7
NW	2.2	1.3	1.3	.1								4.8	5.2
NNW	2.6	2.8	2.6	.5	.2							8.7	6.2
VARBL													
CALM												23.8	
	34.8	23.1	14.4	1.7	.2							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2521A STATION FORT NELSON BC/MUSKWA DUT APT 57-66 NOV MONTH
STATION NAME YEARS 0000-0200 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	3.2	2.8	.3								9.2	3.4
NNE	2.0	.8	.1									2.9	3.6
NE	.6	.4	.1									1.1	3.8
ENE	.1											.1	3.0
E	.6	.1										.7	3.0
ESE	.4	.4										.7	3.4
SE	1.2	.4	.1									1.9	3.3
SSE	.7		.1									.8	3.4
S	7.7	4.2	1.0									12.9	3.6
SSW	4.2	3.7	1.2									9.1	4.2
SW	4.9	.9	.8									6.6	3.6
WSW	1.1	.3										1.4	3.2
W	1.3	.3	.6	.2								2.4	3.3
WNW	.7	.6	.4	.2	.1							2.0	6.9
NW	2.7	1.7	.9	.6	.2							6.0	5.4
NNW	3.7	3.2	3.3	.7	.1	.2						11.2	6.1
VARBL													
CALM												30.8	
	34.8	20.3	11.4	2.0	.4	.2						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 25218 FORT NELSON BC/MUSKWA DUT APT YEARS: 57-66 MONTH: NOV
 CLASS: ALL WEATHER HOURS (L.S.T.): 0300-0500
 CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	2.7	1.6	.1								7.7	4.6
NNE	1.4	.9	.2									2.6	3.7
NE	1.6	.4										2.0	3.1
ENE	.2	.2										.4	3.5
E	.9	.2										1.1	2.8
ESE	.3	.6										.9	4.0
SE	1.4	.8										2.2	3.1
SSE	.7	.1										.8	2.9
S	8.4	4.2	1.4									14.1	3.7
SSW	4.4	3.7	1.3									9.4	4.3
SW	4.3	1.7	.4									6.4	3.4
WSW	.7	.3		.1								1.1	3.7
W	.4	.3	.3	.1								1.7	4.7
WNW	.4	.7	.7	.2								2.0	6.5
NW	2.0	1.4	2.3	.2	.2	.1						6.3	6.5
NNW	1.4	3.8	3.7	.9	.2							10.4	7.0
VARBL													
CALM												30.8	
	33.6	22.0	12.0	1.7	.4	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

25218
STATION

FORT NELSON BC/MUSKWA DUT APT
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	4.0	2.9	.9									7.8	4.1
NNE	2.2	.8	.3	.2								3.6	4.3
NE	1.1	.9										2.0	3.5
ENE	.0											.6	2.2
E	.0	.1										.7	2.8
ESE	.0	.1	.1									.3	4.1
SE	1.3	.7										2.0	3.3
SSE	1.2	.7	.2									2.1	3.7
S	8.6	5.2	1.4									15.2	3.9
SSW	4.8	2.8	1.4									9.0	4.2
SW	3.0	1.3	.1									5.3	3.2
WSW	1.3	.4		.3								2.1	4.4
W	1.4	.9	.2									2.6	3.9
WNW	.6	.1										.7	2.7
NW	2.7	2.0	1.4	.3								6.4	5.1
NNW	2.0	3.1	3.9	1.2								10.2	6.8
VARBL													
CALM												29.0	
	30.1	22.0	10.1	2.1								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
STAC/USAF
AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

25210 STATION FORT NELSON BC/MUSKWA DIRT APT STATION NAME 57-66 YEARS 0900-1100 MONTH
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.7	1.3	.1								7.8	4.8
NNE	1.6	.8	.3									2.7	4.0
NE	1.9	.6	.1									2.6	3.3
ENE	.1	.1										.2	3.5
E	.8	.1										.9	3.3
ESE	.4	.2										.7	3.5
SE	1.6	.4										2.0	3.1
SSE	.9	.6	.2									1.7	3.8
S	10.3	4.8	1.4									16.6	3.7
SSW	4.4	2.7	.7									7.8	3.9
SW	3.9	1.3	.3	.1								5.7	3.5
WSW	.9	.2	.7									1.8	3.4
W	1.1		.1		.1							1.3	4.1
WNW	.3	.1	.3									.8	3.6
NW	2.0	1.3	1.3	.3								5.0	3.8
NNW	1.6	2.3	3.3	1.6								8.8	7.4
VARBL													
CALM												33.9	
	34.4	19.2	10.2	2.1	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 25218 STATION NAME FUNT NELSON RC/MUSKWA DUT APT YEARS 57-60 MONTH NOV
 CLASS ALL WEATHER HOURS (L S T.) 1200-1400
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.4	3.2	.8		.1						9.9	6.2
NNE	1.2	.9	1.1									3.2	4.9
NE	2.3	.8	.1									3.2	3.2
ENE	1.2											1.2	2.4
E	1.7	.6										1.6	3.3
ESE	1.3	.3										1.7	2.8
SE	2.6	.6	.1									3.2	3.1
SSE	3.1	.8	.1									4.0	3.0
S	3.4	4.4	1.1									14.0	3.7
SSW	2.3	1.9	.6									4.8	4.1
SW	1.6	.6	.1									2.2	3.4
WSW	.6		.1									.9	3.1
W	.2		.1	.6	.1							1.0	11.4
WNW	.4	.3	.3	.2								1.3	6.4
NW	.9	1.8	1.3	.6	.1	.1						4.8	7.1
NNW	1.1	2.2	2.9	1.6								7.8	7.5
VARBL													
CALM												35.7	
	30.9	18.6	11.2	3.7	.2	.2						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
 ETAL/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 25210 FRONT WELLS LN RC/MUSKWA BDT APT STATION NAME 57-66 YEARS MONTH 1 IV
 CLASS ALL WEATHER MONTH 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	2.4	2.4	2.4	.2								10.6	5.0
NNE	2.1	1.7	.3	.1								4.2	4.2
NE	1.2	.9	.1									2.1	3.4
ENE	.0	.1										.2	2.9
E	1.0		.1									1.9	2.5
ESE	.4	.3	.1									.9	3.8
SE	1.3	.6										1.9	3.2
SSE	1.0	.6	.3									2.7	3.5
S	6.7	2.5	.4									9.7	3.3
SSW	2.4	1.3	.3									5.1	3.6
SW	3.4	1.2	.2									4.8	3.3
WSW	2.0	.1		.2								2.3	3.9
W	1.4	.2	.2	.3	.1							2.3	5.6
WNW	.1	.3	.3	.1								1.6	6.6
NW	2.9	2.0	1.6	.2	.1	.1						6.9	5.4
NNW	2.6	3.7	3.6	.4								10.2	5.9
VARBL													
CALM												32.3	
	37.2	17.9	10.6	1.7	.2	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 DTIC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 2521 FT T WELSH FC/MUSKOGA OUT APT STATION NAME: 57-66 YEARS: NOV MONTH: 1000-2000 HOURS U.S.T.
 CLASS: ALL WEATHER
 CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.4	2.9	1.9	.4								11.0	4.5
NNE	1.9	.9		.2								3.0	4.0
NE	1.0	.4										1.4	3.6
ENE	.1	.2										.3	3.7
E	.4	.1										.5	2.8
ESE	1.4	.1										1.5	2.7
SE	1.1	.4	.2									1.8	3.7
SSE	1.7	.7										2.3	3.2
S	6.2	2.8	.7	.1								9.8	3.7
SSW	3.1	1.7	.8									5.6	4.2
SW	4.3	1.1	.2									5.7	3.2
WSW	1.0	.3	.4									1.8	3.9
W	1.7	.2										1.9	2.8
WNW	1.1	.4	.4	.2								2.7	5.2
NW	3.4	2.7	1.1	.2								7.4	4.6
NNW	2.4	3.6	2.6	1.0								10.3	6.6
VARBL													
CALM												37.3	
	36.4	19.2	8.3	2.8								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/NAO

SURFACE WINDS

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

STATION: 25211 STATION NAME: FLEET WELLSINGTON ROYAL NAVY AIRCRAFT CARRIER YEARS: 57-66 MONTH: NOV

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

CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.4	3.0	1.7	.7	.1							2.7	4.8
NNE	.7	1.3	.4	.1								2.5	5.0
NE	1.9											1.9	2.6
ENE	.0	.3										.9	3.4
E	1.2		.1									1.3	2.8
ESE	.3	.2										.6	2.8
SE	1.7	.6	.2									2.4	3.3
SSE	1.7	.2										1.9	2.6
S	6.3	3.2	.8									10.3	3.7
SSW	4.3	2.4	1.9									8.7	4.4
SW	5.4	1.3	.3									7.7	3.3
WSW	1.4	.1	.6	.2								2.3	3.0
W	1.7	.7		.1								2.4	3.7
WNW	.3	.4	.1	.1								1.0	3.2
NW	3.0	1.6	1.7	.1								6.3	4.8
NNW	3.1	4.0	3.0	.9								10.9	3.9
VARBL													
CALM												29.0	
	38.1	19.9	10.8	2.2	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

2521 STATION: FORT WELLS/EC/MUSKWA DUT APT YEAR: 57-66 SEC: 0000-0700
STATION NAME MONTH HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	1.9	1.0	.5								6.5	5.0
NNE	1.6	.6	.1	.1								2.5	3.7
NE	2.7	.9										3.2	3.2
ENE	.1	.1										.2	3.5
E	1.0	.1										1.1	2.8
ESE	.3	.1										.4	3.0
SE	2.4	.4	.1									2.9	3.0
SSE	1.1	.1	.2									1.4	3.2
S	5.9	3.1	1.0									10.0	3.7
SSW	4.1	1.6	.4									6.1	3.7
SW	4.6	1.7	.9									7.2	3.8
WSW	1.6	.3										1.9	3.1
W	1.3	.1										1.4	2.7
WNW	.8	.3	.1									1.2	3.5
NW	1.6	1.8	1.9			.1						5.5	5.9
NNW	2.4	1.5	3.5	1.4	.1							9.2	7.1
VARBL													
CALM												39.9	
	33.8	14.8	9.2	2.0	.1	.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 25210 STATION NAME FORT NELSON BC/MUSKWA DJT APT YEARS 57-60 MONTH DEC
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 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	.6	1.6	.9								7.1	3.4
NNE	1.6	.3		.2								2.2	4.2
NE	2.2	.6	.1									2.9	3.3
ENE	1.0	.1										1.1	3.0
E	.5						.1					.6	7.2
ESE	.9			.1								1.0	3.9
SE	1.7	.5	.2									2.5	3.6
SSE	1.4	.3										1.7	2.9
S	7.1	2.8	.6	.2								10.8	3.6
SSW	4.1	3.0	.8	.1								8.0	4.0
SW	4.7	2.6	.5	.1								8.0	3.8
WSW	1.3	.2	.1	.1								1.7	3.6
W	1.4	.3										1.7	2.8
WNW	.9	.9	.4									1.9	4.6
NW	1.8	1.4	1.2									4.4	3.0
NNW	.5	1.1	2.7	1.6		.1						6.0	8.8
VARBL													
CALM												38.5	
	35.1	14.6	8.3	3.3		.1	.1					100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 25217 POINT INCLISE BC/MUSKWA DUT APT YEARS 57-66 MONTH DEC
STATION NAME YEARS MONTH
 CLASS ALL WEATHER HOURS (L & T.) 0600-0800
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.4	1.3	.6	.4								6.5	4.3
NNE	1.7	.6	.5									2.9	3.9
NE	2.9	.9	.2									4.0	3.4
ENE	.4	.1										.5	3.0
E	.8											.8	2.3
ESE	.3	.1	.3									.8	5.3
SE	1.5	.4	.1									2.0	3.3
SSE	1.2	.5	.1									1.7	3.2
S	5.5	3.0	1.1									9.6	3.8
SSW	5.2	3.2	1.1	.1								9.6	4.1
SW	5.0	1.3	1.0									7.8	3.7
WSW	1.0	.3										1.9	2.8
W	1.1											1.1	2.3
WNW	1.1	.4	.2	.1								1.8	4.4
NW	1.0	1.3	1.2	.4								4.9	5.7
NNW	1.4	1.3	2.7	1.0								7.2	7.9
VARBL													
CALM												37.1	
	36.0	14.8	9.1	2.9								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

25218 STATION FORT NELSON BC/HUSK A APT 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	2.9	2.5	1.2	.3								6.9	4.9
NNE	2.2	1.3	.2	.2								3.9	4.2
NE	2.9	.3										3.2	2.6
ENE	.2	.1										.3	3.0
E	.0		.2									.6	3.8
ESE	.3	.1	.1									.5	4.0
SE	1.4	.5	.2									2.7	3.5
SSE	1.5	.4										1.7	3.1
S	9.1	2.9	.6									12.7	3.2
SSW	4.5	2.3	1.5	.2								8.5	4.4
SW	5.1	2.2	.3									7.5	3.5
WSW	.0	.5										1.2	3.7
W	2.2	.3	.2									2.7	3.1
WNW	.4	.3										.8	3.1
NW	1.7	1.0	1.8	.2								4.7	5.8
NNW	1.6	1.2	3.8	1.2								7.9	7.5
VARBL													
CALM												34.1	
	37.6	15.9	10.2	2.2								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR EATER SERVICE/MAC

SURFACE WINDS

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

STATION: 252 R PORT NELSON BC/MUSKWA DUT APT 57-66 YEAR: MONTH: DEC
 STATION NAME: CLASS: ALL WEATHER HOURS (L.S.T.): 1200-1400
 CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	1.6	2.3	.3								7.6	5.1
NNE	2.2	1.4	.3	.1								4.0	4.0
NE	2.4	1.3	.2									3.9	3.4
ENE	.4	.3										1.1	3.1
E	1.4	.1										1.5	2.4
ESE	1.2	.1	.2									1.5	3.5
SE	3.2	.2										3.4	2.5
SSE	1.7	.4										2.2	2.9
S	4.2	2.8	.3									12.4	3.2
SSW	3.4	2.3	1.3									7.4	4.4
SW	2.5	1.2	.2									3.9	3.6
WSW	.8	.1										.9	3.1
W	1.7	.1										1.1	2.8
WNW	.1	.2	.3	.2								.9	8.0
NW	.5	.4	1.8	.3								3.1	7.2
NNW	.4	1.6	3.9	1.4	.1							7.4	8.2
VARBL													
CALM												37.8	
	34.6	14.2	10.9	2.4	.1							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 2521A STATION NAME FORT NELSON BC/MUSKWA OUT APT YEARS 57-66 CFC 6
STATION STATION NAME YEARS 6 MTH

CLASS ALL WEATHER HOURS (L.S.T.) 1900-1700
CLASS HOURS (L.S.T.)

CONDITION _____
CONDITION

SPEED (KNTS) DIR.	1 - 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	2.5	1.4	.1								7.3	4.5
NNE	2.3	1.8	.1									4.7	3.5
NE	2.0	.3										2.4	2.8
ENE	.8	.1										.9	2.9
E	1.7	.1										1.8	2.5
ESE	.8		.1									.9	3.1
SE	1.4	.3	.1									1.8	3.3
SSE	.4	.3										1.2	3.3
S	6.5	2.0	.5									9.0	3.3
SSW	4.8	2.4	1.4									9.1	4.1
SW	3.7	1.1	.4									5.2	3.5
WSW	.8	.3										1.1	3.5
W	1.3	.4	.2									1.9	3.6
WNW	.6	.1	.2	.1								1.1	5.2
NW	1.6	1.3	1.9	.1								4.9	5.7
NNW	2.2	2.7	2.3	2.2								9.2	7.0
VARBL													
CALM												38.0	
	34.5	16.3	8.7	2.5								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 330

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

25215 STATION FORT NELSON BC/MUSKWA BDT APT STATION NAME 57-66 YEARS DEC MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	1.7	1.2	.4								7.0	4.7
NNE	2.2	1.5	.1									3.8	3.6
NE	1.8	.2										2.0	2.8
ENE	.5	.1										.6	2.3
E	.8											.8	2.4
ESE	.8	.3		.1								1.2	3.7
SE	1.1	1.1	.1									2.3	3.7
SSE	1.5	.1										1.6	2.6
S	5.5	2.5	.8									8.7	3.7
SSW	3.2	2.0	1.4	.2								6.9	4.6
SW	4.1	1.1	.4									5.6	3.5
WSW	.9	.2		.1								1.2	4.0
W	1.6	.4	.2	.2								2.5	4.3
WNW	.4	.8	.2									1.4	5.7
NW	2.7	1.5	2.0	.2								6.5	5.2
NNW	2.0	2.2	2.4	1.3								8.4	6.5
VARBL													
CALM												39.7	
	33.2	15.7	8.8	2.9								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

2321 STATION FORT NELSON BC/MUSKWA DUT APT 57-66 DECEMBER
 STATION NAME STATION NAME YEARS MONTH
 ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	1.8	.9	.5								6.2	4.9
NNE	2.0	.9	.4									3.3	4.0
NE	1.8	.4										2.3	2.8
ENE	.2											.2	2.5
E	.8	.2										1.0	3.1
ESE	.4	.2										.6	3.2
SE	1.0	.3	.1	.2								2.3	4.0
SSE	1.0	.1										1.1	2.3
S	6.6	2.2	.9									9.6	3.6
SSW	3.8	2.9	.8									7.4	4.1
SW	3.1	1.6	1.1									5.7	4.2
WSW	.4	.3										.8	3.7
W	2.2	.1	.2									2.5	3.1
WNW	.4	.0	.3	.2								1.6	5.7
NW	3.7	1.0	2.6	.2	.1							7.5	3.3
NNW	1.0	1.3	2.5	1.4	.1							6.9	7.6
VARBL													
CALM												41.1	
	32.5	14.0	9.7	2.6	.2							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/ETAC

SURFACE WINDS

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

25216 STATION FORT NELSON BC/MUSKWA BUI APT 57-66 YEARS ALL MONTH
 INSTRUMENT CLASS AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE, CONDITION AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE 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	4.7	5.6	5.0	1.6	.1	.0						17.1	6.2
NNE	2.3	2.3	1.8	.6	.0							7.0	5.8
NE	2.5	1.3	.5	.1								4.4	4.2
ENE	.8	.5	.2	.0								1.6	4.1
E	1.6	.7	.3	.0	.0							2.6	3.8
ESE	.9	.7	.4									2.0	4.4
SE	1.6	.8	.5	.0								2.9	4.2
SSE	1.0	.4	.2									1.6	3.7
S	2.9	.9	.1	.0								3.9	3.2
SSW	1.0	.5	.0									1.5	3.4
SW	1.4	.5	.0									2.0	3.1
WSW	.4	.2	.1									.7	4.1
W	1.0	.4	.1	.1								1.7	4.1
WNW	.7	.6	.7	.3	.0							2.2	6.5
NW	2.2	2.6	3.3	1.0	.0	.0						9.7	6.6
NNW	2.3	4.7	8.0	4.2	.3	.1						19.6	8.2
VARBL													
CALM												20.0	
	27.4	22.8	21.3	8.0	.4	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 7792

1. The ceiling is the height of the lowest layer of clouds or obscuring phenomena which is sufficiently thick to obscure the sky. It is the height of the base of the clouds or obscuring phenomena, not the height of the top of the clouds or obscuring phenomena.

CHAPTER 10 CEILING VERSUS VISIBILITY

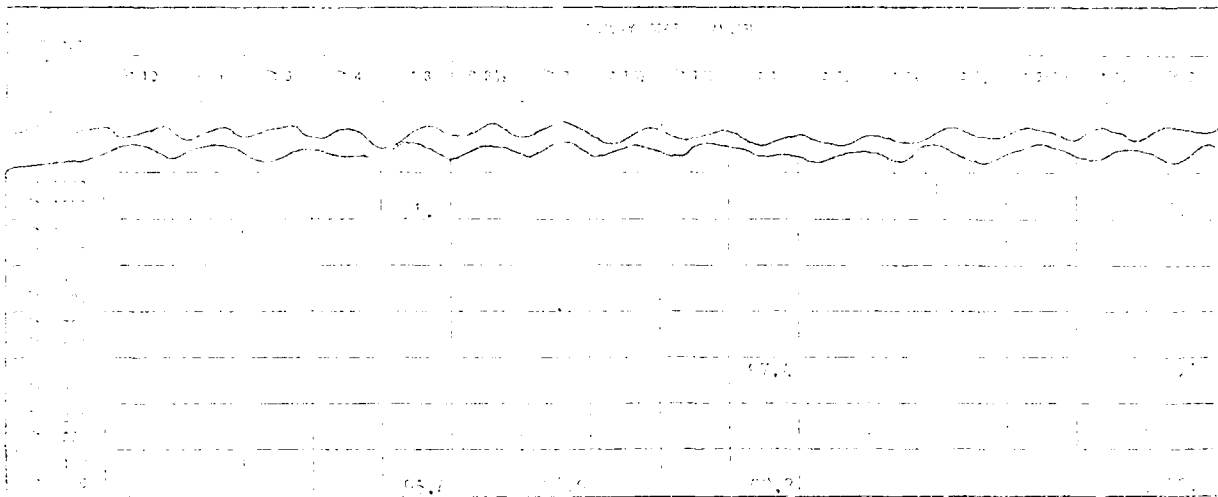
10.1. The relationship between ceiling and visibility is a complex one. It is possible to determine the percent of days that the ceiling is higher than the visibility, or to determine the percent of days that the ceiling is lower than the visibility, or to determine the percent of days that the ceiling is equal to the visibility. It is also possible to determine the percent of days that the ceiling is higher than the visibility and the visibility is higher than the ceiling, or to determine the percent of days that the ceiling is lower than the visibility and the visibility is lower than the ceiling, or to determine the percent of days that the ceiling is equal to the visibility and the visibility is equal to the ceiling.

- 10.1.1. The ceiling is higher than the visibility
- 10.1.2. The ceiling is lower than the visibility
- 10.1.3. The ceiling is equal to the visibility

10.2. The relationship between ceiling and visibility is a complex one. It is possible to determine the percent of days that the ceiling is higher than the visibility, or to determine the percent of days that the ceiling is lower than the visibility, or to determine the percent of days that the ceiling is equal to the visibility. It is also possible to determine the percent of days that the ceiling is higher than the visibility and the visibility is higher than the ceiling, or to determine the percent of days that the ceiling is lower than the visibility and the visibility is lower than the ceiling, or to determine the percent of days that the ceiling is equal to the visibility and the visibility is equal to the ceiling.

10.3. The relationship between ceiling and visibility is a complex one. It is possible to determine the percent of days that the ceiling is higher than the visibility, or to determine the percent of days that the ceiling is lower than the visibility, or to determine the percent of days that the ceiling is equal to the visibility. It is also possible to determine the percent of days that the ceiling is higher than the visibility and the visibility is higher than the ceiling, or to determine the percent of days that the ceiling is lower than the visibility and the visibility is lower than the ceiling, or to determine the percent of days that the ceiling is equal to the visibility and the visibility is equal to the ceiling.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLE IN THIS TAMPATION



- EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed \searrow 2.
 For instance, from the table: Ceiling \searrow 1500 Feet = 28.0%.
 Ceiling \searrow 100 Feet = 21.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite \searrow 0. From the table:
 Visibility \searrow 3 Miles = 25.6%.
 Visibility \searrow 2 Miles = 25.9%.
 Visibility \searrow 1 Mile = 21.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling \searrow 1500 feet with visibility \searrow 3 miles = 21.3%.

ADDITIONAL EXAMPLES

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

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

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

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

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

ATL PROCESSING DIVISION
SAC ETAC
IN LAF 1000000

CEILING VERSUS VISIBILITY

STATION NAME ATL YEAR 1960 MONTH 11

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .58	≥ .5	≥ .36	≥ .25
NO CEILING	40.4	45.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
IV 2000	51.1	51.1	51.2	51.4	51.5	51.6	51.6	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8
IV 1800	51.1	51.1	51.3	51.5	51.6	51.7	51.7	51.8	51.8	51.9	51.9	51.9	51.9	52.0	52.0
IV 1600	51.1	51.1	51.3	51.5	51.6	51.7	51.7	51.8	51.8	51.9	51.9	51.9	51.9	52.0	52.0
IV 1400	52.1	52.5	52.8	53.1	53.1	53.2	53.2	53.3	53.3	53.4	53.4	53.5	53.5	53.6	53.7
IV 1200	55.1	55.6	55.9	56.1	56.2	56.2	56.3	56.4	56.4	56.5	56.6	56.6	56.7	56.8	57.0
IV 1000	60.2	60.7	61.1	61.3	61.3	61.6	61.7	61.7	61.7	61.9	61.9	62.0	62.1	62.1	62.5
IV 900	64.9	64.5	64.9	65.2	65.4	65.5	65.6	65.7	65.7	65.8	65.9	65.9	66.1	66.1	66.5
IV 800	67.9	68.6	69.1	69.4	69.7	69.8	69.9	70.0	70.0	70.2	70.3	70.4	70.5	70.5	70.9
IV 700	71.1	72.0	72.0	72.9	73.3	73.4	73.4	73.7	73.7	73.9	74.0	74.0	74.2	74.2	74.6
IV 600	72.4	73.4	74.0	74.3	74.4	74.8	75.0	75.2	75.2	75.3	75.4	75.4	75.6	75.7	76.0
IV 500	75.5	76.5	77.2	77.6	78.1	78.2	78.4	78.5	78.6	78.7	78.8	78.9	79.1	79.1	79.5
IV 450	79.7	79.9	80.7	81.2	81.7	81.8	82.1	82.3	82.3	82.5	82.6	82.6	82.8	82.9	83.3
IV 400	81.3	81.3	82.2	82.7	83.3	83.4	83.7	83.9	83.9	84.1	84.3	84.3	84.5	84.5	84.9
IV 350	81.9	82.6	83.7	84.3	85.0	85.2	85.6	85.8	85.8	86.1	86.2	86.2	86.4	86.5	86.9
IV 300	84.1	84.3	85.2	85.9	86.7	86.8	87.3	87.5	87.5	87.6	87.9	88.1	88.3	88.3	88.9
IV 250	87.7	87.7	88.6	89.3	89.8	89.8	90.2	90.3	90.3	90.5	91.1	91.1	91.3	91.4	91.9
IV 200	90.4	90.5	91.9	92.7	93.4	94.2	94.9	95.6	95.6	96.3	97.3	97.4	97.7	97.7	98.2
IV 1800	90.4	90.5	91.9	92.7	93.4	94.2	94.9	95.6	95.6	96.3	97.3	97.4	97.7	97.7	98.2
IV 1500	90.4	90.5	91.9	92.7	93.4	94.2	94.9	95.6	95.6	96.3	97.3	97.4	97.7	97.7	98.2
IV 1200	90.4	90.5	91.9	92.7	93.4	94.2	94.9	95.6	95.6	96.3	97.3	97.4	97.7	97.7	98.2
IV 1000	90.4	90.5	91.9	92.7	93.4	94.2	94.9	95.6	95.6	96.3	97.3	97.4	97.7	97.7	98.2
IV 900	90.4	90.5	91.9	92.7	93.4	94.2	94.9	95.6	95.6	96.3	97.3	97.4	97.7	97.7	98.2
IV 800	90.4	90.5	91.9	92.7	93.4	94.2	94.9	95.6	95.6	96.3	97.3	97.4	97.7	97.7	98.2
IV 700	90.4	90.5	91.9	92.7	93.4	94.2	94.9	95.6	95.6	96.3	97.3	97.4	97.7	97.7	98.2
IV 600	90.4	90.5	91.9	92.7	93.4	94.2	94.9	95.6	95.6	96.3	97.3	97.4	97.7	97.7	98.2
IV 500	90.4	90.5	91.9	92.7	93.4	94.2	94.9	95.6	95.6	96.3	97.3	97.4	97.7	97.7	98.2
IV 400	90.4	90.5	91.9	92.7	93.4	94.2	94.9	95.6	95.6	96.3	97.3	97.4	97.7	97.7	98.2
IV 300	90.4	90.5	91.9	92.7	93.4	94.2	94.9	95.6	95.6	96.3	97.3	97.4	97.7	97.7	98.2
IV 200	90.4	90.5	91.9	92.7	93.4	94.2	94.9	95.6	95.6	96.3	97.3	97.4	97.7	97.7	98.2
IV 100	90.4	90.5	91.9	92.7	93.4	94.2	94.9	95.6	95.6	96.3	97.3	97.4	97.7	97.7	98.2
IV 0	90.4	90.5	91.9	92.7	93.4	94.2	94.9	95.6	95.6	96.3	97.3	97.4	97.7	97.7	98.2

TOTAL NUMBER OF OBSERVATIONS 47642

ATMOSPHERIC DIVISION
 WFO
 WASHINGTON FIELD OFFICE

CEILING VERSUS VISIBILITY

STATION: WFO DATE: 12-1-66 MONTH: DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES																	
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .58	≥ .5	≥ .516	≥ .5			
NO CEILING	48.1	48.6	49.4	47.7	50.0	51.1	50.2	50.2	50.3	51.4	50.5	50.5	50.5	51.5	51.5	51.5	51.5	51.5
IVM 20000	51.6	52.3	52.7	52.3	53.0	53.5	53.7	53.8	54.6	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IVM 18000	51.5	52.4	53.0	53.4	53.7	53.8	53.9	53.9	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IVM 16000	51.0	52.7	53.3	53.6	53.7	54.0	54.1	54.2	54.2	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5
IVM 14000	51.0	53.5	54.1	54.4	54.7	54.8	54.9	55.0	55.0	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3
IVM 12000	55.0	56.6	57.2	57.6	57.9	58.0	58.1	58.2	58.2	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5
IVM 10000	59.3	61.4	62.2	62.6	63.0	63.1	63.2	63.3	63.3	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IVM 9000	63.8	64.7	65.5	66.2	66.6	66.5	66.7	66.7	66.8	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1
IVM 8000	66.8	67.3	69.3	69.9	70.2	70.6	70.9	70.9	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IVM 7000	70.1	71.7	72.9	73.7	74.4	74.5	74.8	74.9	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3
IVM 6000	71.0	72.7	73.9	74.7	75.4	75.6	75.6	75.7	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IVM 5000	72.7	74.7	76.1	77.0	78.0	78.1	78.5	78.7	78.7	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1
IVM 4500	73.6	75.9	77.3	78.3	79.2	79.4	79.8	80.0	80.0	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
IVM 4000	73.2	77.7	79.4	80.4	81.5	81.7	82.1	82.4	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IVM 3500	76.4	79.1	81.0	82.2	83.3	83.5	84.0	84.4	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IVM 3000	77.3	82.2	82.2	83.0	83.0	83.3	83.9	86.3	86.3	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8
IVM 2500	78.2	81.3	83.4	84.9	86.0	86.7	87.0	88.2	88.2	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IVM 2000	79.4	82.6	85.0	86.5	88.1	88.5	89.5	90.4	90.4	91.3	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6
IVM 1800	79.0	82.0	85.3	86.9	88.0	89.0	90.0	91.0	91.1	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IVM 1500	80.4	83.9	86.5	88.1	90.0	90.4	91.0	92.7	92.8	94.1	94.0	94.0	94.0	94.7	94.7	94.7	94.7	94.7
IVM 1200	81.3	84.9	87.5	89.2	91.2	91.6	92.6	94.0	94.1	95.3	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4
IVM 1000	81.7	85.4	88.0	89.7	91.7	92.1	93.3	94.6	94.7	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IVM 900	81.0	85.6	88.2	89.9	91.9	92.3	93.5	94.7	94.8	96.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IVM 800	81.0	85.8	88.4	90.2	92.2	92.6	93.8	95.1	95.1	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IVM 700	82.2	86.1	88.7	90.4	92.4	92.8	94.1	95.3	95.4	97.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IVM 600	82.3	86.1	88.8	90.5	92.5	92.9	94.2	95.5	95.6	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IVM 500	82.4	86.2	89.0	90.6	92.7	93.1	94.4	95.6	95.7	97.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IVM 400	82.5	86.3	89.0	90.7	92.7	93.2	94.5	95.7	95.8	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IVM 300	82.0	86.4	89.0	90.8	92.8	93.3	94.6	95.8	95.9	97.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IVM 200	82.0	86.4	89.1	90.8	92.9	93.3	94.6	95.8	95.9	97.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IVM 100	82.0	86.4	89.1	90.8	92.9	93.3	94.6	95.8	95.9	97.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IVM 0	82.0	86.4	89.1	90.8	92.9	93.3	94.6	95.8	95.9	97.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS: 144

DATA PROCESSING DIVISION
 USAF ETAC
 111 EASTERN AVENUE

CEILING VERSUS VISIBILITY

STATION: WPT ILS 06/38 ICAO: WPT YEAR: 57-60 MONTH: 11

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .5	≥ .5	≥ 0
2000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
1800	47.9	48.4	48.5	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8
1400	49.2	49.7	49.9	50.0	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2
1000	57.4	58.2	58.5	58.7	58.9	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
800	66.0	67.4	67.8	68.1	68.4	68.4	68.6	68.7	68.7	68.8	68.8	68.9	68.9	68.9	68.9
600	71.1	72.8	73.3	73.3	74.4	74.4	74.6	74.8	74.8	74.9	75.0	75.0	75.0	75.0	75.0
450	75.4	77.2	78.0	78.6	79.3	79.4	79.7	79.9	79.9	80.1	80.1	80.1	80.2	80.2	80.2
330	80.5	82.3	83.1	83.4	83.3	83.4	83.9	84.2	84.2	84.5	84.6	84.6	84.6	84.6	84.6
250	84.8	85.6	85.5	85.4	86.5	86.8	87.5	87.9	88.0	88.4	88.6	88.6	88.6	88.6	88.6
180	88.7	89.7	89.8	89.7	91.0	91.4	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5
120	90.6	91.5	91.1	91.4	91.9	92.4	93.0	94.4	94.6	95.8	96.6	96.6	96.7	96.7	96.7
90	92.7	93.6	93.0	93.4	93.0	93.6	94.0	95.7	95.7	97.1	98.0	98.0	98.1	98.1	98.2
70	93.0	93.7	93.4	93.7	93.7	93.7	93.7	95.9	96.1	97.6	98.6	98.6	98.7	98.8	98.8
50	93.0	93.7	93.7	93.7	93.7	93.7	93.7	95.4	95.4	96.3	96.9	98.0	98.0	98.0	98.0
40	93.0	93.7	93.7	93.7	93.7	93.7	93.7	95.4	95.4	96.3	96.9	98.0	98.0	98.0	98.0
30	93.0	93.7	93.7	93.7	93.7	93.7	93.7	95.4	95.4	96.3	96.9	98.0	98.0	98.0	98.0
20	93.0	93.7	93.7	93.7	93.7	93.7	93.7	95.4	95.4	96.3	96.9	98.0	98.0	98.0	98.0
10	93.0	93.7	93.7	93.7	93.7	93.7	93.7	95.4	95.4	96.3	96.9	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS: 670

ATA PASSAGE INVESTIGATION
 STATION
 DATE

CEILING VERSUS VISIBILITY

STATION NAME: EL PASO DATE: 10/15/66 MONTH: 10

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .58	≥ .5	≥ .25	≥ 0
NO CEILING	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 20000	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 18000	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 16000	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 14000	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 12000	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 10000	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 9000	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 8000	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 7000	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 6000	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 5000	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 4500	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 4000	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 3500	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 3000	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 2500	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 2000	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 1800	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 1500	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 1200	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 1000	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 900	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 800	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 700	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 600	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 500	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 400	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 300	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 200	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 100	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
IV 0	31.6	53.7	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0

TOTAL NUMBER OF OBSERVATIONS: 7440

AIR FORCE DATA PROCESSING DIVISION
USAF ETAC
AIR FATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

STATION: FORT WILSON DC/ASST DISTRICT: 57-66 YEARS: _____ MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .36	≥ .3	
NO CEILING	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
IVM 20000	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IVM 18000	55.5	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IVM 16000	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0
IVM 14000	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IVM 12000	59.0	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
IVM 10000	63.8	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2
IVM 9000	67.6	67.7	67.8	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1
IVM 8000	71.2	71.3	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7
IVM 7000	74.3	74.4	74.6	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.1
IVM 6000	75.5	75.7	75.8	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.3
IVM 5000	79.0	79.2	79.4	79.5	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.9	79.9	80.0	80.0	80.0
IVM 4500	80.8	81.0	81.3	81.4	81.5	81.6	81.7	81.8	81.8	81.8	81.9	81.9	82.0	82.0	82.0	82.0
IVM 4000	83.2	83.5	84.9	84.0	84.2	84.4	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.9
IVM 3300	84.7	85.1	85.5	85.6	85.9	86.1	86.2	86.3	86.3	86.4	86.5	86.5	86.6	86.6	86.6	86.6
IVM 3000	86.9	86.9	87.3	87.5	87.8	88.0	88.4	88.5	88.5	88.6	88.7	88.8	88.8	88.8	88.8	88.9
IVM 2500	87.9	88.4	89.0	89.2	89.6	89.8	90.3	90.4	90.4	90.6	90.8	90.9	90.9	90.9	90.9	91.0
IVM 2000	90.4	90.6	90.6	91.0	91.6	91.8	92.2	92.3	92.3	92.8	93.1	93.3	93.3	93.4	93.4	93.5
IVM 1800	90.8	90.4	91.0	91.4	92.0	92.3	93.0	93.3	93.3	93.4	93.7	94.0	94.0	94.0	94.1	94.1
IVM 1500	90.7	91.3	92.1	92.4	93.2	93.5	94.2	94.6	94.6	95.1	95.6	95.7	95.8	95.8	95.8	95.8
IVM 1200	91.5	92.3	93.1	93.5	94.2	94.6	95.3	95.7	95.8	96.4	97.1	97.2	97.3	97.3	97.3	97.3
IVM 1000	91.9	92.7	93.5	94.0	94.8	95.1	95.8	96.3	96.4	97.1	97.9	98.0	98.2	98.2	98.2	98.3
IVM 900	92.1	93.0	93.8	94.3	95.1	95.4	96.2	96.6	96.7	97.4	98.2	98.3	98.5	98.6	98.6	98.7
IVM 800	92.2	93.1	94.0	94.4	95.2	95.5	96.3	96.8	96.9	97.6	98.5	98.6	98.8	98.9	98.9	99.0
IVM 700	92.3	93.3	94.1	94.6	95.4	95.7	96.5	97.0	97.1	97.8	98.3	98.9	99.1	99.2	99.2	99.3
IVM 600	92.4	93.4	94.2	94.7	95.5	95.8	96.6	97.1	97.2	98.0	98.9	99.1	99.3	99.4	99.4	99.5
IVM 500	92.6	93.6	94.4	94.9	95.7	96.1	96.8	97.4	97.4	98.2	99.2	99.3	99.5	99.6	99.6	99.8
IVM 400	92.6	93.6	94.5	95.0	95.8	96.1	96.9	97.4	97.5	98.3	99.2	99.4	99.6	99.7	99.8	99.9
IVM 300	92.7	93.7	94.5	95.0	95.8	96.2	97.0	97.5	97.5	98.3	99.3	99.4	99.7	99.8	99.9	100.0
IVM 200	92.7	93.7	94.5	95.1	95.8	96.2	97.0	97.5	97.5	98.3	99.3	99.5	99.7	99.8	99.9	100.0
IVM 100	92.7	93.7	94.5	95.1	95.8	96.2	97.0	97.5	97.5	98.3	99.3	99.5	99.7	99.8	99.9	100.0
IVM 50	92.7	93.7	94.5	95.1	95.8	96.2	97.0	97.5	97.5	98.3	99.3	99.5	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 7700

AIR FORCE DATA PROCESSING DIVISION
USAF ETAC
17-66

CEILING VERSUS VISIBILITY

STATION NAME: _____ STATION NO.: _____ DATE: 17-66 YEARS: _____ MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .125	≥ 0
NO CEILING ≥ 20000	44.1	44.1	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
18000	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9
16000	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.2	49.2	49.3
14000	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.9	49.9	49.9	50.0
12000	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.7	52.7
10000	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.8
9000	61.2	61.2	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.6	61.7
8000	65.6	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.9	65.9	66.0	66.0	66.1	66.2
7000	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.7	69.8
6000	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.6	72.7
5000	76.1	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.6	76.6	76.7
4500	78.4	78.5	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.9	79.0
4000	80.5	80.5	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.4	81.4	81.5	81.7
3500	82.0	82.5	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.3	83.3	83.4	83.5
3000	85.4	85.4	85.5	85.5	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.8	86.0	86.0	86.1	86.2
2500	87.4	87.6	87.7	87.7	87.9	87.9	88.0	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.4	88.5
2000	89.7	89.8	89.8	89.7	89.9	89.9	90.0	90.1	90.1	90.2	90.3	90.3	90.5	90.5	90.6	90.7
1800	90.9	90.2	90.4	90.5	90.7	90.7	90.9	91.0	91.0	91.1	91.2	91.3	91.4	91.4	91.5	91.6
1500	91.9	91.7	92.0	92.1	92.3	92.4	92.5	92.7	92.7	93.1	93.2	93.2	93.3	93.4	93.5	93.6
1200	93.0	93.3	93.6	93.7	94.1	94.2	94.3	94.7	94.7	95.1	95.3	95.4	95.5	95.5	95.7	95.8
1000	93.7	94.3	94.7	94.8	95.2	95.4	95.7	95.9	95.9	96.5	96.7	96.7	96.9	96.9	97.1	97.2
900	94.1	94.7	95.1	95.2	95.7	95.8	96.1	96.4	96.4	96.9	97.3	97.3	97.5	97.5	97.6	97.8
800	94.3	95.1	95.5	95.6	96.1	96.1	96.6	96.9	97.0	97.5	97.9	97.9	98.1	98.1	98.2	98.4
700	94.6	95.4	95.9	96.0	96.6	96.6	97.2	97.4	97.5	98.1	98.5	98.5	98.7	98.7	98.9	99.0
600	94.7	95.6	96.1	96.3	96.9	97.1	97.2	97.2	97.8	97.8	98.4	98.9	98.9	99.1	99.1	99.4
500	94.8	95.7	96.3	96.4	97.1	97.3	97.6	97.9	98.0	98.6	99.1	99.3	99.3	99.3	99.4	99.6
400	94.9	95.5	96.4	96.6	97.2	97.4	97.8	98.1	98.1	98.8	99.3	99.3	99.5	99.5	99.7	99.8
300	94.9	95.8	96.4	96.6	97.2	97.4	97.8	98.1	98.2	98.8	99.4	99.4	99.6	99.6	99.7	99.9
200	94.9	95.5	96.4	96.6	97.3	97.5	97.9	98.2	98.3	98.9	99.4	99.4	99.6	99.7	99.8	100.0
100	94.9	95.1	96.4	96.6	97.3	97.5	97.9	98.2	98.3	98.9	99.4	99.4	99.7	99.7	99.8	100.0
0	94.9	95.1	96.4	96.6	97.3	97.5	97.9	98.2	98.3	98.9	99.4	99.4	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 744C

AIR FORCE DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

STATION: 25210 NAME: ELMENDORF AFB TX DATE: 57-66 YEARS: _____ MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO. CEILING	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.3	41.4	41.4	41.4	41.5	41.5	41.5	41.6	41.7
IV 20000	46.8	46.9	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.2	47.2	47.2	47.3	47.3	47.3	47.4	47.4
IV 18000	46.8	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2	47.3	47.3	47.4	47.4	47.4	47.6	47.6
IV 16000	47.1	47.2	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.5	47.5	47.5	47.6	47.6	47.7	47.8	48.1
IV 14000	47.9	48.0	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.3	48.3	48.3	48.4	48.4	48.5	48.6	48.7
IV 12000	51.1	51.2	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.5	51.6	51.6	51.7	51.7	51.8	52.1	52.1
IV 10000	56.4	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.9	56.9	56.9	57.0	57.1	57.2	57.6	57.6
IV 9000	61.6	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.3	62.3	62.3	62.8	62.8
IV 8000	65.8	65.9	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.4	66.5	66.5	66.6	66.6	66.7	67.2	67.2
IV 7000	69.3	69.4	69.7	69.7	69.8	69.8	69.8	69.8	69.8	70.0	70.1	70.1	70.2	70.3	70.3	70.8	70.8
IV 6000	72.6	72.8	73.1	73.1	73.2	73.2	73.3	73.3	73.3	73.5	73.5	73.5	73.7	73.7	73.9	74.3	74.3
IV 5000	78.8	79.0	79.4	79.4	79.5	79.5	79.6	79.6	79.6	79.8	79.8	79.8	80.0	80.0	80.2	80.5	80.5
IV 4500	81.7	81.9	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.7	82.7	82.7	82.9	82.9	83.2	83.5	83.5
IV 4000	84.9	85.2	85.7	85.8	85.9	85.9	85.9	85.9	85.9	86.1	86.2	86.2	86.3	86.4	86.6	86.9	86.9
IV 3500	87.5	87.9	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.8	88.9	88.9	89.0	89.1	89.3	89.7	89.7
IV 3000	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.1	91.1	91.2	91.3	91.3	91.9	91.9
IV 2500	91.3	91.4	92.3	92.4	92.5	92.5	92.6	92.6	92.6	92.8	92.8	92.9	93.0	93.1	93.3	93.7	93.7
IV 2000	92.7	93.7	93.7	93.3	93.9	93.9	94.0	94.0	94.0	94.2	94.3	94.3	94.6	94.6	94.7	95.1	95.1
IV 1800	93.1	93.6	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.8	94.8	94.8	95.0	95.0	95.2	95.7	95.7
IV 1500	94.0	94.6	95.1	95.4	95.5	95.5	95.6	95.6	95.6	95.8	95.9	95.9	96.0	96.1	96.3	96.7	96.7
IV 1200	94.8	95.5	96.1	96.2	96.4	96.4	96.4	96.5	96.5	96.7	96.7	96.7	96.9	97.0	97.2	97.6	97.6
IV 1000	95.4	96.1	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.4	97.5	97.5	97.7	97.7	97.9	98.4	98.4
IV 900	95.6	96.3	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.9	97.9	98.0	98.6	98.6
IV 800	95.7	96.5	97.2	97.4	97.5	97.5	97.6	97.6	97.6	97.8	97.8	97.8	98.1	98.1	98.2	98.8	98.8
IV 700	95.9	96.7	97.4	97.6	97.7	97.7	97.8	97.8	97.8	98.1	98.1	98.1	98.4	98.4	98.5	99.0	99.0
IV 600	96.0	96.8	97.5	97.8	98.0	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.6	98.6	98.9	99.3	99.3
IV 500	96.1	96.9	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.6	98.6	98.6	98.9	98.9	99.1	99.5	99.5
IV 400	96.1	97.0	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.2	99.6	99.6
IV 300	96.2	97.1	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.2	99.6	99.6
IV 200	96.2	97.1	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.2	99.6	99.6
IV 100	96.2	97.1	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.2	99.6	99.6
IV 0	96.2	97.1	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.2	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 7134

DATA PROCESSING DIVISION
USAF ETAC
AIR STAT CENTER WPC/100

CEILING VERSUS VISIBILITY

STATION: WPT DATE: 57-66 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	47.0	47.5	47.9	48.0	48.6	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5	49.5
IV 20000	47.0	47.5	47.9	48.0	48.6	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5	49.5
IV 18000	47.9	48.4	48.8	49.0	49.7	49.8	49.9	49.9	49.9	50.0	50.1	50.1	50.2	50.3	50.5	50.5
IV 16000	48.2	48.7	49.1	49.3	50.0	50.1	50.2	50.2	50.2	50.3	50.4	50.4	50.5	50.6	50.8	50.8
IV 14000	48.9	49.4	49.8	50.0	50.7	50.8	50.9	50.9	50.9	51.0	51.1	51.1	51.2	51.3	51.5	51.5
IV 12000	49.6	50.1	50.5	50.7	51.4	51.5	51.6	51.6	51.6	51.7	51.8	51.8	51.9	52.0	52.2	52.2
IV 10000	50.3	50.8	51.2	51.4	52.1	52.2	52.3	52.3	52.3	52.4	52.5	52.5	52.6	52.7	52.9	52.9
IV 9000	51.0	51.5	51.9	52.1	52.8	52.9	53.0	53.0	53.0	53.1	53.2	53.2	53.3	53.4	53.6	53.6
IV 8000	51.7	52.2	52.6	52.8	53.5	53.6	53.7	53.7	53.7	53.8	53.9	53.9	54.0	54.1	54.3	54.3
IV 7000	52.4	52.9	53.3	53.5	54.2	54.3	54.4	54.4	54.4	54.5	54.6	54.6	54.7	54.8	55.0	55.0
IV 6000	53.1	53.6	54.0	54.2	54.9	55.0	55.1	55.1	55.1	55.2	55.3	55.3	55.4	55.5	55.7	55.7
IV 5000	53.8	54.3	54.7	54.9	55.6	55.7	55.8	55.8	55.8	55.9	56.0	56.0	56.1	56.2	56.4	56.4
IV 4500	54.5	55.0	55.4	55.6	56.3	56.4	56.5	56.5	56.5	56.6	56.7	56.7	56.8	56.9	57.1	57.1
IV 4000	55.2	55.7	56.1	56.3	57.0	57.1	57.2	57.2	57.2	57.3	57.4	57.4	57.5	57.6	57.8	57.8
IV 3500	55.9	56.4	56.8	57.0	57.7	57.8	57.9	57.9	57.9	58.0	58.1	58.1	58.2	58.3	58.5	58.5
IV 3000	56.6	57.1	57.5	57.7	58.4	58.5	58.6	58.6	58.6	58.7	58.8	58.8	58.9	59.0	59.2	59.2
IV 2500	57.3	57.8	58.2	58.4	59.1	59.2	59.3	59.3	59.3	59.4	59.5	59.5	59.6	59.7	59.9	59.9
IV 2000	58.0	58.5	58.9	59.1	59.8	59.9	60.0	60.0	60.0	60.1	60.2	60.2	60.3	60.4	60.6	60.6
IV 1800	58.7	59.2	59.6	59.8	60.5	60.6	60.7	60.7	60.7	60.8	60.9	60.9	61.0	61.1	61.3	61.3
IV 1500	59.4	59.9	60.3	60.5	61.2	61.3	61.4	61.4	61.4	61.5	61.6	61.6	61.7	61.8	62.0	62.0
IV 1200	60.1	60.6	61.0	61.2	61.9	62.0	62.1	62.1	62.1	62.2	62.3	62.3	62.4	62.5	62.7	62.7
IV 1000	60.8	61.3	61.7	61.9	62.6	62.7	62.8	62.8	62.8	62.9	63.0	63.0	63.1	63.2	63.4	63.4
IV 900	61.5	62.0	62.4	62.6	63.3	63.4	63.5	63.5	63.5	63.6	63.7	63.7	63.8	63.9	64.1	64.1
IV 800	62.2	62.7	63.1	63.3	64.0	64.1	64.2	64.2	64.2	64.3	64.4	64.4	64.5	64.6	64.8	64.8
IV 700	62.9	63.4	63.8	64.0	64.7	64.8	64.9	64.9	64.9	65.0	65.1	65.1	65.2	65.3	65.5	65.5
IV 600	63.6	64.1	64.5	64.7	65.4	65.5	65.6	65.6	65.6	65.7	65.8	65.8	65.9	66.0	66.2	66.2
IV 500	64.3	64.8	65.2	65.4	66.1	66.2	66.3	66.3	66.3	66.4	66.5	66.5	66.6	66.7	66.9	66.9
IV 400	65.0	65.5	65.9	66.1	66.8	66.9	67.0	67.0	67.0	67.1	67.2	67.2	67.3	67.4	67.6	67.6
IV 300	65.7	66.2	66.6	66.8	67.5	67.6	67.7	67.7	67.7	67.8	67.9	67.9	68.0	68.1	68.3	68.3
IV 200	66.4	66.9	67.3	67.5	68.2	68.3	68.4	68.4	68.4	68.5	68.6	68.6	68.7	68.8	69.0	69.0
IV 100	67.1	67.6	68.0	68.2	68.9	69.0	69.1	69.1	69.1	69.2	69.3	69.3	69.4	69.5	69.7	69.7
IV 0	67.8	68.3	68.7	68.9	69.6	69.7	69.8	69.8	69.8	69.9	70.0	70.0	70.1	70.2	70.4	70.4

TOTAL NUMBER OF OBSERVATIONS: 7440

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

45212 STATION NO. FUJIT DELSUN BC/ILSKVA OUT APT STATION NAME 57-66 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .516	≥ .4	≥ 0	
NO CEILING	47.0	47.8	48.5	47.0	49.3	49.1	49.4	49.5	49.5	49.7	49.8	49.8	50.0	50.0	50.2	50.7
IV 20000	51.4	52.8	53.5	54.1	54.4	54.4	54.5	54.6	54.6	54.8	54.9	54.9	55.1	55.1	55.3	55.8
IV 18000	52.2	53.1	53.8	54.4	54.8	54.8	54.9	55.0	55.0	55.2	55.3	55.3	55.5	55.5	55.7	56.3
IV 16000	53.1	54.0	54.7	55.3	55.7	55.7	55.9	55.9	55.9	56.2	56.2	56.3	56.5	56.5	56.7	57.2
IV 14000	55.3	56.3	57.1	57.9	58.3	58.3	58.5	58.7	58.7	59.0	59.1	59.1	59.3	59.3	59.5	60.1
IV 12000	60.6	61.7	62.5	63.5	63.8	63.9	64.1	64.3	64.3	64.6	64.6	64.8	65.0	65.0	65.3	65.9
IV 10000	64.0	65.1	66.0	67.0	67.4	67.4	67.6	67.8	67.8	68.2	68.3	68.3	68.5	68.5	68.8	69.5
IV 9000	63.4	64.6	65.5	66.5	67.5	67.5	67.8	68.0	68.0	68.4	68.4	68.6	68.8	68.8	69.1	69.8
IV 8000	71.6	72.9	73.8	74.8	75.2	75.3	75.6	75.7	75.7	76.1	76.3	76.3	76.5	76.5	76.8	77.6
IV 7000	73.0	74.3	75.3	76.3	76.8	76.8	77.1	77.3	77.3	77.7	77.8	77.9	78.1	78.1	78.5	79.2
IV 6000	78.4	79.7	80.7	81.7	82.2	82.2	82.6	82.7	82.7	83.1	83.2	83.2	83.5	83.5	83.8	84.7
IV 5000	77.9	79.2	80.3	81.3	81.8	81.8	82.2	82.3	82.3	82.7	82.9	82.9	83.2	83.2	83.5	84.2
IV 4500	79.8	81.2	82.3	83.3	83.8	83.8	84.2	84.3	84.3	84.8	84.9	84.9	85.2	85.2	85.5	86.3
IV 4000	81.1	82.5	83.6	84.6	85.1	85.2	85.5	85.7	85.7	86.1	86.3	86.3	86.6	86.6	86.9	87.6
IV 3500	82.5	84.0	85.1	86.1	86.7	86.7	87.0	87.2	87.2	87.6	87.8	87.8	88.1	88.1	88.4	89.2
IV 3000	83.8	85.4	86.6	87.6	88.2	88.2	88.5	88.7	88.7	89.1	89.3	89.3	89.6	89.6	89.9	90.7
IV 2500	84.4	86.5	87.8	88.8	89.4	89.5	89.8	90.0	90.0	90.4	90.6	90.6	90.9	90.9	91.2	92.0
IV 2000	85.5	87.1	88.4	89.4	90.0	90.1	90.4	90.6	90.6	91.0	91.2	91.2	91.5	91.5	91.8	92.6
IV 1800	86.3	88.2	89.5	90.6	91.2	91.2	91.6	91.7	91.7	92.2	92.4	92.4	92.7	92.7	93.0	93.8
IV 1600	87.6	89.5	90.9	92.0	92.6	92.7	93.0	93.2	93.2	93.7	93.8	93.9	94.2	94.2	94.5	95.2
IV 1400	88.3	90.4	91.9	93.0	93.7	93.7	94.1	94.3	94.3	94.7	94.9	94.9	95.2	95.2	95.5	96.3
IV 1200	88.8	91.0	92.5	93.7	94.4	94.4	94.9	95.0	95.0	95.5	95.7	95.7	96.0	96.0	96.3	97.1
IV 1000	89.1	91.5	93.1	94.3	95.1	95.1	95.6	95.7	95.8	96.3	96.4	96.4	96.7	96.7	97.1	97.8
IV 900	89.3	91.7	93.4	94.7	95.4	95.5	95.9	96.1	96.2	96.7	96.8	96.9	97.2	97.2	97.5	98.3
IV 800	89.7	92.1	93.8	95.1	95.8	95.9	96.4	96.6	96.6	97.1	97.3	97.3	97.6	97.6	97.9	98.7
IV 700	89.9	92.4	94.2	95.6	96.5	96.5	97.0	97.2	97.2	97.8	98.0	98.0	98.3	98.3	98.7	99.4
IV 600	90.0	92.5	94.3	95.6	96.6	96.6	97.1	97.3	97.3	97.9	98.1	98.1	98.4	98.4	98.8	99.6
IV 500	90.0	92.5	94.3	95.7	96.6	96.7	97.1	97.3	97.4	97.9	98.1	98.1	98.5	98.5	98.9	99.8
IV 400	90.0	92.5	94.3	95.7	96.6	96.7	97.1	97.3	97.4	97.9	98.1	98.1	98.5	98.5	98.9	99.9
IV 300	90.0	92.5	94.3	95.7	96.6	96.7	97.1	97.3	97.4	97.9	98.1	98.1	98.5	98.5	98.9	100.0
IV 200	90.0	92.5	94.3	95.7	96.6	96.7	97.1	97.3	97.4	97.9	98.1	98.1	98.5	98.5	98.9	100.0
IV 100	90.0	92.5	94.3	95.7	96.6	96.7	97.1	97.3	97.4	97.9	98.1	98.1	98.5	98.5	98.9	100.0
IV 0	90.0	92.5	94.3	95.7	96.6	96.7	97.1	97.3	97.4	97.9	98.1	98.1	98.5	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PROCESSING DIVISION
USAF ETAC
AIR FATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION NO. 25210 STATION NAME FORT WILSON BC/USMC DIST ART 37-66 YEARS 1 MONTH 11

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	43.8	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	45.3	45.4	45.7	45.4
IV 20000	43.8	43.9	43.1	43.1	43.2	43.2	43.3	43.3	43.3	43.5	43.7	43.7	43.2	43.4	43.7	43.5
IV 18000	43.7	43.0	43.2	43.2	43.3	43.3	43.4	43.4	43.4	43.6	43.6	43.7	43.8	43.8	43.9	43.6
IV 16000	43.8	43.3	43.3	43.5	43.6	43.6	43.7	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9
IV 14000	40.7	41.0	41.2	41.3	41.3	41.3	41.4	41.4	41.5	41.7	41.9	41.9	42.5	42.6	42.9	42.7
IV 12000	44.0	44.5	45.1	45.2	45.3	45.3	45.4	45.4	45.4	45.7	45.9	45.9	46.5	46.6	47.0	46.8
IV 10000	41.1	41.4	41.6	41.7	41.8	41.8	41.9	42.0	42.0	42.3	42.5	42.5	43.2	43.4	43.8	43.6
IV 9000	43.9	44.3	44.5	44.6	44.7	44.7	44.8	44.9	44.9	45.3	45.5	45.5	46.2	46.4	46.8	46.7
IV 8000	47.4	47.8	48.1	48.1	48.3	48.3	48.4	48.5	48.5	48.9	49.1	49.1	49.9	50.0	50.5	50.5
IV 7000	70.5	70.9	71.1	71.2	71.4	71.4	71.5	71.6	71.7	72.0	72.3	72.3	73.1	73.2	73.7	74.8
IV 6000	71.3	71.7	72.0	72.0	72.2	72.2	72.3	72.5	72.5	72.9	73.1	73.1	73.9	74.1	74.6	75.6
IV 5000	73.3	73.8	74.0	74.1	74.2	74.2	74.4	74.5	74.6	74.9	75.2	75.2	76.0	76.1	76.6	77.7
IV 4500	74.4	74.9	75.1	75.2	75.3	75.3	75.5	75.6	75.7	76.0	76.3	76.3	77.1	77.2	77.8	78.8
IV 4000	75.5	76.0	76.3	76.3	76.5	76.5	76.7	76.8	76.9	77.3	77.5	77.5	78.3	79.4	79.0	80.0
IV 3500	76.7	77.2	77.5	77.6	77.6	77.8	78.0	78.1	78.2	78.5	78.8	78.8	79.6	79.8	80.3	81.3
IV 3000	78.0	78.6	78.9	79.0	79.2	79.2	79.4	79.5	79.6	80.0	80.2	80.2	81.1	81.2	81.8	82.8
IV 2500	79.8	80.4	80.8	80.8	81.1	81.1	81.3	81.4	81.5	81.8	82.1	82.1	83.0	83.1	83.7	84.8
IV 2000	81.8	82.5	82.9	83.0	83.3	83.3	83.5	83.6	83.7	84.1	84.3	84.3	85.2	85.3	85.9	87.0
IV 1800	83.0	83.7	84.0	84.2	84.4	84.4	84.7	84.9	84.9	85.3	85.6	85.6	86.4	86.6	87.2	88.3
IV 1500	84.2	85.0	85.4	85.5	85.8	85.8	86.1	86.3	86.4	86.8	87.1	87.1	87.9	88.1	88.7	89.8
IV 1200	86.0	87.1	87.5	87.9	88.2	88.3	88.5	88.8	88.8	89.3	89.7	89.7	90.6	90.7	91.3	92.4
IV 1000	87.0	88.2	88.8	89.1	89.6	89.7	90.0	90.3	90.3	90.8	91.2	91.2	92.1	92.3	92.8	93.9
IV 900	87.5	88.8	89.4	89.7	90.3	90.3	90.6	90.9	91.0	91.4	91.9	91.9	92.8	93.0	93.5	94.6
IV 800	87.8	89.1	89.8	90.2	90.8	90.9	91.2	91.5	91.6	92.0	92.5	92.5	93.4	93.6	94.2	95.2
IV 700	88.5	89.8	90.6	91.0	91.7	91.8	92.1	92.3	92.5	93.1	93.5	93.6	94.5	94.6	95.2	96.3
IV 600	88.8	90.4	91.3	91.7	92.6	92.6	93.0	93.4	93.5	94.0	94.5	94.5	95.4	95.6	96.2	97.3
IV 500	91.1	90.8	91.7	92.2	93.1	93.2	93.6	94.0	94.1	94.6	95.1	95.2	96.1	96.3	96.8	97.9
IV 400	90.2	90.9	91.8	92.4	93.4	93.5	94.0	94.5	94.6	95.2	95.7	95.7	96.8	96.9	97.6	98.7
IV 300	91.3	91.1	92.0	92.6	93.7	93.8	94.4	94.9	95.0	95.6	96.2	96.2	97.3	97.5	98.2	99.3
IV 200	91.3	91.1	92.0	92.6	93.8	93.9	94.5	95.0	95.1	95.7	96.3	96.3	97.4	97.6	98.4	99.6
IV 100	91.3	91.1	92.0	92.6	93.8	93.9	94.5	95.0	95.1	95.8	96.4	96.4	97.5	97.7	98.6	99.8
IV 0	91.3	91.1	92.0	92.6	93.8	93.9	94.5	95.0	95.1	95.8	96.4	96.4	97.5	97.7	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

AIR DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

STATION: FOOT HILLSON BC/NUK-7 DIST APT YEARS: 57-60 MONTH: CT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOUS (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .2		
NO CEILING	45.1	45.2	45.3	45.3	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.5	45.5	45.7	45.7	45.0	46.0
IV 20000	51.8	51.9	51.9	52.0	52.0	52.0	52.0	52.1	52.1	52.2	52.2	52.2	52.3	52.3	52.5	52.7	52.9
IV 18000	51.9	52.1	52.1	52.2	52.2	52.2	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.7	52.7	52.9	53.1
IV 16000	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.9	52.9	53.0	53.0	53.0	53.1	53.3	53.3	53.2	53.7
IV 14000	54.7	54.8	54.9	54.9	55.0	55.0	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.5	55.5	55.7	55.9
IV 12000	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	59.0	59.1	59.1	59.3	59.4	59.6	59.9
IV 10000	64.1	64.3	64.4	64.4	64.5	64.5	64.6	64.6	64.6	64.7	64.8	64.8	64.7	65.1	65.1	65.4	65.6
IV 9000	67.8	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.4	68.5	68.5	68.5	68.8	68.8	69.1	69.3
IV 8000	71.7	71.8	72.0	72.0	72.1	72.1	72.2	72.3	72.3	72.4	72.4	72.5	72.7	72.7	73.0	73.2	73.2
IV 7000	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.3	75.3	75.3	75.8	75.8
IV 6000	76.7	76.8	77.0	77.1	77.2	77.3	77.5	77.6	77.6	77.7	77.8	77.8	78.1	78.1	78.4	78.6	78.6
IV 5000	78.4	78.7	78.9	79.0	79.2	79.2	79.5	79.6	79.6	79.7	79.8	79.8	80.1	80.1	80.2	80.7	80.7
IV 4500	79.2	79.6	79.9	80.0	80.3	80.3	80.6	80.7	80.7	80.8	80.9	80.9	81.2	81.3	81.5	81.7	81.7
IV 4000	80.2	80.5	80.8	81.0	81.3	81.3	81.9	81.8	81.8	81.9	82.0	82.0	82.3	82.4	82.6	82.8	82.8
IV 3500	81.4	81.7	82.0	82.2	82.5	82.6	82.9	83.1	83.1	83.3	83.5	83.5	83.8	83.9	84.1	84.4	84.4
IV 3000	82.0	83.1	83.5	83.6	84.1	84.1	84.9	84.9	84.9	85.2	85.4	85.4	85.7	85.8	86.0	86.3	86.3
IV 2500	83.2	83.8	84.1	84.3	84.7	84.8	85.2	85.6	85.6	85.9	86.2	86.2	86.5	86.6	86.8	87.1	87.1
IV 2000	84.5	85.2	85.6	85.8	86.4	86.4	86.9	87.4	87.4	87.8	88.2	88.3	88.5	88.6	88.9	89.1	89.1
IV 1800	86.0	86.9	87.3	87.6	88.1	88.2	88.8	89.4	89.4	89.9	90.5	90.5	90.8	90.9	91.1	91.4	91.4
IV 1500	87.2	88.1	88.6	88.9	89.5	89.5	90.2	90.8	90.8	91.4	92.2	92.3	92.6	92.6	92.9	93.2	93.2
IV 1200	87.5	88.5	89.1	89.4	90.1	90.1	90.8	91.4	91.4	92.0	92.9	93.1	93.5	94.5	93.5	94.1	94.1
IV 1000	87.9	88.9	89.6	89.9	90.6	90.7	91.4	92.0	92.0	92.7	93.7	93.8	94.3	94.4	94.7	95.0	95.0
IV 900	88.3	89.4	90.0	90.4	91.2	91.3	92.0	92.7	92.7	93.3	94.4	94.5	95.0	95.1	95.4	95.7	95.7
IV 800	88.9	90.0	90.7	91.2	92.0	92.1	92.8	93.5	93.5	94.2	95.3	95.5	96.1	96.2	96.5	96.7	96.7
IV 700	89.3	90.5	91.3	91.7	92.7	92.7	93.6	94.4	94.4	95.0	96.2	96.4	97.1	97.2	97.5	97.8	97.8
IV 600	89.6	90.8	91.6	92.1	93.0	93.1	94.0	94.8	94.8	95.4	96.7	96.8	97.6	97.8	98.1	98.3	98.3
IV 500	89.7	91.0	91.8	92.3	93.2	93.3	94.3	95.1	95.1	95.8	97.0	97.2	98.1	98.3	98.6	98.9	98.9
IV 400	89.7	91.0	91.8	92.3	93.3	93.4	94.4	95.1	95.1	95.9	97.2	97.4	98.5	98.7	99.1	99.4	99.4
IV 300	89.7	91.0	91.8	92.3	93.3	93.4	94.4	95.1	95.2	96.0	97.3	97.5	98.6	98.9	99.3	99.8	99.8
IV 200	89.7	91.0	91.8	92.3	93.3	93.4	94.4	95.1	95.2	96.0	97.3	97.5	98.6	98.9	99.3	99.8	99.8
IV 100	89.7	91.0	91.8	92.3	93.3	93.4	94.4	95.1	95.2	96.0	97.3	97.5	98.6	98.9	99.3	99.8	99.8
IV 0	89.7	91.0	91.8	92.3	93.3	93.4	94.4	95.1	95.2	96.0	97.3	97.5	98.6	98.9	99.3	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 7440

ATA PROCESSING DIVISION
 USAF ETAC
 11-11-57 (OL 1)

CEILING VERSUS VISIBILITY

STATION NAME: WRIGHT FIELD, OHIO / WRIGHT FIELD, OHIO YEAR: 1966 MONTH: 11

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 ≥ 25000	42.0	42.2	42.6	42.5	42.7	42.7	42.8	42.9	42.9	42.9	43.2	43.1	43.3	43.4	43.4	43.4
IV 18000 16000	45.0	45.0	46.4	46.4	46.4	46.4	46.5	46.6	46.6	46.6	46.6	46.6	46.9	46.9	47.1	47.2
IV 14000 12000	47.3	47.7	48.0	48.1	48.2	48.2	48.3	48.4	48.4	48.5	48.7	48.7	48.9	48.9	48.9	48.9
IV 10000 9000	50.5	50.1	50.5	50.7	50.6	50.9	51.1	51.2	51.2	51.2	51.4	51.4	51.6	51.6	51.6	51.6
IV 8000 7000	53.1	54.1	54.7	55.1	55.5	55.6	55.8	56.0	56.0	56.1	56.3	56.3	56.6	56.6	56.6	56.6
IV 6000 5000	57.1	57.7	58.4	58.1	58.8	58.8	59.1	59.3	59.3	59.4	59.7	59.7	60.0	60.0	60.0	60.0
IV 4500 4000	59.5	61.4	62.4	63.2	64.1	64.3	64.7	64.9	64.9	65.1	65.3	65.3	65.6	65.6	65.6	65.6
IV 3500 3000	71.9	73.5	75.0	76.1	77.3	77.4	77.9	78.2	78.2	78.4	78.7	78.7	78.9	78.9	78.9	78.9
IV 2500 2000	73.0	75.7	77.1	78.3	79.9	80.2	80.8	81.5	81.5	81.8	82.1	82.1	82.4	82.4	82.4	82.4
IV 1800 1500	74.5	77.4	78.9	80.2	82.0	82.3	83.3	84.3	84.3	84.3	85.0	85.7	85.7	86.0	86.0	86.0
IV 1200 1000	77.0	80.1	81.7	83.2	85.2	85.5	86.7	87.9	87.9	88.9	89.8	89.9	90.3	90.3	90.3	90.3
IV 900 800	79.2	82.3	84.0	85.7	87.8	88.1	89.4	90.6	90.7	91.9	93.0	93.1	93.5	93.6	93.6	93.6
IV 700 600	80.7	84.1	85.8	87.5	89.7	90.0	91.3	92.6	92.7	93.8	95.1	95.2	95.7	95.7	95.7	95.7
IV 500 400	81.4	84.9	86.6	88.3	90.2	90.9	92.4	93.4	93.9	94.7	95.9	96.1	96.6	96.6	96.6	96.6
IV 300 200	82.3	86.2	88.1	90.0	92.3	92.7	94.0	95.3	95.4	96.7	98.1	98.3	98.9	98.9	98.9	98.9
IV 100 0	82.6	86.3	88.2	90.2	92.5	92.9	94.3	95.6	95.7	97.1	98.5	98.5	99.3	99.4	99.4	99.4
	82.6	86.3	88.3	90.2	92.6	93.0	94.4	95.7	95.8	97.3	98.8	98.8	99.6	99.7	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS: 7200

DATA PROCESSING DIVISION
 USAF ETAC
 AIRCRAFT SERVICE/TAC

CEILING VERSUS VISIBILITY

STATION PORT WILSON AFB, MISSISSIPPI ICAO 5766 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.0	45.8	45.2	45.8	45.7	45.9	45.9	45.9
IV 25000	44.1	44.5	44.9	45.2	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5
IV 18000	46.1	46.5	46.9	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5
IV 16000	46.4	46.9	47.4	47.6	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.9	47.9	47.9
IV 14000	49.7	50.3	50.8	51.0	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3
IV 12000	53.1	53.7	54.2	54.4	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 10000	57.9	58.6	59.3	59.5	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0
IV 9000	61.8	62.6	63.0	63.9	64.4	64.4	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.7	64.7
IV 8000	66.1	67.3	68.5	68.8	69.2	69.3	69.6	69.7	69.7	69.8	69.8	69.8	69.9	69.9	69.9
IV 7000	70.9	71.7	73.1	73.6	74.1	74.3	74.7	74.7	74.8	74.9	74.9	75.0	75.0	75.1	75.1
IV 6000	73.2	74.7	76.8	77.3	77.9	78.2	78.5	78.7	78.7	78.8	78.8	78.8	78.9	78.9	79.0
IV 5000	73.2	75.2	76.8	77.3	77.9	78.2	78.5	78.7	78.7	78.8	78.8	78.8	78.9	78.9	79.0
IV 4500	74.0	75.1	77.7	78.3	79.0	79.3	79.7	79.9	79.9	80.0	80.0	80.0	80.1	80.1	80.2
IV 4000	75.4	77.4	79.5	80.3	81.0	81.4	81.9	82.1	82.1	82.2	82.3	82.3	82.4	82.4	82.4
IV 3500	76.4	79.0	80.8	81.6	82.4	82.8	83.3	83.6	83.6	83.7	83.9	83.9	84.0	84.0	84.0
IV 3000	77.4	80.0	81.9	82.8	83.6	84.2	84.9	85.2	85.2	85.3	85.4	85.5	85.7	85.7	85.8
IV 2500	78.3	81.2	83.3	84.2	85.0	85.9	86.7	87.2	87.2	87.2	87.2	87.2	87.8	87.8	87.8
IV 2000	79.3	82.3	84.4	85.5	87.1	87.5	88.4	89.1	89.1	89.6	89.9	89.9	90.0	90.0	90.0
IV 1800	79.4	82.5	84.8	85.9	87.4	87.8	88.8	89.5	89.5	90.1	90.4	90.4	90.5	90.5	90.5
IV 1500	80.4	83.5	85.8	86.9	88.6	89.1	90.1	90.9	90.9	91.9	92.3	92.4	92.4	92.4	92.5
IV 1200	81.3	84.6	86.9	88.1	89.9	90.3	91.4	92.2	92.3	93.4	94.0	94.0	94.1	94.2	94.2
IV 1000	82.3	85.6	87.9	89.1	91.0	91.5	92.6	93.5	93.5	94.7	95.3	95.3	95.7	95.7	95.7
IV 900	83.0	86.3	88.7	89.9	91.7	92.2	93.4	94.3	94.3	95.6	96.4	96.5	96.6	96.6	96.7
IV 800	83.3	86.6	89.2	90.4	92.2	92.7	94.0	94.9	95.0	96.3	97.1	97.2	97.3	97.3	97.4
IV 700	83.7	87.1	89.7	91.0	92.8	93.3	94.5	95.5	95.5	96.8	97.7	97.7	98.0	98.0	98.0
IV 600	84.1	87.6	90.2	91.5	93.3	93.8	95.1	96.0	96.0	97.3	98.2	98.3	98.6	98.6	98.6
IV 500	84.4	87.9	90.5	91.8	93.4	94.2	95.5	96.4	96.5	97.8	98.7	98.7	99.1	99.1	99.1
IV 400	84.9	88.0	90.6	92.0	94.0	94.4	95.7	96.7	96.7	98.0	99.0	99.1	99.4	99.4	99.4
IV 300	84.7	88.1	90.8	92.2	94.1	94.6	95.9	96.9	96.9	98.3	99.3	99.4	99.7	99.7	99.7
IV 200	84.7	88.1	90.9	92.3	94.2	94.7	96.0	97.0	97.0	98.4	99.4	99.5	99.8	99.9	99.9
IV 100	84.7	88.1	90.9	92.3	94.2	94.7	96.0	97.0	97.0	98.4	99.4	99.5	99.9	99.9	99.9
IV 0	84.7	88.1	90.9	92.3	94.2	94.7	96.0	97.0	97.0	98.4	99.4	99.5	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 144

ATA PROVISION DIVISION
 USAF ETAC
 15 HEAT BY THE VICE/

CEILING VERSUS VISIBILITY

STATION: 2521 PORT NELSON, NZ/MSKWA INT APT 27-66 YEARS: _____ MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
 MONTH: _____

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .5	≥ .5	≥ .5	≥ 0
NO CEILING ≥ 2000	52.3	53.0	53.4	54.0	54.3	54.3	54.5	54.8	54.8	55.2	55.3	55.3	55.3	55.3	55.3	55.3
18000 16000	54.5	55.5	55.4	56.7	57.3	57.0	57.2	57.5	57.5	57.8	58.0	58.0	58.0	58.0	58.0	58.0
14200 12000	55.2	56.1	56.6	57.3	57.6	57.6	57.8	58.2	58.2	58.5	58.6	58.6	58.6	58.6	58.6	58.6
10000 9000	61.4	62.4	63.1	63.9	64.3	64.3	64.5	64.8	64.8	65.2	65.3	65.3	65.3	65.3	65.3	65.3
8000 7000	66.9	69.8	69.6	70.9	71.4	71.4	71.7	72.0	72.0	72.4	72.5	72.5	72.5	72.5	72.5	72.5
6000 5000	72.4	74.7	75.6	77.0	77.8	77.8	78.2	78.5	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9
4500 4500	74.3	77.3	78.2	80.0	81.1	81.1	81.4	81.7	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.2
3500 3000	76.0	79.2	80.8	82.6	83.9	83.9	84.3	84.6	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1
2500 2000	78.4	81.7	83.7	85.2	85.2	85.0	85.9	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
1800 1500	80.5	84.1	85.2	86.6	86.7	86.7	87.4	87.7	87.7	88.1	88.2	88.2	88.2	88.2	88.2	88.2
1200 1000	81.0	85.1	87.3	89.2	92.2	92.6	94.1	94.6	94.6	95.1	95.4	95.4	95.4	95.4	95.4	95.4
900 800	81.2	85.2	87.5	90.1	92.4	92.7	94.3	94.9	94.9	95.7	96.8	96.8	96.8	96.8	96.8	96.8
700 600	81.3	85.4	87.6	90.2	92.5	92.9	94.4	95.1	95.1	96.9	98.2	98.3	98.3	98.3	98.3	98.3
500 400	81.5	85.6	87.8	90.4	92.7	93.1	94.0	95.4	95.4	97.1	98.5	98.4	98.4	98.4	98.4	98.4
300 200	81.9	86.0	88.3	90.9	93.1	93.5	95.1	95.8	95.8	97.5	98.9	99.0	99.0	99.0	99.0	99.0
100 0	81.9	86.0	88.3	90.9	93.1	93.5	95.1	95.8	95.8	97.5	98.9	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS: 910

DATA PROCESSING DIVISION
 USAF ETAC
 1111 FORT BELLEVILLE AVENUE
 ST. LOUIS, MISSOURI 63103

CEILING VERSUS VISIBILITY

STATION: 1111 FORT BELLEVILLE AVENUE, ST. LOUIS, MO YEAR: 1966
 MONTH: 05
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)
 FORM NO. 0-14-5(OL 1)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
20000	59.5	57.2	51.1	51.3	52.1	52.2	52.2	52.2	52.3	52.5	52.6	52.6	52.6	52.6	52.6	52.6
18000	1.1	51.9	53.0	53.2	54.0	54.1	54.1	54.1	54.2	54.5	54.6	54.6	54.6	54.6	54.6	54.6
16000	1.2	22.2	53.1	54.3	54.1	54.2	54.2	54.2	54.3	54.5	54.7	54.7	54.7	54.7	54.7	54.7
14000	21.5	52.4	53.4	53.7	54.4	54.5	54.5	54.5	54.6	54.9	55.1	55.1	55.1	55.1	55.1	55.1
12000	24.8	55.5	56.0	56.3	57.0	57.7	57.7	57.7	57.8	58.2	58.3	58.3	58.3	58.3	58.3	58.3
10000	49.2	60.4	61.7	61.7	63.0	63.1	63.2	63.2	63.3	63.7	63.9	63.9	63.9	63.9	63.9	63.9
9000	51.2	63.1	64.4	64.6	65.9	65.9	66.2	66.2	66.3	66.7	66.8	66.8	66.8	66.8	66.8	66.8
8000	60.7	67.2	64.5	69.9	70.1	70.2	70.5	70.5	70.6	71.0	71.1	71.1	71.2	71.2	71.2	71.2
7000	72.2	71.2	72.7	73.1	74.4	74.5	74.8	74.8	74.9	75.3	75.4	75.4	75.5	75.5	75.5	75.5
6000	70.3	72.4	73.9	74.3	75.6	75.7	76.0	76.0	76.1	76.5	76.6	76.6	76.6	76.7	76.7	76.7
5000	73.0	73.3	77.0	77.5	78.8	78.9	79.2	79.2	79.3	79.7	79.9	79.9	80.0	80.0	80.0	80.0
4000	74.1	74.5	76.2	78.8	80.2	80.2	80.9	80.9	81.0	81.3	81.4	81.4	81.5	81.5	81.5	81.5
3500	72.8	78.2	80.3	81.2	82.7	82.8	83.1	83.3	83.4	83.8	83.9	83.9	84.0	84.0	84.0	84.0
3000	76.4	79.6	81.7	82.7	84.2	84.3	84.9	84.8	84.9	85.3	85.4	85.4	85.5	85.5	85.5	85.5
2500	77.2	80.1	82.5	82.7	83.5	83.6	83.9	84.0	84.2	84.6	84.7	84.7	84.8	84.8	84.8	84.8
2000	80.4	83.7	86.2	87.0	89.0	89.2	90.2	91.3	91.4	91.9	92.4	92.6	92.7	92.7	92.7	92.7
1800	83.0	83.9	86.5	88.1	90.2	90.6	91.7	92.6	92.7	93.1	93.3	93.3	93.4	93.4	93.4	93.4
1500	81.0	84.8	87.5	89.2	91.4	92.0	93.1	94.2	94.3	95.3	95.5	95.5	95.6	95.6	95.6	95.6
1000	82.6	85.2	89.0	90.8	92.9	93.5	94.6	95.7	95.8	96.8	97.2	97.3	97.4	97.4	97.4	97.4
800	83.2	87.2	89.8	91.5	93.7	94.4	95.4	96.5	96.6	97.5	98.1	98.2	98.3	98.3	98.3	98.3
700	83.7	87.2	90.0	91.7	93.9	94.5	95.0	96.7	96.8	97.7	98.3	98.4	98.6	98.6	98.6	98.6
600	83.8	87.6	91.2	91.9	94.1	94.7	95.8	96.9	97.0	98.1	98.7	98.8	98.9	98.9	98.9	98.9
500	83.8	87.6	91.2	91.9	94.1	94.7	95.8	96.9	97.0	98.1	98.7	98.8	98.9	98.9	98.9	98.9
400	83.8	87.6	91.2	91.9	94.1	94.7	95.8	96.9	97.0	98.1	98.7	98.8	98.9	98.9	98.9	98.9
300	84.1	87.7	90.5	92.3	94.4	95.1	96.1	97.2	97.3	98.4	99.1	99.2	99.6	99.6	99.6	99.6
200	84.1	87.7	90.5	92.3	94.4	95.1	96.1	97.2	97.3	98.4	99.1	99.2	99.6	99.6	99.6	99.6
100	84.1	87.7	90.5	92.3	94.4	95.1	96.1	97.2	97.3	98.4	99.1	99.2	99.6	99.6	99.6	99.6
0	84.1	87.7	90.5	92.3	94.4	95.1	96.1	97.2	97.3	98.4	99.1	99.2	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 730

ATA PROGRESSIVE DIVISION
 WASHINGTON
 DISTRICT OF COLUMBIA

CEILING VERSUS VISIBILITY

STATION WRIGHT FIELD AFB OHIO 17-66 YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .5	≥ .25			
NO CEILING	43.7	43.2	40.0	46.0	46.7	46.7	46.9	46.9	46.9	46.9	47.0	47.0	47.1	47.1	47.1	47.2
IV 2000	43.7	47.2	40.1	44.5	48.0	43.9	48.9	48.9	48.9	48.9	49.0	49.0	49.1	49.1	49.1	49.2
IV 1800	45.7	47.2	48.1	48.6	48.8	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.1	49.1	49.1	49.2
IV 1600	40.0	47.5	46.4	48.9	49.1	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.5	49.5	49.5	49.6
IV 1400	46.9	48.4	49.2	47.8	50.0	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.3	50.3	50.3	50.4
IV 1200	50.1	51.6	52.5	53.0	53.0	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.5	53.5	53.5	53.7
IV 1000	55.9	57.5	58.7	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.9	59.9	60.0	60.0	60.0	60.1
IV 900	60.3	61.9	63.1	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.5	64.5	64.5	64.6
IV 800	62.7	64.3	65.7	66.6	66.8	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.1	67.1	67.1	67.2
IV 700	66.6	68.6	70.0	71.1	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.7	71.7	71.8	71.8	71.9
IV 600	67.0	70.2	71.6	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.3	73.4	73.4	73.4	73.5
IV 500	70.0	73.9	75.2	76.2	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.1	77.1	77.2	77.2	77.3
IV 450	72.2	75.2	76.9	78.0	78.5	78.7	78.8	78.8	78.8	78.8	78.9	79.0	79.0	79.1	79.1	79.2
IV 400	74.1	77.2	79.0	80.2	80.9	81.1	81.2	81.2	81.2	81.4	81.5	81.5	81.6	81.6	81.6	81.7
IV 350	75.7	78.9	81.0	82.2	82.9	83.1	83.4	83.7	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.1
IV 300	76.7	80.3	82.5	83.7	84.7	84.9	85.3	85.5	85.5	85.6	85.8	85.8	85.9	85.9	85.9	86.0
IV 250	77.5	81.5	83.8	85.1	86.2	86.5	86.9	87.4	87.5	87.6	87.8	87.8	88.0	88.0	88.0	88.1
IV 200	79.7	84.6	86.5	87.7	88.9	89.1	89.6	90.4	90.5	90.6	91.0	91.0	91.1	91.1	91.1	91.2
IV 1800	79.9	84.3	87.0	88.4	89.6	89.8	90.4	91.4	91.5	91.6	92.0	92.0	92.2	92.2	92.2	92.3
IV 1500	80.6	85.1	88.0	89.6	90.9	91.1	91.8	93.1	93.2	93.7	94.2	94.2	94.3	94.3	94.3	94.4
IV 1200	81.7	86.1	89.0	90.8	92.0	92.3	93.0	94.4	94.5	94.9	95.9	95.9	96.0	96.0	96.0	96.1
IV 1000	82.8	87.2	90.1	91.9	93.1	93.3	94.1	95.5	95.7	95.8	96.5	96.5	97.5	97.5	97.6	97.7
IV 900	83.0	87.4	90.3	92.0	93.3	93.5	94.3	95.7	95.8	96.8	97.8	97.8	98.0	98.0	98.0	98.1
IV 800	83.2	87.6	90.0	92.5	93.6	94.0	94.7	96.1	96.2	97.2	98.4	98.4	98.7	98.7	98.8	98.9
IV 700	83.4	87.8	90.9	92.7	94.0	94.2	94.9	96.3	96.5	97.4	98.6	98.6	98.9	98.9	98.9	99.1
IV 600	83.5	88.0	91.0	92.8	94.1	94.3	95.1	96.5	96.6	97.5	98.7	98.7	99.0	99.0	99.1	99.2
IV 500	83.7	88.1	91.1	92.9	94.2	94.4	95.2	96.6	96.7	97.6	98.8	98.8	99.1	99.1	99.2	99.4
IV 400	83.8	88.2	91.2	93.0	94.3	94.5	95.3	96.7	96.8	97.7	98.9	98.9	99.2	99.2	99.4	99.5
IV 300	83.8	88.2	91.2	93.0	94.3	94.5	95.3	96.7	96.8	97.7	98.9	98.9	99.2	99.2	99.4	99.5
IV 200	83.8	88.2	91.2	93.0	94.3	94.5	95.3	96.7	96.8	97.7	98.9	98.9	99.2	99.2	99.4	99.5
IV 100	83.8	88.2	91.2	93.0	94.3	94.5	95.3	96.7	96.8	97.7	98.9	98.9	99.2	99.2	99.4	99.5
IV 0	83.8	88.2	91.2	93.0	94.3	94.5	95.3	96.7	96.8	97.7	98.9	98.9	99.2	99.2	99.4	99.5

TOTAL NUMBER OF OBSERVATIONS 310

DATA FOR CEILING VISIBILITY
 SAF ETAC
 INSTRUMENT SERVICE/AC

CEILING VERSUS VISIBILITY

STATION NAME: PORT WILSON / USMC BUI APT YEARS: 27-66 MONTH: ALL
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) MONTH: 01-01-66

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .4	≥ 0	
20000	42.2	43.2	43.5	44.4	44.9	44.9	45.2	45.6	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5
18000	45.9	46.7	47.2	47.8	48.4	48.4	48.7	48.7	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.0
16000	46.9	47.0	47.5	48.2	48.7	48.7	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.4
14000	48.9	49.0	48.5	49.1	49.7	49.7	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3
12000	50.0	51.0	52.4	53.1	53.7	53.7	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3
10000	55.5	55.7	57.2	58.3	58.8	58.8	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.6	59.6	59.6
9000	60.1	61.8	62.5	63.7	64.2	64.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.9	64.9	64.9
8000	65.1	65.9	68.1	69.5	70.1	70.1	70.6	70.9	70.9	70.9	70.9	70.9	70.9	71.1	71.1	71.1
7000	67.7	69.7	71.3	72.0	73.4	73.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.8	74.8	74.8
6000	70.3	70.4	72.0	73.5	74.6	74.6	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6
5000	70.3	72.7	74.4	76.1	77.6	77.6	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.7	78.7	78.7
4500	71.6	74.1	75.6	77.5	79.0	79.0	79.6	79.8	79.8	79.8	79.8	79.8	79.8	80.1	80.1	80.1
4000	74.1	75.7	78.7	80.4	82.2	82.2	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.8	83.8	83.8
3500	75.1	77.7	79.9	81.9	83.8	83.8	84.5	84.8	84.8	84.8	84.8	84.8	84.8	85.7	85.7	85.7
3000	75.8	78.7	81.0	83.0	85.2	85.2	85.7	86.0	86.0	86.0	86.0	86.0	86.0	87.3	87.3	87.3
2500	76.9	80.1	82.4	84.6	86.9	86.9	87.0	87.8	88.8	88.8	88.8	88.8	88.8	89.4	89.4	89.4
2000	78.0	81.5	83.8	86.0	88.3	88.4	89.0	90.9	91.0	91.5	91.7	91.7	91.7	91.9	91.9	91.9
1800	78.1	81.6	84.0	86.2	88.0	88.7	89.9	91.2	91.3	91.8	92.3	92.3	92.5	92.5	92.5	92.5
1500	78.2	82.2	84.2	86.8	89.5	89.6	91.1	92.5	92.6	94.2	94.7	94.7	94.9	94.9	94.9	94.9
1200	79.7	83.4	85.8	88.1	90.9	91.0	92.0	94.0	94.1	95.7	96.3	96.3	96.6	96.6	96.6	96.6
1000	80.6	84.0	86.3	88.6	91.4	91.5	92.1	94.5	94.6	96.3	97.2	97.2	97.6	97.6	97.6	97.6
900	80.3	84.1	86.5	88.7	91.5	91.6	93.2	94.6	94.7	96.5	97.3	97.3	97.7	97.7	97.7	97.7
800	80.8	84.5	87.0	89.2	92.3	92.4	94.1	95.5	95.6	97.3	98.2	98.2	98.6	98.6	98.6	98.6
700	81.2	85.1	87.5	89.8	92.8	92.9	94.6	96.0	96.1	97.8	98.8	98.8	99.2	99.2	99.2	99.2
600	81.4	85.3	87.7	90.0	93.0	93.1	94.8	96.2	96.3	98.1	99.0	99.0	99.5	99.5	99.5	99.5
500	81.4	85.3	87.7	90.0	93.0	93.1	94.8	96.2	96.3	98.1	99.0	99.0	99.5	99.5	99.5	99.5
400	81.4	85.3	87.7	90.0	93.0	93.1	94.8	96.2	96.3	98.1	99.0	99.0	99.5	99.5	99.5	99.5
300	81.4	85.3	87.7	90.0	93.0	93.1	94.8	96.2	96.3	98.1	99.0	99.0	99.5	99.5	99.5	99.5
200	81.4	85.3	87.7	90.0	93.0	93.1	94.8	96.2	96.3	98.1	99.0	99.0	99.5	99.5	99.5	99.5
100	81.4	85.3	87.7	90.0	93.0	93.1	94.8	96.2	96.3	98.1	99.0	99.0	99.5	99.5	99.5	99.5
0	81.4	85.3	87.7	90.0	93.0	93.1	94.8	96.2	96.3	97.1	99.0	99.0	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 910

2

DATA PREPARED BY DIVISION OF
USAF ETAC
IN HEADQUARTERS, WASHINGTON

CEILING VERSUS VISIBILITY

STATION NO. 1501 NAME WASH DC/USAF CITY WASH DC STATE DC YEAR 1966 MONTH 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LT. 1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .58	≥ .5	≥ .516	≥ .5	≥ 0
NO CEILING	53.7	45.7	41.2	47.3	47.1	47.3	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5
≥ 2100	52.4	52.0	52.6	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9
IVM 18000	51.0	52.2	52.7	52.8	52.6	52.8	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0
IVM 16000	51.2	52.9	52.9	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2
IVM 14000	52.0	53.8	54.3	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6
IVM 12000	57.1	53.6	53.9	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4
IVM 10000	62.8	64.2	64.7	64.9	64.9	64.9	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3
IVM 9000	66.1	67.6	68.2	68.4	68.4	68.4	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7
IVM 8000	70.6	72.4	73.0	73.3	73.4	73.4	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
IVM 7000	72.6	74.3	75.2	75.7	76.1	76.2	76.5	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8
IVM 6000	73.9	75.6	76.5	77.0	77.4	77.5	77.7	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
IVM 5000	74.9	76.7	77.6	78.2	78.6	78.7	79.1	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4
IVM 4500	76.3	78.3	79.2	79.8	80.2	80.3	80.6	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0
IVM 4000	77.8	79.5	81.1	81.8	82.3	82.4	82.9	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
IVM 3500	79.4	81.6	82.8	83.6	84.5	84.6	85.2	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
IVM 3000	80.4	82.7	84.2	85.4	86.5	86.6	87.2	87.6	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0
IVM 2500	81.1	83.8	85.3	86.5	87.5	87.7	88.4	89.0	89.0	89.0	89.5	89.5	89.5	89.5	89.5	89.5
IVM 2000	81.5	84.5	86.0	87.2	88.3	88.5	89.1	89.9	89.9	89.9	91.5	91.6	91.6	91.6	91.6	91.6
IVM 1800	81.0	84.7	86.2	87.4	88.6	88.8	89.5	90.2	90.2	90.2	91.9	92.0	92.0	92.0	92.0	92.0
IVM 1500	82.3	85.4	87.0	88.2	89.7	89.9	90.8	91.4	91.4	91.4	93.5	93.7	93.7	93.7	93.7	93.7
IVM 1200	83.3	86.8	88.4	89.7	91.4	91.6	92.4	93.1	93.1	93.1	95.7	96.0	96.1	96.1	96.1	96.1
IVM 1000	83.5	87.4	89.0	90.4	92.2	92.4	93.1	93.9	93.9	93.9	96.8	97.2	97.4	97.5	97.5	97.5
IVM 900	83.8	87.6	89.2	90.6	92.5	92.7	93.4	94.2	94.2	94.2	97.1	97.6	97.8	98.0	98.0	98.0
IVM 800	84.9	87.8	89.5	91.0	92.7	92.9	93.7	94.4	94.4	94.4	97.3	98.0	98.3	98.7	98.7	98.7
IVM 700	85.9	88.0	89.6	91.1	92.9	93.1	93.9	94.6	94.6	94.6	97.5	98.5	98.7	98.9	98.9	98.9
IVM 600	86.0	88.1	89.7	91.2	93.0	93.2	94.0	94.7	94.7	94.7	97.6	98.6	98.8	99.0	99.0	99.0
IVM 500	86.3	88.4	90.0	91.5	93.3	93.7	94.4	95.2	95.2	95.2	98.2	99.1	99.4	99.7	99.7	99.7
IVM 400	86.3	88.4	90.0	91.5	93.3	93.7	94.4	95.2	95.2	95.2	98.2	99.1	99.4	99.7	99.7	99.7
IVM 300	86.3	88.4	90.0	91.5	93.4	93.8	94.5	95.3	95.3	95.3	98.3	99.2	99.5	99.8	99.8	100.0
IVM 200	86.3	88.4	90.0	91.5	93.4	93.8	94.5	95.3	95.3	95.3	98.3	99.2	99.5	99.8	99.8	100.0
IVM 100	86.3	88.4	90.0	91.5	93.4	93.8	94.5	95.3	95.3	95.3	98.3	99.2	99.5	99.8	99.8	100.0
IVM 0	86.3	88.4	90.0	91.5	93.4	93.8	94.5	95.3	95.3	95.3	98.3	99.2	99.5	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 240

DATA PROCESSING DIVISION
 WAFB
 AIR FORCE WEATHER CENTER

CEILING VERSUS VISIBILITY

STATION WAFB CITY WHEELING STATE OH COUNTY DEWITT APT 07-66 YEAR 1966 MONTH 11

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1100-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .58	≥ .4	≥ .25	≥ .1	≥ 0
NO CEILING	40.2	46.3	49.7	46.7	47.0	47.0	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 20000	51.7	51.9	52.3	52.5	52.6	52.6	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8
IVV 18000	52.0	52.3	52.0	52.6	52.9	52.9	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IVV 16000	52.7	52.9	53.2	53.4	53.5	53.5	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IVV 14000	53.3	53.5	53.9	54.1	54.2	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IVV 12000	57.3	57.6	58.0	58.2	58.3	58.3	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IVV 10000	62.5	63.1	63.5	63.6	63.9	63.9	64.2	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IVV 9000	66.8	67.6	68.3	68.6	68.8	68.8	69.1	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IVV 8000	68.8	69.7	70.3	70.6	71.2	71.2	71.5	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IVV 7000	71.9	72.9	73.5	73.7	74.6	74.6	74.9	74.9	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3
IVV 6000	72.5	73.4	74.2	74.7	75.3	75.3	75.6	75.7	75.7	75.9	76.1	76.1	76.1	76.1	76.1	76.1
IVV 5000	73.7	75.1	75.9	76.6	77.4	77.4	78.0	78.2	78.2	78.5	78.7	78.7	78.7	78.7	78.7	78.7
IVV 4500	74.9	76.3	77.2	77.8	78.7	78.7	79.2	79.5	79.5	79.8	80.0	80.0	80.0	80.0	80.0	80.0
IVV 4000	76.2	77.6	78.8	79.5	80.4	80.4	81.0	81.3	81.3	81.6	81.8	81.8	81.8	81.8	81.8	81.8
IVV 3500	77.7	79.4	80.8	81.6	82.7	82.7	83.2	83.8	83.8	84.1	84.3	84.3	84.3	84.3	84.3	84.3
IVV 3000	78.0	80.8	82.3	83.8	84.9	85.1	85.7	86.5	86.5	86.9	87.1	87.1	87.1	87.1	87.1	87.1
IVV 2500	80.0	82.2	84.0	85.7	87.0	87.2	88.4	89.1	89.1	89.6	89.8	89.8	89.8	89.8	89.8	89.8
IVV 2000	81.6	83.0	85.3	87.0	88.4	88.7	90.2	91.1	91.1	91.7	92.0	92.0	92.0	92.0	92.0	92.0
IVV 1800	82.0	83.0	85.3	87.1	88.7	89.0	90.5	91.5	91.5	92.3	92.7	92.7	92.7	92.7	92.7	92.7
IVV 1500	81.5	84.1	86.5	88.3	90.0	90.7	91.8	92.8	92.8	93.5	94.2	94.2	94.2	94.2	94.2	94.2
IVV 1200	82.5	85.3	87.6	89.5	91.2	91.5	93.0	94.0	94.0	94.9	95.7	95.7	95.7	95.7	95.7	95.7
IVV 1000	82.7	85.6	88.1	89.9	91.6	91.9	93.4	94.4	94.4	95.4	96.8	96.8	97.0	97.0	97.0	97.0
IVV 900	82.9	85.8	88.3	90.1	91.8	92.2	93.7	94.6	94.6	95.7	97.1	97.1	97.3	97.3	97.3	97.3
IVV 800	82.1	86.1	88.6	90.4	92.2	92.5	94.0	94.9	94.9	96.1	98.0	98.0	98.3	98.3	98.3	98.3
IVV 700	83.4	86.6	89.0	90.9	92.6	92.9	94.5	95.5	95.5	96.7	98.6	98.6	98.9	98.9	98.9	98.9
IVV 600	83.7	86.8	89.2	91.1	92.8	93.1	94.8	95.8	95.8	97.0	99.0	99.0	99.6	99.6	99.6	99.6
IVV 500	83.7	86.8	89.2	91.1	92.9	93.2	94.9	95.9	95.9	97.1	99.1	99.1	100.0	100.0	100.0	100.0
IVV 400	83.7	86.8	89.2	91.1	92.9	93.2	94.9	95.9	95.9	97.1	99.1	99.1	100.0	100.0	100.0	100.0
IVV 300	83.7	86.8	89.2	91.1	92.9	93.2	94.9	95.9	95.9	97.1	99.1	99.1	100.0	100.0	100.0	100.0
IVV 200	83.7	86.8	89.2	91.1	92.9	93.2	94.9	95.9	95.9	97.1	99.1	99.1	100.0	100.0	100.0	100.0
IVV 100	83.7	86.8	89.2	91.1	92.9	93.2	94.9	95.9	95.9	97.1	99.1	99.1	100.0	100.0	100.0	100.0
IVV 0	83.7	86.8	89.2	91.1	92.9	93.2	94.9	95.9	95.9	97.1	99.1	99.1	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 735

ATA PROCESSED DIVISION
 SUPPLANT
 WILHELM L. DE MICHAEL

CEILING VERSUS VISIBILITY

STATION: WILHELM L. DE MICHAEL STATION WIDE: WILHELM L. DE MICHAEL YEAR: 1966 MONTH: 10

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100000

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	52.7	53.4	54.8	57.8	54.1	54.2	54.2	54.3	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5
IV 20000	56.0	57.3	57.7	57.7	58.1	58.2	58.2	58.3	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5
IV 18000	56.0	57.3	57.7	57.7	58.1	58.2	58.2	58.3	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5
IV 16000	56.7	57.4	57.8	57.8	58.2	58.3	58.4	58.4	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6
IV 14000	57.6	58.4	58.8	58.8	59.1	59.2	59.2	59.4	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6
IV 12000	59.5	60.2	60.8	60.8	61.1	61.2	61.2	61.3	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5
IV 10000	62.7	63.4	64.1	64.1	64.6	64.7	64.7	64.8	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1
IV 9000	64.4	65.4	66.0	66.0	66.6	66.7	66.7	66.8	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0
IV 8000	67.1	68.2	69.2	69.2	70.4	70.6	70.8	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1
IV 7000	71.0	72.3	73.4	73.9	74.8	75.1	75.2	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6
IV 6000	71.5	72.8	74.1	74.6	75.6	75.9	76.0	76.2	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5
IV 5000	72.7	74.3	75.6	76.2	77.0	77.4	77.7	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2
IV 4500	72.9	74.8	76.2	76.9	78.3	78.7	79.4	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9
IV 4000	74.0	75.6	77.4	78.2	79.7	80.3	81.0	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5
IV 3500	75.3	77.4	79.1	80.0	81.5	82.2	82.8	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3
IV 3000	76.0	79.2	81.0	81.9	83.7	84.4	85.2	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8
IV 2500	77.2	79.9	81.6	82.7	84.5	85.4	86.2	87.0	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5
IV 2000	78.2	81.1	83.0	84.2	86.2	87.1	88.0	89.2	89.4	90.5	90.9	90.9	90.9	90.9	90.9	90.9
IV 1800	78.5	81.5	83.5	84.7	86.9	87.7	88.6	90.0	90.2	91.5	91.8	91.8	91.8	91.8	91.8	91.8
IV 1500	79.6	82.7	84.1	86.2	88.5	89.4	90.3	91.9	92.3	93.9	94.4	94.4	94.4	94.4	94.4	94.4
IV 1200	79.9	83.1	85.5	86.7	88.9	90.0	91.1	92.7	93.0	94.8	95.7	95.7	95.8	95.8	95.8	95.8
IV 1000	80.2	83.4	85.8	87.1	89.5	90.5	91.6	93.2	93.5	95.5	97.1	97.1	97.6	97.6	97.6	97.6
IV 900	80.2	83.4	85.8	87.1	89.5	90.5	91.6	93.2	93.5	95.5	97.1	97.1	97.6	97.6	97.6	97.6
IV 800	80.3	83.5	85.9	87.2	89.6	90.6	91.7	93.3	93.7	95.6	97.4	97.4	98.2	98.2	98.2	98.2
IV 700	80.6	83.9	86.2	87.6	90.0	91.1	92.2	93.8	94.1	96.0	98.0	98.0	98.7	98.7	98.7	98.7
IV 600	80.8	84.1	86.5	87.8	90.2	91.3	92.4	94.0	94.3	96.2	98.3	98.3	99.1	99.1	99.1	99.1
IV 500	80.9	84.1	86.6	88.0	90.3	91.4	92.5	94.1	94.4	96.3	98.5	98.5	99.6	99.6	99.6	99.6
IV 400	80.9	84.1	86.6	88.0	90.3	91.4	92.5	94.1	94.4	96.3	98.5	98.5	99.6	99.6	99.6	99.6
IV 300	81.0	84.2	86.7	88.1	90.4	91.5	92.6	94.2	94.5	96.5	98.6	98.6	99.7	99.7	99.7	99.7
IV 200	81.2	84.4	86.9	88.3	90.6	91.7	92.8	94.4	94.7	96.7	98.8	98.8	99.9	99.9	99.9	99.9
IV 100	81.2	84.4	86.9	88.3	90.6	91.7	92.8	94.4	94.7	96.7	98.8	98.8	100.0	100.0	100.0	100.0
IV 0	81.2	84.4	86.9	88.3	90.6	91.7	92.8	94.4	94.7	96.7	98.8	98.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

DATA PROCESSING DIVISION
SAF ETAC
WIND WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

STATION NO. 2541 STATION NAME PORT WILSON NC/USMC APT YEARS 57-66 MONTH ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

GROUP 2100-2300

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 0
NO CEILING	1.9	52.0	74.1	53.3	53.7	53.7	53.9	53.9	53.9	54.3	54.4	54.4	54.5	54.5	54.5
≥ 20000	55.4	56.1	56.8	57.0	57.3	57.4	57.5	57.5	57.5	58.0	58.1	58.1	58.2	58.2	58.2
IV 18000	55.4	56.1	56.8	57.0	57.3	57.4	57.5	57.5	57.5	58.0	58.1	58.1	58.2	58.2	58.2
IV 16000	55.0	56.3	57.0	57.2	57.5	57.6	57.7	57.7	57.7	58.2	58.3	58.3	58.4	58.4	58.4
IV 14000	56.5	57.2	58.0	58.2	58.5	58.6	58.7	58.7	58.7	59.1	59.2	59.2	59.4	59.4	59.4
IV 12000	58.3	59.1	60.0	60.2	60.3	60.6	60.8	60.8	60.8	61.2	61.3	61.3	61.4	61.4	61.4
IV 10000	62.4	63.2	64.2	64.4	64.8	64.9	65.1	65.1	65.1	65.5	65.6	65.6	65.7	65.7	65.7
IV 9000	64.4	65.2	66.1	66.3	66.5	66.9	67.0	67.0	67.0	67.4	67.5	67.5	67.6	67.6	67.6
IV 8000	67.5	68.6	69.7	70.0	70.4	70.6	70.9	70.9	70.9	71.3	71.4	71.4	71.5	71.5	71.5
IV 7000	70.3	71.4	72.6	72.9	73.3	73.7	74.0	74.0	74.0	74.4	74.5	74.5	74.6	74.6	74.6
IV 6000	71.1	72.3	73.4	73.8	74.2	74.5	74.8	74.8	74.8	75.3	75.4	75.4	75.5	75.5	75.5
IV 5000	71.8	73.7	75.0	76.2	76.8	77.1	77.4	77.4	77.4	77.8	78.0	78.0	78.1	78.1	78.1
IV 4500	72.2	74.5	76.7	77.3	77.8	78.2	78.6	78.6	78.6	79.0	79.1	79.1	79.2	79.2	79.2
IV 4000	73.4	76.3	78.8	79.5	80.0	80.3	80.9	81.0	81.0	81.4	81.5	81.5	81.6	81.6	81.6
IV 3500	74.5	77.8	80.8	81.4	81.9	82.3	83.0	83.1	83.1	83.7	83.8	83.8	83.9	83.9	83.9
IV 3000	75.4	78.7	81.7	82.5	83.2	83.5	84.2	84.6	84.6	85.2	85.4	85.4	85.5	85.5	85.5
IV 2500	76.0	79.6	82.6	83.3	84.1	84.4	85.5	86.0	86.0	86.6	86.8	86.8	86.9	86.9	86.9
IV 2000	77.5	81.2	84.6	85.5	86.3	86.8	88.2	89.2	89.2	90.3	90.6	90.6	90.8	90.8	90.8
IV 1800	78.1	81.8	85.4	86.2	87.3	87.6	89.0	90.2	90.2	91.3	91.6	91.6	91.9	91.9	91.9
IV 1500	78.2	82.8	87.0	87.8	89.2	89.6	91.0	92.4	92.7	94.0	94.6	94.6	94.7	94.7	94.7
IV 1200	79.5	83.3	87.5	88.4	89.8	90.1	91.6	93.5	93.7	94.9	95.7	95.7	95.8	95.8	95.8
IV 1000	79.7	83.5	87.7	88.6	90.0	90.4	91.8	93.8	93.9	95.7	96.9	96.9	97.2	97.2	97.2
IV 900	79.7	83.5	87.7	88.6	90.0	90.3	91.9	93.9	94.0	95.8	97.2	97.2	97.5	97.5	97.5
IV 800	80.0	83.9	88.1	88.9	90.3	90.6	92.3	94.2	94.3	96.3	97.7	97.7	98.3	98.3	98.3
IV 700	80.1	84.0	88.2	89.0	90.4	90.7	92.5	94.4	94.5	96.6	98.3	98.3	99.0	99.0	99.0
IV 600	80.2	84.1	88.3	89.1	90.5	90.9	92.6	94.5	94.6	96.7	98.4	98.4	99.1	99.1	99.1
IV 500	80.4	84.3	88.5	89.4	90.8	91.1	92.8	94.7	94.8	96.9	98.7	98.7	99.7	99.7	99.7
IV 400	80.4	84.5	88.7	89.6	91.0	91.3	93.0	94.9	95.1	97.1	98.9	98.9	99.9	99.9	99.9
IV 300	80.4	84.5	88.7	89.6	91.1	91.4	93.1	95.1	95.2	97.2	99.0	99.0	100.0	100.0	100.0
IV 200	80.4	84.5	88.7	89.6	91.1	91.4	93.1	95.1	95.2	97.2	99.0	99.0	100.0	100.0	100.0
IV 100	80.4	84.5	88.7	89.6	91.1	91.4	93.1	95.1	95.2	97.2	99.0	99.0	100.0	100.0	100.0
IV 0	80.4	84.5	88.7	89.6	91.1	91.4	93.1	95.1	95.2	97.2	99.0	99.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 940

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ACG

CEILING VERSUS VISIBILITY

25218 STATION NAME FORT WILSON (C/ WILSON INT APT) YEARS 57-66 MONTH FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0700
0000Z (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .516	≥ .4	≥ 0
NO CEILING ≥ 20000	51.0	50.2	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.7	50.7	50.7	50.7	50.7	50.7
IV 18000 16000	52.4	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4
IV 14000 12000	52.5	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5
IV 10000 9000	53.4	54.0	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5
IV 8000 7000	55.7	57.3	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8
IV 6000 5000	61.9	62.9	63.0	63.4	63.5	63.5	63.5	63.5	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7
IV 4500 4000	65.1	66.3	66.4	66.8	66.9	66.9	66.9	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1
IV 3500 3000	68.3	69.5	69.6	70.0	70.1	70.1	70.1	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3
IV 2500 2000	72.5	74.0	74.2	74.6	74.7	74.9	74.9	74.9	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2
IV 1800 1500	73.4	74.9	75.2	75.5	75.9	75.9	75.9	75.9	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1
IV 1200 1000	77.8	80.1	80.6	81.2	81.7	81.7	81.7	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9
IV 900 800	79.9	82.3	82.9	83.5	83.9	83.9	83.9	83.9	84.0	84.0	84.5	84.6	84.6	84.6	84.6	84.6
IV 700 600	80.7	83.3	83.9	84.5	85.0	85.0	85.0	85.0	85.1	85.1	85.6	85.7	85.7	85.7	85.7	85.7
IV 500 400	81.9	84.6	85.2	85.8	86.4	86.4	86.4	86.4	86.8	86.8	87.4	87.5	87.5	87.5	87.5	87.5
IV 300 200	83.3	86.3	87.0	87.6	88.2	88.4	88.4	88.4	88.8	88.8	89.4	89.6	89.6	89.6	89.6	89.6
IV 100 0	84.2	87.4	88.1	88.7	89.7	90.2	90.2	90.2	90.7	91.4	92.0	92.0	92.0	92.0	92.0	92.0
IV 0	85.2	88.1	88.8	89.7	90.4	90.9	91.0	91.4	91.5	92.8	93.4	93.4	93.4	93.4	93.4	93.4
IV 0	86.8	89.8	89.9	90.3	92.0	92.4	92.7	93.0	93.1	94.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 0	88.4	89.7	90.4	91.8	93.3	93.7	94.1	94.6	94.7	96.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 0	87.0	90.5	91.3	92.7	94.1	94.6	94.9	95.4	95.5	97.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 0	87.7	90.8	91.5	92.9	94.3	94.8	95.2	95.6	95.7	97.3	98.2	98.2	98.2	98.2	98.2	98.2
IV 0	87.8	90.9	91.6	93.0	94.4	94.9	95.3	95.7	95.9	97.4	98.3	98.3	98.3	98.3	98.3	98.3
IV 0	88.1	91.3	92.0	93.4	94.8	95.3	95.6	96.1	96.2	97.8	98.7	98.7	98.7	98.7	98.7	98.7
IV 0	88.3	91.4	92.0	93.6	95.0	95.5	95.9	96.3	96.3	98.0	98.9	98.9	98.9	98.9	98.9	98.9
IV 0	88.3	91.6	92.6	94.1	95.6	96.1	96.5	96.9	97.0	98.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	88.3	91.6	92.6	94.1	95.6	96.1	96.5	96.9	97.0	98.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	88.3	91.6	92.6	94.1	95.6	96.1	96.5	96.9	97.0	98.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	88.3	91.6	92.6	94.1	95.6	96.1	96.5	96.9	97.0	98.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	88.3	91.6	92.6	94.1	95.6	96.1	96.5	96.9	97.0	98.6	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 346

DATA PROCESSING DIVISION
USAF ETAC
NATIONAL WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

STATION PORT JESUIT, TEXAS STATION NAME PORT JESUIT APT YEAR 57-66 MONTH 12

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-200-0500

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1
NO CEILING	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.4	44.4	44.4	44.4
IV 20000	46.7	46.9	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.2	47.2	47.2
IV 18000	46.7	46.9	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.2	47.2	47.2
IV 16000	46.7	47.2	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4
IV 14000	46.2	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.7
IV 12000	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.7	51.7	51.7
IV 10000	57.6	58.3	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7
IV 9000	60.9	61.6	61.8	61.8	61.9	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2
IV 8000	65.6	66.5	66.8	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1
IV 7000	69.7	70.7	70.9	71.0	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.9	71.9	71.9
IV 6000	70.9	71.9	72.1	72.3	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.2	73.2	73.2
IV 5000	74.3	75.9	76.1	76.6	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4
IV 4500	74.9	76.5	76.8	77.3	78.0	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4
IV 4000	77.0	79.0	79.3	79.8	80.6	80.6	80.7	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.1
IV 3500	77.5	79.8	80.1	80.6	81.6	81.6	81.6	81.9	82.0	82.0	82.0	82.0	82.2	82.2	82.2
IV 3000	77.4	82.6	82.6	83.1	84.2	84.2	84.4	84.6	84.8	84.8	84.8	84.8	84.9	84.9	84.9
IV 2500	82.8	82.6	83.5	83.9	85.0	85.0	85.3	85.8	85.9	86.1	86.1	86.1	86.2	86.2	86.2
IV 2000	81.1	83.9	83.0	83.9	87.1	87.2	87.7	88.2	88.7	89.1	89.1	89.1	89.2	89.2	89.2
IV 1800	82.3	85.1	86.2	87.1	88.3	88.4	88.9	89.5	90.0	90.8	90.9	90.9	91.0	91.0	91.0
IV 1500	84.4	87.2	88.3	89.2	90.5	90.7	91.1	92.0	92.6	93.6	93.7	93.7	93.9	93.9	93.9
IV 1200	85.6	88.4	89.5	90.5	91.8	92.0	92.4	93.4	94.0	95.0	95.5	95.5	95.6	95.6	95.6
IV 1000	87.5	90.3	91.4	92.4	93.7	93.9	94.3	95.3	95.9	97.2	97.6	97.6	97.9	97.9	97.9
IV 900	87.8	90.7	91.7	92.8	94.1	94.2	94.7	95.6	96.2	97.5	98.0	98.0	98.2	98.2	98.2
IV 800	87.8	90.7	91.7	92.8	94.1	94.2	94.7	95.7	96.3	97.8	98.2	98.2	98.5	98.5	98.5
IV 700	87.9	90.8	91.8	92.9	94.2	94.3	94.8	95.9	96.5	97.9	98.3	98.3	98.6	98.6	98.6
IV 600	88.1	90.9	92.0	93.0	94.3	94.6	95.0	96.1	96.7	98.1	98.6	98.6	98.8	98.8	98.8
IV 500	88.1	90.9	92.0	93.0	94.3	94.6	95.0	96.3	96.9	98.5	98.9	98.9	99.2	99.2	99.2
IV 400	88.1	90.9	92.0	93.0	94.3	94.6	95.0	96.3	96.9	98.5	98.9	98.9	99.2	99.2	99.2
IV 300	88.1	90.9	92.0	93.0	94.3	94.6	95.0	96.3	96.9	98.5	98.9	98.9	99.2	99.2	99.2
IV 200	88.1	90.9	92.0	93.0	94.3	94.6	95.0	96.3	96.9	98.5	98.9	98.9	99.2	99.2	99.2
IV 100	88.1	90.9	92.0	93.0	94.3	94.6	95.0	96.3	96.9	98.5	98.9	98.9	99.2	99.2	99.2
IV 0	88.1	90.9	92.0	93.0	94.3	94.6	95.0	96.3	96.9	98.5	98.9	98.9	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 25214 FORT WELSON BC/MUSKWA OUT ART 57-66 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6000-0000
0000 (L 37)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ 0	
NO CEILING ≥ 20000	40.0	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.3	41.3	41.7	41.3	41.3	41.3	41.3
IV 18000 16000	42.9	43.0	43.1	43.1	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4
IV 14000 12000	43.9	44.0	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3
IV 10000 9000	53.3	53.7	53.8	53.9	54.1	54.1	54.1	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 8000 7000	62.6	63.5	63.7	63.8	64.4	64.4	64.5	64.5	64.5	64.7	64.7	64.7	64.8	64.8	64.9	64.9
IV 6000 5000	67.7	68.7	69.1	69.3	69.9	70.0	70.2	70.2	70.2	70.3	70.3	70.3	70.4	70.4	70.6	70.6
IV 4500 4000	71.4	72.6	73.3	73.5	74.1	74.2	74.7	74.7	74.7	74.8	74.8	74.8	74.9	74.9	75.1	75.1
IV 3500 3000	73.0	74.2	75.1	75.3	75.9	76.0	76.5	76.5	76.5	76.7	76.7	76.7	76.8	76.8	77.0	77.0
IV 2500 2000	74.9	75.8	77.0	77.2	77.8	78.0	78.8	79.0	79.0	79.2	79.2	79.2	79.3	79.3	79.4	79.4
IV 1800 1500	76.5	78.0	79.3	79.6	80.3	80.6	81.0	81.7	81.7	81.9	81.9	81.9	82.0	82.0	82.2	82.2
IV 1200 1000	77.9	79.4	81.0	81.3	82.2	82.5	83.7	83.9	83.9	84.2	84.2	84.2	84.3	84.3	84.4	84.4
IV 900 800	78.5	80.0	81.7	82.0	83.0	83.3	84.6	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.3	85.3
IV 700 600	80.0	82.2	84.2	84.6	85.8	86.2	87.6	87.8	88.2	88.5	88.8	88.8	88.9	88.9	89.0	89.0
IV 500 400	81.3	82.9	84.9	85.3	86.6	87.0	88.7	88.9	89.2	89.7	90.0	90.0	90.2	90.2	90.3	90.3
IV 300 200	83.1	84.6	85.9	87.5	88.7	89.0	90.9	91.1	91.5	92.4	92.7	92.7	92.9	92.9	93.0	93.0
IV 100 0	85.8	85.5	87.8	88.4	89.6	90.0	91.8	92.4	92.8	93.9	94.1	94.1	94.3	94.3	94.4	94.4
	86.3	87.9	90.3	90.9	92.2	92.6	94.4	95.0	95.4	96.8	97.0	97.2	97.4	97.4	97.5	97.5
	86.8	88.4	90.8	91.4	92.7	93.0	94.9	95.5	95.9	97.3	97.5	97.6	97.9	98.0	98.0	98.0
	87.0	88.7	91.0	91.6	92.9	93.3	95.2	95.7	96.1	97.9	98.1	98.2	98.5	98.5	98.6	98.6
	87.4	89.0	91.4	92.0	93.3	93.6	95.5	96.1	96.5	98.2	98.5	98.6	98.8	98.8	98.9	98.9
	87.5	89.1	91.5	92.1	93.4	93.7	95.6	96.2	96.6	98.3	98.6	98.7	98.9	98.9	99.1	99.1
	87.9	89.2	91.7	92.3	93.9	94.2	96.1	96.7	97.0	99.3	99.5	99.6	99.9	99.9	100.0	100.0
	87.6	89.2	91.7	92.3	93.9	94.2	96.1	96.7	97.0	99.3	99.5	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 246

ATA PROCESSION DIVISION
 SAF ETAC
 AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

STATION NAME: WILLIAMS PT AFB STATION ID: 37-66 YEARS: _____
 MONTH: _____
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 0800-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .36	≥ 0	
NO CEILING	35.8	30.2	36.2	36.2	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.5	36.5	36.5	36.5	36.5
IV 20000	41.3	41.6	42.0	42.1	42.1	42.1	42.1	42.2	42.2	42.2	42.2	42.4	42.4	42.4	42.4	42.4
IV 18000	41.7	42.3	42.4	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.7	42.9	42.9	42.9	42.9	42.9
IV 16000	42.1	42.7	42.8	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.3	43.3	43.3	43.3	43.3
IV 14000	43.3	43.9	44.0	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.4	44.4	44.4	44.4	44.4
IV 12000	43.6	47.2	47.3	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.8	47.8	47.8	47.8	47.8
IV 10000	51.1	51.9	52.1	52.5	52.8	52.8	52.8	53.0	53.0	53.0	53.0	53.2	53.2	53.2	53.2	53.2
IV 9000	55.0	55.9	56.1	56.5	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2
IV 8000	61.0	62.4	62.8	63.4	63.9	63.9	64.1	64.3	64.3	64.3	64.3	64.5	64.9	64.9	64.9	64.9
IV 7000	66.5	68.3	68.8	69.5	70.2	70.2	70.4	70.9	70.9	70.9	70.9	71.2	71.5	71.5	71.5	71.5
IV 6000	67.1	68.9	69.4	70.2	71.2	71.2	71.4	71.9	71.9	71.9	72.1	72.5	72.5	72.5	72.5	72.5
IV 5000	68.6	71.5	72.0	72.9	73.9	74.0	74.2	74.7	74.7	74.7	74.9	75.3	75.3	75.3	75.3	75.3
IV 4500	70.3	72.3	72.9	74.0	74.9	75.2	75.4	75.9	75.9	75.9	76.2	76.6	76.6	76.6	76.6	76.6
IV 4000	72.2	75.4	76.4	77.4	78.5	79.0	79.2	79.8	79.8	79.8	80.3	80.6	80.6	80.6	80.6	80.6
IV 3500	75.2	79.1	79.1	80.3	81.4	81.9	82.3	82.7	82.7	82.7	83.2	83.6	83.6	83.6	83.6	83.6
IV 3000	76.0	79.0	80.0	81.0	82.9	83.3	83.7	84.2	84.2	84.2	84.8	85.3	85.3	85.3	85.3	85.3
IV 2500	77.0	79.9	81.0	82.5	83.9	84.4	84.8	85.3	85.3	85.3	85.9	86.5	86.5	86.5	86.5	86.5
IV 2000	77.1	80.1	81.4	83.0	84.9	85.3	85.9	86.5	86.5	86.5	87.7	88.3	88.3	88.3	88.3	88.3
IV 1800	77.9	81.2	82.7	84.3	86.3	86.8	87.5	88.1	88.3	88.3	89.6	90.2	90.2	90.2	90.2	90.2
IV 1500	79.1	82.5	84.2	86.1	88.2	88.7	89.8	90.4	90.7	92.4	93.3	93.3	93.3	93.3	93.3	93.3
IV 1200	80.5	84.2	85.9	87.9	90.4	91.0	92.2	92.9	93.1	94.9	95.9	95.9	95.9	96.0	96.0	96.0
IV 1000	81.2	85.0	86.8	88.8	91.5	92.1	93.4	94.1	94.3	96.2	97.3	97.3	97.3	97.5	97.5	97.5
IV 900	81.6	85.3	87.1	89.1	91.8	92.4	93.7	94.4	94.7	96.7	97.8	97.8	97.8	98.0	98.0	98.0
IV 800	81.7	85.5	87.2	89.2	92.0	92.6	93.9	94.6	94.8	96.8	98.2	98.2	98.2	98.5	98.5	98.5
IV 700	81.9	85.7	87.5	89.5	92.2	92.8	94.1	94.8	95.0	97.0	98.5	98.5	98.5	98.7	98.7	98.7
IV 600	82.0	85.8	87.6	89.6	92.3	92.9	94.2	94.9	95.2	97.2	98.6	98.6	98.6	98.9	98.9	98.9
IV 500	82.0	85.8	87.6	89.6	92.3	92.9	94.2	94.9	95.2	97.2	98.6	98.6	98.6	98.9	98.9	98.9
IV 400	82.2	86.1	87.8	89.8	92.7	93.3	94.6	95.3	95.5	97.5	98.9	98.9	98.9	99.4	99.4	99.4
IV 300	82.3	86.2	87.9	89.9	92.8	93.4	94.7	95.4	95.6	97.6	99.1	99.1	99.1	99.5	99.5	99.5
IV 200	82.4	86.3	88.1	90.1	92.9	93.5	94.8	95.5	95.7	97.8	99.4	99.4	99.4	99.6	99.6	99.6
IV 100	82.4	86.3	88.1	90.1	92.9	93.5	94.8	95.5	95.7	97.8	99.4	99.4	99.4	100.0	100.0	100.0
IV 0	82.4	86.3	88.1	90.1	92.9	93.5	94.8	95.5	95.7	97.8	99.4	99.4	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 346

AIR FORCE RESEARCH AND DEVELOPMENT DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION NAME: PORT WILSON, SOUTH CAROLINA STATION NUMBER: 5766 YEARS: _____ MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD: 1200-1400
HOURLY PERIOD

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	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 18000	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 16000	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
≥ 14000	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 12000	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
≥ 10000	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 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	63.7	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 1000	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 900	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
≥ 800	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
≥ 700	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 600	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 500	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 400	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 300	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
≥ 200	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
≥ 100	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
≥ 0	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

TOTAL NUMBER OF OBSERVATIONS: 146

DATA PROCESSING DIVISION
 AFETC
 HEADQUARTERS

CEILING VERSUS VISIBILITY

STATION NAME: WILSON FIELD ICAO: W56 YEARS: _____ MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-00-1100

CEILING FEET	VISIBILITY STATUTE MILES														
	> 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1
18000	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
16000	45.7	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
14000	46.0	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
12000	46.4	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
10000	47.9	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
8000	51.8	52.1	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
6000	56.5	57.2	57.6	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
4000	61.6	62.8	63.2	63.4	63.4	63.4	64.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
2000	67.6	69.4	70.1	70.4	70.6	70.6	70.9	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.2
1000	71.9	73.6	74.5	75.2	75.3	75.3	76.6	76.1	76.1	76.1	76.4	76.4	76.4	76.4	76.4
500	72.3	74.1	74.9	75.7	75.8	75.8	76.5	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.8
0	75.8	77.7	78.5	79.2	79.3	79.3	80.1	80.3	80.3	80.3	80.5	80.5	80.5	80.5	80.5
18000	77.0	78.8	79.7	80.5	80.6	80.6	81.4	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8
16000	78.4	80.7	81.6	82.6	82.7	82.7	83.6	83.7	83.7	83.9	83.9	84.0	84.0	84.0	84.0
14000	80.0	82.2	83.0	84.0	84.5	84.5	85.3	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7
12000	81.7	83.9	84.8	86.1	87.1	87.1	88.1	88.2	88.2	88.4	88.5	88.7	88.7	88.7	88.7
10000	82.5	85.0	85.8	87.2	88.3	88.3	89.4	89.5	89.5	89.5	90.0	90.1	90.2	90.2	90.2
8000	83.5	86.1	87.0	88.5	89.6	89.6	91.1	91.6	91.6	91.6	92.4	92.6	92.7	92.7	92.7
6000	84.7	87.6	88.5	90.2	91.3	91.3	92.9	93.3	93.3	94.2	94.3	94.4	94.4	94.4	94.4
4000	85.5	88.4	89.7	91.4	92.4	92.4	94.2	94.6	94.6	94.8	96.3	96.5	96.6	96.6	96.6
2000	85.5	88.4	89.7	91.4	92.6	92.6	94.3	94.7	94.7	94.9	96.7	97.0	97.2	97.2	97.2
1000	85.5	88.4	89.7	91.5	92.7	92.7	94.4	94.9	94.9	95.4	97.5	97.9	98.2	98.1	98.1
500	85.5	88.4	89.7	91.5	92.7	92.7	94.4	94.9	94.9	95.4	97.6	98.1	98.2	98.3	98.3
0	85.5	88.4	89.7	91.5	92.7	92.7	94.4	94.9	94.9	95.4	97.6	98.1	98.2	98.3	98.3
18000	85.6	88.5	89.8	91.6	92.8	92.8	94.6	95.0	95.0	95.5	97.8	98.3	98.4	98.4	98.4
16000	85.6	88.5	89.8	91.6	92.8	92.8	94.6	95.0	95.0	95.5	97.8	98.3	98.4	98.4	98.4
14000	85.6	88.5	89.8	91.6	92.8	92.8	94.6	95.0	95.0	95.5	97.8	98.3	98.4	98.4	98.4
12000	85.6	88.5	89.8	91.6	92.8	92.8	94.6	95.0	95.0	95.5	97.8	98.3	98.4	98.4	98.4
10000	85.6	88.5	89.8	91.6	92.8	92.8	94.6	95.0	95.0	95.5	97.8	98.3	98.4	98.4	98.4
8000	85.6	88.5	89.8	91.6	92.8	92.8	94.6	95.0	95.0	95.5	97.8	98.3	98.4	98.4	98.4
6000	85.6	88.5	89.8	91.6	92.8	92.8	94.6	95.0	95.0	95.5	97.8	98.3	98.4	98.4	98.4
4000	85.6	88.5	89.8	91.6	92.8	92.8	94.6	95.0	95.0	95.5	97.8	98.3	98.4	98.4	98.4
2000	85.6	88.5	89.8	91.6	92.8	92.8	94.6	95.0	95.0	95.5	97.8	98.3	98.4	98.4	98.4
1000	85.6	88.5	89.8	91.6	92.8	92.8	94.6	95.0	95.0	95.5	97.8	98.3	98.4	98.4	98.4
0	85.6	88.5	89.8	91.6	92.8	92.8	94.6	95.0	95.0	95.5	97.8	98.3	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS: 246

CEILING VERSUS VISIBILITY

STATION: FLYING DUTCHMAN AFB, MISSISSIPPI DATE: 37-66 YEARS: _____ MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD: 1-00-2000
 HOURS: 24

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .516	≥ .4	≥ 0
20000	45.6	46.1	46.2	46.3	46.3	46.3	46.5	46.7	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
18000	49.8	50.6	50.7	50.9	50.9	50.9	51.1	51.2	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
16000	52.2	51.1	51.2	51.3	51.4	51.4	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
14000	51.3	52.1	52.2	52.4	52.5	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
12000	54.0	55.0	55.1	55.2	55.3	55.3	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
10000	59.0	60.5	60.9	61.0	61.3	61.3	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
9000	63.6	64.2	65.4	65.5	65.6	65.8	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
8000	70.5	69.1	69.7	69.9	70.3	70.3	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
7000	70.9	72.7	73.4	73.6	74.3	74.3	74.6	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
6000	71.9	73.6	74.5	74.7	75.5	75.5	76.0	76.1	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4
5000	74.7	75.5	77.3	77.5	78.4	78.5	79.0	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4
4500	76.6	78.4	79.2	79.4	80.3	80.4	81.0	81.3	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6
4000	78.9	79.9	80.7	81.0	81.9	82.3	82.9	83.2	83.3	83.6	83.7	83.7	83.7	83.7	83.7	83.7
3500	83.5	81.9	82.7	83.0	83.9	84.3	84.9	85.2	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8
3000	81.0	81.9	84.8	85.0	86.1	86.4	87.0	87.5	87.6	87.9	88.1	88.1	88.1	88.1	88.1	88.1
2500	82.7	84.2	86.1	86.4	87.5	88.2	88.9	89.4	89.5	90.0	90.1	90.1	90.1	90.1	90.1	90.1
2000	84.0	86.6	87.9	88.4	89.7	90.4	91.7	92.3	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0
1800	84.4	87.3	88.3	89.0	90.4	91.1	92.7	93.4	93.5	94.0	94.3	94.3	94.3	94.3	94.3	94.3
1500	84.9	87.5	89.0	89.3	91.3	92.0	93.2	94.3	94.4	95.2	95.9	95.9	95.9	95.9	95.9	95.9
1200	87.5	88.2	89.7	90.7	92.1	92.8	94.6	95.4	95.5	96.3	97.2	97.2	97.2	97.2	97.2	97.2
1000	88.1	88.9	90.4	91.4	92.6	93.5	95.4	96.1	96.7	97.5	98.6	98.7	98.7	98.7	98.7	98.7
900	88.3	89.1	90.7	91.6	93.0	93.7	95.7	96.7	97.0	98.0	99.1	99.2	99.2	99.2	99.2	99.2
800	88.4	89.2	90.8	91.7	93.1	93.9	95.9	96.8	97.2	98.1	99.2	99.4	99.4	99.4	99.4	99.4
700	88.5	89.2	90.8	91.7	93.1	93.9	95.9	96.9	97.3	98.3	99.4	99.6	99.6	99.6	99.6	99.6
600	88.6	89.2	91.0	92.0	93.4	94.1	96.1	97.2	97.5	98.6	99.6	99.8	99.8	99.8	99.8	99.8
500	88.7	89.2	91.0	92.0	93.4	94.1	96.1	97.2	97.5	98.6	99.6	99.8	99.8	99.8	99.8	99.8
400	88.8	89.2	91.0	92.0	93.4	94.1	96.1	97.2	97.5	98.6	99.6	99.8	99.8	99.8	99.8	99.8
300	88.9	89.2	91.0	92.0	93.4	94.1	96.1	97.2	97.5	98.6	99.6	99.8	99.8	99.8	99.8	99.8
200	88.9	89.2	91.0	92.0	93.4	94.1	96.1	97.2	97.5	98.6	99.6	99.8	99.8	99.8	99.8	99.8
100	88.9	89.2	91.0	92.0	93.4	94.1	96.1	97.2	97.5	98.6	99.6	99.8	99.8	99.8	99.8	99.8
50	88.9	89.2	91.0	92.0	93.4	94.1	96.1	97.2	97.5	98.6	99.6	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 24

ATMOSPHERIC SERVICE
 REPORTS
 1. CEILING VISIBILITY

CEILING VERSUS VISIBILITY

STATION NAME WISCONSIN DUNSMITH AFB YEARS 1966 MONTH 11

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
 MOON (L P T)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
10000	51.3	51.7	52.0	52.2	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
8000	53.3	53.7	54.0	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
6000	53.3	53.8	54.1	54.5	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
4000	54.7	55.1	55.4	55.7	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
2000	56.9	57.2	57.6	57.7	58.0	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
1000	61.0	61.7	62.3	62.7	63.4	63.4	63.4	63.7	63.5	62.5	63.5	63.5	63.5	63.5	63.5	63.5
8000	66.8	67.7	68.3	68.9	69.4	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
6000	72.6	74.5	75.1	76.1	76.8	76.8	77.5	77.5	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
4000	73.3	75.2	75.9	77.1	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
2000	77.2	79.1	79.9	81.1	81.8	81.8	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
1000	78.0	80.0	81.1	82.3	83.2	83.3	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
8000	82.7	81.5	83.1	84.3	85.3	85.5	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
6000	83.6	83.2	85.3	86.6	88.1	88.2	88.2	88.8	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2
4000	85.1	87.2	88.5	89.7	90.8	90.9	91.1	91.5	91.5	91.5	92.0	92.2	92.2	92.2	92.2	92.2
2000	87.2	88.2	89.7	91.7	93.4	93.7	94.4	94.4	94.4	95.2	95.6	95.6	95.6	95.6	95.6	95.6
1800	88.1	89.0	91.4	93.0	93.4	94.2	94.9	94.9	94.9	95.7	96.2	96.2	96.2	96.2	96.2	96.2
1500	88.2	89.7	91.7	93.4	93.7	94.4	95.5	95.5	95.5	96.5	97.3	97.3	97.3	97.3	97.3	97.3
1200	89.7	91.3	93.4	95.0	95.4	96.5	97.4	97.4	97.4	98.2	99.3	99.3	99.3	99.3	99.3	99.3
1000	90.8	91.4	93.5	95.2	95.5	96.6	97.4	97.4	97.4	98.3	99.4	99.4	99.4	99.4	99.4	99.4
800	91.7	91.9	93.9	95.5	95.9	96.9	97.8	97.8	97.8	98.7	99.8	99.8	99.8	99.8	99.8	99.8
700	92.2	91.7	93.9	95.5	95.9	96.9	97.8	97.8	97.8	98.7	99.8	99.8	99.8	99.8	99.8	99.8
600	92.2	91.7	93.9	95.5	95.9	96.9	97.8	97.8	97.8	98.7	99.8	99.8	99.8	99.8	99.8	99.8
500	93.4	92.0	94.1	95.7	96.1	97.2	98.0	98.0	98.0	98.9	100.0	100.0	100.0	100.0	100.0	100.0
400	94.1	92.0	94.1	95.7	96.1	97.2	98.0	98.0	98.0	98.9	100.0	100.0	100.0	100.0	100.0	100.0
300	94.1	92.0	94.1	95.7	96.1	97.2	98.0	98.0	98.0	98.9	100.0	100.0	100.0	100.0	100.0	100.0
200	94.1	92.0	94.1	95.7	96.1	97.2	98.0	98.0	98.0	98.9	100.0	100.0	100.0	100.0	100.0	100.0
100	94.1	92.0	94.1	95.7	96.1	97.2	98.0	98.0	98.0	98.9	100.0	100.0	100.0	100.0	100.0	100.0
0	94.1	92.0	94.1	95.7	96.1	97.2	98.0	98.0	98.0	98.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 146

AFW PROGRESSIVE
 SAFETY
 REPORT

CEILING VERSUS VISIBILITY

STATION NO. DATE 3-7-66 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .16	≥ .4	≥ 0
NO CEILING	55.2	55.6	48.7	56.7	56.7	59.7	56.7	63.7	48.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
18000	60.3	60.6	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2
16000	60.3	60.6	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2
14000	62.2	62.6	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0
12000	64.8	65.1	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7
10000	68.0	68.5	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0
9000	71.5	72.2	72.5	72.5	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	73.0	73.0	73.0
8000	72.8	73.8	74.4	74.5	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3
7000	73.7	75.8	77.5	77.7	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.6	78.6	78.6
6000	76.1	77.3	78.1	78.3	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	79.1	79.1	79.1
5000	78.7	80.0	80.8	81.1	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	82.0	82.0	82.0
4500	80.2	81.6	82.5	82.9	83.5	83.5	83.6	83.9	83.9	83.9	83.9	83.9	83.9	84.1	84.1	84.1
4000	81.2	83.0	83.9	84.4	85.4	85.4	85.6	85.7	85.8	85.8	85.8	85.8	85.8	86.2	86.2	86.2
3500	82.4	84.2	85.1	85.6	86.6	86.6	86.8	86.9	86.9	87.0	87.0	87.2	87.2	87.4	87.4	87.4
3000	83.1	85.1	85.9	86.6	87.5	87.5	88.1	88.2	88.2	88.3	88.3	88.5	88.5	88.7	88.7	88.7
2500	84.2	86.2	87.4	88.2	89.2	89.2	89.8	90.0	90.1	90.2	90.2	90.4	90.4	91.0	91.0	91.0
2000	85.7	88.1	89.4	90.1	91.2	91.2	91.8	92.2	92.5	92.8	92.8	93.7	93.7	93.9	93.9	93.9
1800	86.3	89.0	90.3	91.1	92.3	92.3	92.9	93.2	93.5	94.3	94.3	95.2	95.2	95.4	95.4	95.4
1500	88.1	90.8	92.0	92.8	94.0	94.0	94.6	95.1	95.4	96.8	96.8	98.1	98.1	98.4	98.4	98.4
1200	88.2	90.9	92.2	93.7	94.3	94.3	94.9	95.5	95.8	97.5	97.5	98.8	98.8	99.1	99.1	99.2
1000	88.4	91.1	92.4	93.2	94.5	94.5	95.2	95.7	96.0	97.7	97.7	99.1	99.1	99.5	99.5	99.5
900	88.5	91.2	92.5	93.3	94.6	94.6	95.3	95.8	96.1	97.8	97.8	99.4	99.4	99.7	99.7	99.8
800	88.5	91.3	92.6	93.4	94.7	94.7	95.4	95.9	96.2	98.0	98.0	99.5	99.5	99.8	99.8	99.9
700	88.5	91.4	92.7	93.5	94.8	94.8	95.5	96.0	96.3	98.1	98.1	99.6	99.6	99.9	99.9	100.0
600	88.5	91.4	92.7	93.5	94.8	94.8	95.5	96.0	96.3	98.1	98.1	99.6	99.6	99.9	99.9	100.0
500	88.5	91.4	92.7	93.5	94.8	94.8	95.5	96.0	96.3	98.1	98.1	99.6	99.6	99.9	99.9	100.0
400	88.5	91.4	92.7	93.5	94.8	94.8	95.5	96.0	96.3	98.1	98.1	99.6	99.6	99.9	99.9	100.0
300	88.5	91.4	92.7	93.5	94.8	94.8	95.5	96.0	96.3	98.1	98.1	99.6	99.6	99.9	99.9	100.0
250	88.5	91.4	92.7	93.5	94.8	94.8	95.5	96.0	96.3	98.1	98.1	99.6	99.6	99.9	99.9	100.0
100	88.5	91.4	92.7	93.5	94.8	94.8	95.5	96.0	96.3	98.1	98.1	99.6	99.6	99.9	99.9	100.0
0	88.5	91.4	92.7	93.5	94.8	94.8	95.5	96.0	96.3	98.1	98.1	99.6	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 210

2

DATA PROCESSING DIVISION
USAF ETAC
ATTENTION: MR. WIGF/AC

CEILING VERSUS VISIBILITY

STATION FAH 1451 CITY FAH STATE TX COUNTY FAH ZIP 75760 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FORM 500-0500
4888 11-77

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 3/8	≥ 1/4	≥ 0	
NO CEILING	74.4	74.4	74.8	75.1	75.2	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.6	75.6	75.6	75.7
≥ 20000	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	77.0	77.0
18000	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	77.0	77.0
16000	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	77.0	77.0
14000	60.6	59.2	59.2	59.5	59.6	59.6	59.6	59.7	59.7	59.8	59.8	59.8	60.0	60.0	60.0	60.1
12000	61.3	61.4	61.4	61.6	61.7	61.7	61.7	61.8	61.8	61.9	61.9	61.9	62.2	62.2	62.2	62.3
10000	65.3	65.1	66.2	66.6	66.7	66.7	66.7	66.8	66.8	66.9	66.9	66.9	67.1	67.1	67.1	67.2
9000	67.5	67.4	68.5	68.8	69.0	69.0	69.0	69.1	69.1	69.2	69.2	69.2	69.5	69.5	69.5	69.6
8000	69.7	70.5	70.6	71.0	71.4	71.4	71.4	71.5	71.5	71.6	71.6	71.6	71.8	71.8	71.8	71.9
7000	72.2	73.1	73.3	74.0	74.0	74.5	74.6	74.6	74.9	75.1	75.2	75.2	75.4	75.4	75.5	75.6
6000	73.4	74.4	74.6	75.3	76.0	76.2	76.3	76.3	76.5	76.6	76.7	76.7	76.9	76.9	77.0	77.1
5000	75.9	76.9	77.1	77.7	78.8	79.0	79.2	79.4	79.6	79.6	79.7	79.7	79.9	79.9	80.0	80.1
4500	76.9	78.0	78.2	78.8	79.9	80.2	80.4	80.5	80.5	80.8	80.9	80.9	81.1	81.1	81.2	81.3
4000	78.7	80.1	80.3	81.2	82.3	82.5	83.1	83.2	83.2	83.4	83.5	83.5	83.8	83.8	83.9	84.0
3500	80.0	81.7	81.3	82.2	83.2	83.5	84.2	84.3	84.3	84.5	84.6	84.6	84.8	84.8	84.9	85.1
3000	81.2	82.7	82.2	84.3	85.9	86.6	87.2	87.5	87.5	87.7	87.8	87.8	88.1	88.1	88.2	88.3
2500	82.5	84.2	84.8	85.9	87.5	88.2	88.8	89.2	89.2	90.0	90.3	90.7	90.5	90.5	90.6	90.8
2000	82.5	85.2	85.1	87.4	88.9	89.7	90.4	91.1	91.1	92.2	92.6	92.7	92.9	92.9	93.0	93.1
1800	84.4	85.2	87.1	88.5	89.9	90.6	91.4	92.0	92.0	93.1	93.7	93.7	94.0	94.0	94.1	94.2
1500	85.7	87.5	89.4	89.6	91.2	92.0	92.0	93.5	93.5	95.4	96.0	96.1	96.5	96.5	96.6	96.7
1200	88.0	89.7	89.0	90.2	91.0	92.1	93.0	94.5	94.5	96.5	97.1	97.2	97.5	97.5	97.6	97.7
1000	88.2	88.5	89.4	90.5	92.2	93.1	94.1	94.8	94.8	96.9	97.6	97.7	98.1	98.1	98.2	98.3
900	86.2	86.5	89.4	90.5	92.2	93.1	94.1	94.8	94.8	96.9	97.6	97.7	98.1	98.1	98.2	98.3
800	86.0	88.9	89.8	91.3	92.6	93.5	94.2	95.4	95.3	97.3	98.2	98.3	98.9	98.9	99.0	99.1
700	86.8	89.2	90.1	91.3	93.0	94.0	94.9	95.8	95.8	97.8	98.7	98.8	99.5	99.5	99.6	99.7
600	86.8	89.2	90.1	91.3	93.0	94.0	94.9	95.8	95.8	97.8	98.7	98.8	99.5	99.5	99.6	99.7
500	86.9	89.4	90.2	91.4	93.1	94.1	95.1	95.9	95.9	98.0	98.8	98.9	99.6	99.6	99.7	99.7
400	76.0	89.5	90.3	91.5	93.2	94.2	95.2	96.0	96.0	98.1	98.9	99.0	99.7	99.7	99.8	99.9
300	76.0	89.5	90.3	91.5	93.2	94.2	95.2	96.0	96.0	98.1	98.9	99.0	99.7	99.7	99.8	99.9
200	76.0	89.5	90.3	91.5	93.2	94.2	95.2	96.0	96.0	98.1	98.9	99.0	99.7	99.7	99.8	99.9
100	76.0	89.5	90.4	91.6	93.3	94.3	95.3	96.1	96.1	98.2	99.0	99.1	99.8	99.8	99.9	100.0
0	76.0	89.5	90.4	91.5	93.3	94.3	95.3	96.1	96.1	98.2	99.0	99.1	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 713

WATER RESOURCES DIVISION
 WASHINGTON, D.C.
 DISTRICT OF COLUMBIA

CEILING VERSUS VISIBILITY

STATION NAME: WATER RESOURCES DIVISION DATE: 7-68 MONTH: ALL
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) FORM NO. 0-14-5

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .5	≥ .5	≥ .5	
NO CEILING ≥ 20000	47.5	47.5	47.5	47.6	47.6	47.6	47.7	47.7	47.7	47.7	48.0	48.0	48.1	48.2	48.3	48.4
IVM 18000	51.3	52.0	52.2	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.6	52.6	52.7	52.8	52.9	53.0
IVM 16000	51.4	52.2	52.3	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.7	52.7	52.8	52.9	53.0	53.0
IVM 14000	53.0	53.8	53.9	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.3	54.3	54.4	54.5	54.6	54.6
IVM 12000	57.1	57.2	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.7	57.7	57.8	58.0	58.1	58.1
IVM 10000	61.3	62.3	62.5	62.6	62.6	62.6	62.9	63.0	63.0	63.0	63.2	63.2	63.3	63.4	63.5	63.5
IVM 9000	64.6	66.0	66.3	66.7	66.7	66.8	66.9	67.1	67.1	67.1	67.3	67.3	67.4	67.5	67.7	67.7
IVM 8000	67.7	69.4	69.9	70.2	70.3	70.4	70.6	71.0	71.0	71.1	71.3	71.3	71.4	71.5	71.7	71.7
IVM 7000	70.9	72.7	73.2	73.6	74.3	74.5	74.6	75.2	75.2	75.4	75.6	75.6	75.7	75.8	76.0	76.0
IVM 6000	71.0	73.4	74.0	74.5	75.1	75.4	75.6	76.0	76.0	76.2	76.5	76.5	76.6	76.7	76.9	76.9
IVM 5000	73.3	75.3	75.8	76.5	77.1	77.6	78.0	78.6	78.6	78.8	79.0	79.0	79.1	79.2	79.5	79.5
IVM 4500	73.4	75.6	76.3	77.0	77.6	78.2	78.6	79.2	79.2	79.5	79.7	79.7	79.8	79.9	80.1	80.1
IVM 4000	74.9	77.5	78.2	78.8	79.7	80.4	81.0	81.7	81.7	81.9	82.2	82.2	82.3	82.4	82.6	82.6
IVM 3500	76.0	79.1	80.0	80.8	81.9	82.7	83.2	84.0	84.0	84.2	84.4	84.4	84.5	84.6	84.8	84.8
IVM 3000	78.7	81.2	82.0	82.8	84.1	84.8	85.5	86.5	86.5	86.7	86.9	86.9	87.0	87.1	87.3	87.3
IVM 2500	79.6	82.5	83.4	84.2	85.5	86.3	87.1	88.3	88.3	88.6	88.6	88.9	88.9	89.0	89.1	89.4
IVM 2000	80.0	83.9	84.8	85.6	87.0	88.0	88.7	90.0	90.0	91.5	92.0	92.0	92.3	92.4	92.5	92.6
IVM 1800	81.3	84.5	85.5	86.2	87.6	88.6	89.4	90.8	90.8	92.3	93.0	93.0	93.2	93.3	93.5	93.5
IVM 1500	82.1	85.0	87.2	88.1	89.5	90.4	91.4	92.8	92.8	94.8	95.8	95.8	96.0	96.1	96.3	96.3
IVM 1200	82.8	86.1	87.3	88.7	89.7	90.6	91.7	93.2	93.2	95.3	96.5	96.5	96.7	96.8	97.0	97.0
IVM 1000	83.4	86.9	88.2	89.0	90.6	91.6	92.7	94.2	94.2	96.5	97.6	97.6	97.8	97.9	98.2	98.2
IVM 900	83.9	87.0	88.3	89.1	90.9	91.9	93.0	94.5	94.5	96.9	98.1	98.1	98.3	98.4	98.6	98.6
IVM 800	84.0	87.2	88.5	89.4	91.1	92.2	93.2	94.7	94.7	97.1	98.3	98.4	98.6	98.7	98.9	98.9
IVM 700	85.9	87.3	88.6	89.5	91.2	92.3	93.3	94.8	94.8	97.2	98.4	98.6	98.9	99.0	99.2	99.2
IVM 600	86.5	87.3	88.6	89.5	91.2	92.3	93.3	94.8	94.8	97.2	98.7	98.9	99.2	99.4	99.5	99.6
IVM 500	86.9	87.4	88.7	89.6	91.3	92.4	93.4	94.9	94.9	97.4	98.9	99.1	99.5	99.6	99.8	99.8
IVM 400	86.9	87.4	88.7	89.6	91.3	92.4	93.4	94.9	94.9	97.4	98.9	99.1	99.5	99.6	99.8	99.8
IVM 300	86.9	87.4	88.7	89.6	91.3	92.4	93.4	94.9	94.9	97.4	98.9	99.1	99.5	99.6	99.8	99.8
IVM 200	86.9	87.4	88.7	89.6	91.3	92.4	93.4	94.9	94.9	97.4	98.9	99.1	99.5	99.6	99.8	99.8
IVM 100	86.9	87.4	88.7	89.6	91.3	92.4	93.4	94.9	94.9	97.4	98.9	99.1	99.5	99.6	99.8	99.8
IVM 0	86.9	87.4	88.7	89.6	91.3	92.4	93.4	94.9	94.9	97.4	98.9	99.1	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

CEILING VERSUS VISIBILITY

STATION WEST WILSON C/MSK UNIT APT 5766 YEARS 05
STATION NAME UNIT YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7400-1100
WIND

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ .2
NO CEILING	100.5	43.9	49.0	47.1	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 20000	54.8	54.3	54.5	54.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 18000	55.4	54.4	54.6	54.9	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IV 16000	56.0	56.5	56.7	55.1	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IV 14000	55.6	56.1	56.3	56.7	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 12000	57.0	58.2	58.4	58.7	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 10000	62.7	63.5	63.9	64.3	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 9000	66.1	67.4	67.8	68.3	68.7	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 8000	69.7	71.4	72.0	72.9	73.3	73.4	74.1	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 7000	72.7	73.3	76.1	77.0	77.3	77.6	78.4	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 6000	72.9	75.5	76.3	77.2	77.7	77.8	78.6	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 5000	74.2	75.9	77.8	78.8	79.4	79.7	80.6	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 4500	74.7	77.4	78.5	79.5	80.0	80.3	81.3	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 4000	76.1	79.1	80.4	81.3	81.8	82.2	83.1	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 3500	77.1	80.4	81.9	83.0	83.7	84.0	84.9	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 3000	78.7	82.2	83.9	84.9	85.8	85.1	87.2	87.3	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 2500	79.9	83.7	85.4	86.5	87.4	87.7	88.9	89.8	89.8	90.4	90.5	90.5	90.5	90.5	90.5	90.5
IV 2000	80.8	84.9	87.0	88.3	89.7	90.1	91.4	92.5	92.5	93.4	93.7	93.7	93.7	93.7	93.7	93.7
IV 1800	81.8	85.1	88.3	89.7	91.4	91.9	93.4	94.5	94.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7
IV 1500	82.4	86.8	89.9	90.4	92.3	93.0	94.5	95.6	95.6	97.0	97.6	97.6	97.6	97.6	97.6	97.6
IV 1200	82.6	87.1	89.4	90.9	92.7	93.4	94.9	96.0	96.0	97.6	98.5	98.5	98.5	98.5	98.5	98.5
IV 1000	82.9	87.4	89.7	91.2	93.0	93.8	95.3	96.3	96.3	98.0	98.9	98.9	98.9	98.9	98.9	98.9
IV 900	83.0	87.5	89.8	91.3	93.1	93.9	95.4	96.5	96.5	98.1	99.1	99.1	99.2	99.2	99.2	99.2
IV 800	83.1	87.6	89.9	91.4	93.2	94.0	95.5	96.6	96.6	98.2	99.2	99.4	99.5	99.5	99.5	99.5
IV 700	83.1	87.6	89.9	91.4	93.2	94.0	95.5	96.6	96.6	98.3	99.4	99.5	99.6	99.6	99.6	99.6
IV 600	83.1	87.6	89.9	91.4	93.2	94.0	95.5	96.6	96.6	98.3	99.4	99.5	99.6	99.6	99.6	99.6
IV 500	83.1	87.6	89.9	91.4	93.2	94.0	95.5	96.6	96.6	98.4	99.5	99.7	99.9	99.9	99.9	99.9
IV 400	83.1	87.6	89.9	91.4	93.2	94.0	95.5	96.6	96.6	98.4	99.5	99.7	99.9	99.9	99.9	99.9
IV 300	83.1	87.6	89.9	91.5	93.3	94.1	95.7	96.8	96.8	98.5	99.6	99.8	100.0	100.0	100.0	100.0
IV 200	83.1	87.6	89.9	91.5	93.3	94.1	95.7	96.8	96.8	98.5	99.6	99.8	100.0	100.0	100.0	100.0
IV 100	83.1	87.6	89.9	91.5	93.3	94.1	95.7	96.8	96.8	98.5	99.6	99.8	100.0	100.0	100.0	100.0
IV 0	83.1	87.6	89.9	91.5	93.3	94.1	95.7	96.8	96.8	98.5	99.6	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 910

2

474 PAV. 15511 DIVISION
 1001 LTA
 1001 LTA

CEILING VERSUS VISIBILITY

STATION: PORT WILSON FL/15511A DRY APT YEARS: 17-66 MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-1000
1000 (100)

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	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
IV 20000	61.7	61.6	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 18000	61.3	61.7	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 16000	61.6	62.0	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 14000	62.7	63.1	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
IV 12000	64.2	64.6	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 10000	68.8	69.4	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 9000	71.5	72.5	72.8	72.8	72.8	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 8000	75.8	76.5	76.8	76.8	76.9	77.0	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 7000	77.5	78.4	78.7	78.8	79.0	79.1	79.6	79.8	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 6000	78.0	78.6	79.1	79.2	79.5	79.6	80.0	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 5000	79.2	80.1	80.5	80.6	80.9	81.0	81.4	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 4500	79.4	80.2	80.6	80.8	81.0	81.1	81.5	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 4000	80.8	81.8	82.3	82.4	82.6	82.8	83.2	83.4	83.4	83.8	83.9	83.9	83.9	83.9	83.9	83.9
IV 3500	81.5	82.9	83.4	83.8	84.0	84.3	84.7	85.1	85.1	85.4	86.0	86.0	86.0	86.0	86.0	86.0
IV 3000	83.4	85.2	85.8	86.5	86.8	87.3	87.8	88.4	88.6	89.0	89.7	89.7	89.7	89.7	89.7	89.7
IV 2500	84.9	86.8	87.4	88.1	88.5	89.1	89.8	90.3	90.3	91.2	92.0	92.0	92.0	92.0	92.0	92.0
IV 2000	86.2	88.4	89.0	90.0	90.5	91.3	92.0	92.7	92.7	93.5	94.6	94.6	94.6	94.6	94.6	94.6
IV 1800	86.7	88.9	89.7	90.6	91.2	91.9	93.0	93.7	93.7	94.5	95.8	95.8	95.8	95.8	95.8	95.8
IV 1500	88.3	90.8	91.6	92.6	93.2	94.1	95.3	95.9	95.9	96.9	98.2	98.2	98.2	98.2	98.2	98.2
IV 1200	88.6	91.1	91.9	92.9	93.5	94.4	95.6	96.3	96.3	97.4	98.7	98.7	98.7	98.7	98.7	98.7
IV 1000	88.6	91.3	92.2	93.1	93.8	94.7	95.9	96.7	96.7	97.8	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	88.8	91.3	92.2	93.1	93.8	94.7	95.9	96.8	96.8	98.0	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	88.9	91.3	92.2	93.1	93.8	94.7	95.9	96.8	96.8	98.0	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	88.8	91.3	92.2	93.1	93.8	94.7	95.9	96.8	96.8	98.0	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	88.8	91.3	92.2	93.1	93.8	94.7	95.9	96.8	96.8	98.0	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	88.8	91.3	92.2	93.1	93.8	94.7	95.9	96.8	96.8	98.0	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	88.8	91.3	92.2	93.1	93.8	94.7	95.9	96.8	96.8	98.0	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	88.8	91.3	92.2	93.1	93.8	94.7	95.9	96.8	96.8	98.0	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	88.8	91.3	92.2	93.1	93.8	94.7	95.9	96.8	96.8	98.0	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	88.8	91.3	92.2	93.1	93.8	94.7	95.9	96.8	96.8	98.0	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	88.8	91.3	92.2	93.1	93.8	94.7	95.9	96.8	96.8	98.0	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 910

DATA PROCESSING DIVISION
SAF ETAC
OPERATIONAL SERVICE/BAC

CEILING VERSUS VISIBILITY

STATION NO. 15212 STATION NAME WHEELS FIELD/MSK DTG APT 57-66 YEARS MONTH AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1509-1700
HOURS (L. Y. T.)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .4	≥ .25	≥ 0
≥ 2500	62.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 1800	61.0	61.6	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 1600	61.4	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	62.4
IV 14000	62.8	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 12000	66.0	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 10500	68.6	69.5	69.5	69.5	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 9000	71.0	71.8	71.9	71.9	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 8000	75.8	76.9	77.0	77.0	77.1	77.3	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 7000	77.8	78.9	79.0	79.0	79.1	79.4	79.5	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 6000	78.4	79.5	79.6	79.6	79.7	79.9	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
IV 5000	80.3	81.4	81.5	81.5	81.6	81.8	82.0	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4
IV 4500	81.0	82.0	82.2	82.3	82.4	82.6	82.8	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
IV 4000	82.0	83.2	83.3	83.5	83.6	83.8	84.0	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6
IV 3500	85.3	85.9	86.0	86.2	86.3	86.6	86.8	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3
IV 3000	87.3	88.8	89.2	89.6	90.3	90.5	90.9	91.6	91.6	92.0	92.3	92.3	92.3	92.3	92.3
IV 2500	90.1	90.9	91.2	91.5	92.3	92.6	93.0	94.0	94.1	94.7	95.7	95.7	95.7	95.7	95.7
IV 1800	90.2	91.1	91.4	91.7	92.6	92.9	93.4	94.4	94.5	95.2	96.1	96.1	96.1	96.1	96.1
IV 1500	90.2	92.2	92.5	92.9	93.6	94.2	94.8	95.9	96.0	97.4	98.7	98.7	98.7	98.7	98.7
IV 1200	90.2	92.2	92.5	92.9	93.6	94.3	95.1	96.1	96.2	98.0	99.1	99.2	99.2	99.2	99.2
IV 1000	90.2	92.2	92.5	92.9	93.6	94.3	95.1	96.1	96.2	98.0	99.5	99.6	99.6	99.6	99.6
IV 900	90.2	92.2	92.5	93.0	94.0	94.5	95.2	96.3	96.5	98.2	99.7	99.8	99.8	99.8	99.8
IV 800	90.2	92.2	92.5	93.0	94.0	94.5	95.2	96.3	96.5	98.3	99.8	99.9	99.9	99.9	99.9
IV 700	90.2	92.2	92.5	93.0	94.0	94.5	95.3	96.3	96.5	98.3	99.8	99.9	99.9	99.9	99.9
IV 600	90.2	92.2	92.5	93.0	94.0	94.5	95.3	96.3	96.5	98.3	99.8	99.9	99.9	99.9	99.9
IV 500	90.2	92.2	92.5	93.0	94.0	94.5	95.3	96.3	96.5	98.3	99.8	99.9	100.0	100.0	100.0
IV 400	90.2	92.2	92.5	93.0	94.0	94.5	95.3	96.3	96.5	98.3	99.8	99.9	100.0	100.0	100.0
IV 300	90.2	92.2	92.5	93.0	94.0	94.5	95.3	96.3	96.5	98.3	99.8	99.9	100.0	100.0	100.0
IV 200	90.2	92.2	92.5	93.0	94.0	94.5	95.3	96.3	96.5	98.3	99.8	99.9	100.0	100.0	100.0
IV 100	90.2	92.2	92.5	93.0	94.0	94.5	95.3	96.3	96.5	98.3	99.8	99.9	100.0	100.0	100.0
0	90.2	92.2	92.5	93.0	94.0	94.5	95.3	96.3	96.5	98.3	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 730

CEILING VERSUS VISIBILITY

STATION: 24215 FEET MSL IN 60 HOURS: 01 APT 37-66 YEARS: 1960 MONTH: 1000

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-600-1000

CEILING FEET	VISIBILITY STATUTE MILES:																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .5/8	≥ .5	≥ .5/16	≥ .4	≥ 0
NO CEILING	54.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 20000	54.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 18000	59.2	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 16000	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 14000	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 12000	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 10000	68.3	68.4	68.4	68.4	68.6	68.6	68.6	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 9000	71.0	71.1	71.1	71.1	71.4	71.4	71.4	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 8000	73.8	74.7	75.1	75.4	75.6	75.6	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 7000	76.4	77.5	77.8	78.4	78.7	78.7	79.0	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 6000	77.0	78.2	78.5	79.0	79.5	79.5	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 5000	79.0	80.2	80.5	81.1	81.5	81.5	81.8	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 4500	81.0	81.2	81.5	82.0	82.5	82.5	82.8	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 4000	81.8	83.1	83.7	84.2	84.6	84.6	85.1	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 3500	82.8	84.3	84.9	85.5	85.9	85.9	86.3	86.7	86.7	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 3000	84.1	85.6	86.5	87.0	87.4	87.5	88.3	88.6	88.6	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 2500	87.0	89.5	90.8	91.8	92.7	92.8	93.8	94.4	94.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 2000	87.0	89.5	90.8	91.8	92.7	92.8	93.8	94.4	94.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1800	87.5	90.2	91.5	92.6	93.4	93.5	94.3	95.2	95.4	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1500	87.6	90.4	91.9	93.2	94.2	94.3	95.4	96.1	96.3	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3
IV 1200	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0
IV 600	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0
IV 500	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0
IV 400	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0
IV 300	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0
IV 200	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0
IV 100	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0
IV 0	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION NO. 25218 STATION NAME FORT WELLSUM EC/USNA UNIT AVT YEAR 1966 MONTH 6

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD 1200-1300
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	
NO CEILING	7.3	57.5	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.4	58.4
≥ 20000	59.1	59.6	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.4	60.4
IV 18000	4.2	59.7	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.5	60.5
IV 16000	59.2	59.7	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.5	60.5
IV 14000	60.0	60.4	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.4	61.4
IV 12000	62.0	62.5	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.3	63.3	63.3	63.3	63.3	63.4	63.4
IV 10000	66.0	66.6	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.6	67.6	67.6	67.6	67.6	67.7	67.7
IV 9000	58.0	68.5	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.6	69.6	69.6	69.6	69.6	69.7	69.7
IV 8000	70.2	71.2	71.7	71.9	72.2	72.2	72.2	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.6	72.6
IV 7000	73.0	74.2	75.7	76.5	76.7	76.7	76.7	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.1	77.1
IV 6000	75.0	75.1	76.6	77.3	77.5	77.5	77.5	77.5	77.5	77.8	77.8	77.8	77.8	77.8	78.0	78.0
IV 5000	70.3	77.0	79.2	80.0	80.2	80.2	80.2	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.6	80.6
IV 4500	77.1	78.5	80.2	81.0	81.2	81.2	81.2	81.2	81.2	81.5	81.5	81.5	81.5	81.5	81.6	81.6
IV 4000	79.2	80.8	82.5	83.2	83.4	83.4	83.4	83.4	83.4	84.0	84.1	84.1	84.1	84.1	84.2	84.2
IV 3500	80.4	82.2	83.9	84.6	85.1	85.1	85.4	85.4	85.4	86.0	86.2	86.2	86.2	86.2	86.3	86.3
IV 3000	81.8	84.1	85.8	86.8	87.3	87.5	87.8	88.1	88.1	88.8	89.2	89.2	89.2	89.2	89.4	89.4
IV 2500	84.1	85.5	88.2	89.1	89.7	89.9	90.3	90.6	90.6	91.6	92.3	92.3	92.3	92.3	92.4	92.4
IV 2000	88.9	88.6	90.3	91.5	92.1	92.5	92.9	93.4	93.4	94.7	95.0	95.6	95.6	95.6	95.7	95.7
IV 1800	86.7	89.4	91.1	92.3	93.1	93.3	93.9	94.5	94.5	95.9	96.9	96.9	96.9	96.9	97.0	97.0
IV 1500	87.2	89.9	91.6	92.9	94.1	94.3	94.9	95.6	95.6	97.3	98.0	98.6	98.6	98.7	98.8	98.8
IV 1200	87.4	90.2	91.9	93.2	94.4	94.6	95.3	96.0	96.0	97.8	99.1	99.1	99.2	99.2	99.4	99.4
IV 1000	87.5	90.3	92.0	93.3	94.5	94.7	95.4	96.1	96.1	98.1	99.5	99.5	99.6	99.6	99.7	99.7
IV 900	87.5	90.3	92.0	93.3	94.5	94.7	95.4	96.1	96.1	98.1	99.7	99.7	99.8	99.8	99.9	99.9
IV 800	87.5	90.3	92.0	93.3	94.5	94.7	95.4	96.1	96.1	98.1	99.8	99.8	99.9	99.9	100.0	100.0
IV 700	87.5	90.3	92.0	93.3	94.5	94.7	95.4	96.1	96.1	98.1	99.8	99.8	99.9	99.9	100.0	100.0
IV 600	87.5	90.3	92.0	93.3	94.5	94.7	95.4	96.1	96.1	98.1	99.8	99.8	99.9	99.9	100.0	100.0
IV 500	87.5	90.3	92.0	93.3	94.5	94.7	95.4	96.1	96.1	98.1	99.8	99.8	99.9	99.9	100.0	100.0
IV 400	87.5	90.3	92.0	93.3	94.5	94.7	95.4	96.1	96.1	98.1	99.8	99.8	99.9	99.9	100.0	100.0
IV 300	87.5	90.3	92.0	93.3	94.5	94.7	95.4	96.1	96.1	98.1	99.8	99.8	99.9	99.9	100.0	100.0
IV 200	87.5	90.3	92.0	93.3	94.5	94.7	95.4	96.1	96.1	98.1	99.8	99.8	99.9	99.9	100.0	100.0
IV 100	87.5	90.3	92.0	93.3	94.5	94.7	95.4	96.1	96.1	98.1	99.8	99.8	99.9	99.9	100.0	100.0
IV 0	87.5	90.3	92.0	93.3	94.5	94.7	95.4	96.1	96.1	98.1	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME: POINT MUELSON PC/USKWA ROT APT YEARS: 57-66 MONTH: APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L Y 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	55.9	55.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.6
IV 18000 16000	58.1	58.2	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	58.8
IV 14000 12000	59.9	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.6
IV 10000 9000	67.9	68.0	68.4	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.9
IV 8000 7000	74.2	74.4	74.9	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.4
IV 6000 5000	78.6	79.0	79.4	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.0
IV 4500 4000	82.4	82.9	83.7	83.9	84.2	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.9
IV 3500 3000	85.3	85.9	86.9	87.1	87.6	88.0	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.6
IV 2500 2000	87.0	87.1	87.3	87.7	88.2	88.6	89.2	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	90.0
IV 1800 1500	88.8	89.3	90.6	90.9	91.8	92.6	93.1	93.8	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.7
IV 1200 1000	90.3	90.9	92.1	92.7	93.6	94.3	94.9	95.7	95.9	96.2	97.1	97.2	97.2	97.2	97.2	97.4
IV 900 800	91.2	91.8	93.0	93.6	94.4	95.2	95.6	96.7	96.9	97.3	98.3	98.7	98.7	98.8	98.8	99.0
IV 700 600	91.2	91.8	93.0	93.6	94.4	95.2	95.8	96.7	96.9	97.3	98.4	98.8	98.9	99.0	99.1	99.3
IV 500 400	91.4	92.1	93.3	94.0	94.9	95.7	96.2	97.1	97.3	97.8	98.9	99.2	99.3	99.4	99.7	99.9
IV 300 200	91.4	92.1	93.3	94.0	94.9	95.7	96.2	97.1	97.3	97.8	98.9	99.2	99.3	99.4	99.7	99.9
IV 100 0	91.4	92.1	93.3	94.0	94.9	95.7	96.2	97.1	97.3	97.8	98.9	99.2	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

FEDERAL AVIATION ADMINISTRATION
DATA PROCESSING DIVISION
NAF 1741
FIELD OFFICE - WASHINGTON, D.C.

CEILING VERSUS VISIBILITY

STATION NO. 1741 STATION NAME PORT & LINDSEY CO/ALASKA INT APT YEAR 1966 MONTH JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FORM NO. 0-14-5 (OL 1)

CEILING FEET	VISIBILITY - STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .516	≥ .4	≥ 0	
NO CEILING	51.0	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	52.0	52.0	52.0	52.0	52.1
IV 20000	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.4
IV 18000	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.4
IV 16000	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.6
IV 14000	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.6	56.6	56.7	56.7	56.7	56.7	56.8
IV 12000	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.9	57.9	57.9	58.0
IV 10000	63.9	64.1	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.6	64.7	64.7	64.8
IV 9000	68.0	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.7	68.8	68.8	68.9	69.0
IV 8000	70.4	70.7	70.7	70.7	70.9	70.9	70.9	71.0	71.0	71.1	71.1	71.1	71.2	71.3	71.3	71.4	71.4
IV 7000	74.3	74.6	74.6	74.6	74.9	74.9	74.9	75.1	75.0	75.1	75.1	75.2	75.3	75.3	75.4	75.4	75.6
IV 6000	75.0	75.2	75.2	75.2	75.6	75.6	75.6	75.7	75.7	75.8	75.8	75.8	75.9	76.0	76.0	76.1	76.2
IV 5000	77.8	78.0	78.0	78.0	78.3	78.3	78.3	78.4	78.4	78.6	78.6	78.6	78.7	78.8	78.8	78.9	79.0
IV 4500	79.0	79.3	79.3	79.3	79.7	79.7	79.7	79.8	79.8	79.9	79.9	80.0	80.1	80.1	80.1	80.2	80.3
IV 4000	81.2	81.8	82.1	82.2	82.9	82.9	83.0	83.1	83.1	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.7
IV 3500	82.7	83.2	83.7	83.8	84.6	84.6	84.8	84.9	84.9	85.0	85.0	85.1	85.2	85.2	85.3	85.3	85.4
IV 3000	84.9	85.6	86.0	86.1	86.9	86.9	87.2	87.3	87.3	87.4	87.4	87.6	87.7	87.8	87.8	87.9	88.0
IV 2500	86.0	86.7	87.2	87.4	88.3	88.3	88.8	89.2	89.3	89.4	89.4	89.6	89.7	89.8	89.9	89.9	90.0
IV 2000	87.4	88.1	88.7	88.9	89.8	89.8	90.4	91.1	91.2	91.7	91.7	91.8	91.9	92.0	92.1	92.1	92.2
IV 1800	87.7	88.4	89.1	89.3	90.2	90.2	90.9	91.7	91.8	92.2	92.3	92.4	92.6	92.7	92.8	92.9	93.0
IV 1500	88.0	89.6	90.2	90.4	91.6	91.6	92.2	93.1	93.1	93.8	94.4	94.6	94.7	94.8	94.9	95.0	95.0
IV 1200	89.0	90.7	91.3	91.5	92.7	92.7	93.3	94.1	94.2	95.2	96.0	96.1	96.2	96.3	96.4	96.4	96.6
IV 1000	89.9	91.0	91.7	91.9	93.0	93.0	93.7	94.4	94.6	95.7	96.5	96.7	96.8	96.9	97.0	97.1	97.1
IV 900	90.2	91.3	92.0	92.2	93.3	93.3	94.0	94.4	94.9	96.0	96.0	97.0	97.1	97.2	97.3	97.3	97.4
IV 800	90.2	91.3	92.0	92.2	93.3	93.3	94.0	94.4	94.9	96.0	96.0	97.0	97.1	97.2	97.3	97.4	97.4
IV 700	90.4	91.7	92.3	92.5	93.9	93.9	94.6	95.4	95.6	96.7	97.3	97.3	97.9	98.1	98.2	98.3	98.3
IV 600	91.0	92.2	92.9	93.1	94.4	94.4	95.1	96.0	96.1	97.3	98.1	98.3	98.4	98.7	98.8	98.9	98.9
IV 500	91.0	92.4	93.1	93.5	94.7	94.8	95.4	96.3	96.4	97.5	98.6	98.7	98.8	99.0	99.1	99.2	99.3
IV 400	91.1	92.6	93.2	93.7	94.8	94.9	95.6	96.4	96.6	97.7	98.7	98.8	98.9	99.1	99.2	99.3	99.4
IV 300	91.2	92.8	93.4	93.9	95.0	95.1	95.8	96.7	96.8	97.9	98.9	99.0	99.1	99.3	99.4	99.5	99.6
IV 200	91.3	92.9	93.6	94.0	95.1	95.2	95.9	96.8	96.9	98.0	99.0	99.1	99.2	99.4	99.5	99.6	99.7
IV 100	91.3	92.9	93.6	94.0	95.1	95.2	95.9	96.8	96.9	98.0	99.0	99.1	99.2	99.4	99.5	99.6	99.7
0	91.3	92.9	93.6	94.0	95.1	95.2	95.9	96.8	96.9	98.0	99.0	99.1	99.2	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
 SAFC ETAC
 AIR WEATHER SERVICE/TAL

CEILING VERSUS VISIBILITY

25212 STATION NO. FMAT DELSUN BC/WASKIVA DUT APT STATION NAME 57-66 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000000
 HOURS IN YEAR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .58	≥ .5	≥ .516	≥ .4	≥ 0
NO CEILING ≥ 20000	47.1	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
18000 16000	52.9	53.1	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
14000 12000	54.1	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
10000 9000	61.4	61.7	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.1	62.1
8000 7000	69.6	69.6	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.2	70.2	70.2
6000 5000	72.3	72.7	72.9	72.9	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3
4500 4000	76.2	76.6	76.9	76.9	76.9	76.9	77.0	77.1	77.1	77.1	77.4	77.4	77.7	77.7	77.7	77.7
3500 3000	80.4	81.2	81.6	81.6	81.7	81.9	82.0	82.1	82.1	82.2	82.7	82.7	82.9	82.9	82.9	82.9
2500 2000	84.6	85.7	86.0	86.1	86.4	86.7	87.0	87.1	87.2	87.3	88.0	88.0	88.2	88.2	88.2	88.2
1800 1500	87.1	87.3	87.7	87.9	88.4	88.7	89.4	89.7	89.8	90.1	90.8	90.8	91.0	91.0	91.0	91.0
1200 1000	89.1	89.9	90.3	90.7	91.2	91.4	92.2	92.4	92.6	93.6	94.8	94.8	95.0	95.0	95.0	95.0
900 800	91.1	91.7	92.1	92.4	92.8	93.4	94.2	94.7	94.8	96.0	97.6	97.6	98.0	98.1	98.1	98.1
700 600	91.9	92.3	92.7	93.4	93.7	94.4	94.9	95.0	96.3	97.9	97.9	98.3	98.4	98.4	98.4	98.4
500 400	92.4	92.9	93.2	94.0	94.2	95.0	95.4	95.6	96.9	98.6	98.6	99.1	99.2	99.4	99.4	99.4
300 200	92.9	93.3	93.7	94.4	94.7	95.4	95.9	96.0	97.3	99.1	99.1	99.7	99.8	100.0	100.0	100.0
100 0	92.9	93.3	93.7	94.4	94.7	95.4	95.9	96.0	97.3	99.1	99.1	99.7	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 500

REPORT OF THE INVESTIGATION
 OF THE
 FEDERAL BUREAU OF INVESTIGATION

CEILING VERSUS VISIBILITY

STATION: WINDSOR, ONTARIO, CANADA YEAR: 1960 MONTH: 11

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0100-1100
 MONTH (1-12)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0
NO CEILING ≥ 22000	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
IVM 18000 16000	55.9	55.9	56.0	56.3	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IVM 14000 12000	56.0	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IVM 10000 9000	57.0	57.0	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IVM 8000 7000	59.1	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IVM 6000 5000	62.9	62.9	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IVM 4500 4000	69.0	69.1	69.2	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IVM 3500 3000	70.3	70.4	70.7	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IVM 2500 2000	71.5	71.7	71.9	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IVM 1800 1500	73.0	73.9	74.1	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IVM 1200 1000	75.4	75.6	75.8	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IVM 900 800	77.7	77.6	78.1	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IVM 700 600	79.0	79.9	80.3	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IVM 500 400	81.8	82.1	82.8	83.1	83.0	83.5	83.8	83.9	83.9	84.0	84.0	84.1	84.1	84.1	84.1
IVM 300 200	83.0	83.4	84.6	84.9	85.3	85.3	85.8	85.9	85.9	86.1	86.2	86.2	86.2	86.2	86.2
IVM 100 0	84.9	85.4	86.8	87.6	88.3	88.3	89.1	89.3	89.3	89.6	89.7	89.7	89.7	89.7	89.7
IVM 0	89.7	86.7	87.0	88.3	89.2	89.2	90.1	90.3	90.3	90.6	90.7	90.7	90.7	90.7	90.7
IVM 0	90.9	87.7	89.1	90.0	91.1	91.1	92.0	92.3	92.3	92.6	92.9	93.1	93.2	93.2	93.2
IVM 0	88.9	89.6	91.6	92.6	93.4	93.9	95.0	95.4	95.4	95.8	96.2	96.6	96.7	96.7	96.7
IVM 0	90.9	90.3	92.2	93.6	94.5	94.9	96.0	96.4	96.4	96.8	97.2	97.5	97.9	97.9	97.9
IVM 0	90.0	90.9	92.8	94.1	95.3	95.4	96.6	97.0	97.0	97.3	97.8	98.1	98.4	98.4	98.6
IVM 0	91.3	91.2	93.1	94.4	95.7	95.8	96.9	97.3	97.3	97.7	98.3	98.7	99.0	99.1	99.1
IVM 0	90.4	91.3	93.2	94.6	95.0	95.9	97.0	97.4	97.4	97.8	98.4	98.9	99.1	99.1	99.2
IVM 0	91.7	91.6	93.4	94.8	96.0	96.1	97.2	97.7	97.7	98.0	98.7	99.0	99.3	99.4	99.7
IVM 0	90.9	91.6	93.7	95.0	96.2	96.3	97.4	97.9	97.9	98.2	98.9	99.2	99.6	99.7	99.9
IVM 0	91.0	91.0	93.8	95.1	96.3	96.4	97.0	98.0	98.0	98.3	99.0	99.3	99.7	99.8	100.0
IVM 0	91.0	91.9	93.8	95.1	96.3	96.4	97.0	98.0	98.0	98.3	99.0	99.3	99.7	99.8	100.0
IVM 0	91.0	91.9	93.8	95.1	96.3	96.4	97.0	98.0	98.0	98.3	99.0	99.3	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

ATO PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

STATION POINT MCDONALD AFB, MISSISSIPPI UNIT APT 57-66

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ 0
NO CEILING	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
18000	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
16000	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
14000	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
12000	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
10000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
9000	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
8000	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
7000	69.3	69.3	69.3	69.3	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	71.1	71.1	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
5000	76.4	76.4	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
4500	79.6	79.6	79.7	79.7	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
4000	82.2	82.2	82.3	82.3	82.3	82.4	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
3500	84.2	84.2	84.3	84.3	84.3	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
3000	86.2	86.2	86.4	86.7	86.9	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
2500	88.9	88.9	89.1	89.3	89.7	90.0	90.2	90.2	90.2	90.4	90.8	90.8	90.8	90.8	90.8	90.8
2000	90.7	90.7	90.9	91.2	91.6	91.9	92.3	92.3	92.3	92.6	92.9	92.9	92.9	92.9	92.9	92.9
1800	91.3	91.3	91.6	91.9	92.2	92.6	93.0	93.0	93.0	93.2	93.7	93.7	93.7	93.7	93.7	93.7
1500	92.3	92.6	92.8	93.1	93.4	93.8	94.3	94.3	94.4	94.7	95.3	95.3	95.3	95.3	95.3	95.3
1200	93.6	94.1	94.7	95.1	95.4	95.8	96.3	96.6	96.6	96.8	97.4	97.4	97.4	97.4	97.4	97.4
1000	93.9	94.4	95.1	95.7	96.0	96.3	96.9	97.1	97.1	97.3	98.0	98.0	98.3	98.3	98.3	98.3
900	94.3	95.1	95.5	96.3	96.7	97.2	97.6	97.8	97.8	98.0	98.8	98.8	99.2	99.2	99.2	99.2
800	94.3	95.1	95.5	96.3	96.7	97.2	97.6	97.8	97.8	98.0	98.8	98.8	99.2	99.2	99.2	99.2
700	94.4	95.4	96.1	96.7	97.0	97.3	97.9	98.1	98.1	98.3	99.2	99.3	99.7	99.7	99.7	99.7
600	94.6	95.6	96.2	96.8	97.1	97.4	98.0	98.2	98.2	98.4	99.4	99.4	99.9	99.9	99.9	99.9
500	94.6	95.6	96.2	96.8	97.1	97.4	98.0	98.2	98.2	98.4	99.4	99.4	99.9	99.9	99.9	99.9
400	94.6	95.6	96.2	96.8	97.1	97.4	98.0	98.2	98.2	98.4	99.4	99.4	99.9	99.9	99.9	99.9
300	94.6	95.6	96.2	96.8	97.1	97.4	98.0	98.2	98.2	98.4	99.4	99.4	99.9	99.9	99.9	99.9
200	94.6	95.6	96.2	96.8	97.1	97.4	98.0	98.2	98.2	98.4	99.4	99.4	99.9	99.9	99.9	99.9
100	94.6	95.6	96.2	96.8	97.1	97.4	98.0	98.2	98.2	98.4	99.4	99.4	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 200

ATC P...
 ...
 ...

CEILING VERSUS VISIBILITY

STATION NAME: ... DATE: 1-7-66 ... YEARS: ...

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1964-1966

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .45	≥ .36	≥ .24	≥ 0
25000	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
18000	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
16000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
14000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
12000	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
10000	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
9000	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
8000	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
7000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
6000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
5000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
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	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	86.2	86.2
3500	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
3000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
2500	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
2000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
1800	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
1500	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	95.3
1200	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
1000	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	96.7
900	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
800	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
700	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	97.2
600	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
400	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
300	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
200	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
100	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
0	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS: 700

DATA FOR INSTRUMENTED
STATION
FAIRBANKS, ALASKA

CEILING VERSUS VISIBILITY

STATION NAME FAIRBANKS STATE AK COUNTY FAIRBANKS YEAR 1950 MONTH APRIL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1950 APRIL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .5	≥ .5	≥ .5	≥ .5	≥ .5	≥ .5
NO CEILING	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IN 20000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IN 18000	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IN 16000	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IN 14000	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
IN 12000	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IN 10000	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
IN 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
IN 8000	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IN 7000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IN 6000	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IN 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
IN 4500	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	86.6	86.6	86.6
IN 4000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IN 3500	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IN 3000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IN 2500	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IN 2000	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IN 1800	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	96.8
IN 1500	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IN 1200	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IN 1000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 850	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 700	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 600	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 400	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 300	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 100	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
OFFICE OF THE
JOINT CHIEFS OF STAFF

CEILING VERSUS VISIBILITY

STATION: PORT ST. LOUIS, MISSOURI USN A UNIT ART 57-66 YEARS: _____ MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21047400
NO. OF OBS.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 20000	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
IV 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
IV 16000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 14000	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IV 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
IV 10000	64.9	64.9	64.9	64.9	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 9000	68.6	68.6	68.6	68.6	68.6	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 8000	72.8	72.9	72.9	73.1	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 7000	78.7	78.7	78.7	78.7	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 6000	79.6	79.6	79.6	79.6	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 5300	83.1	83.1	83.2	83.4	83.4	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 4500	85.1	85.2	85.4	85.4	85.4	85.8	86.1	86.2	86.2	86.2	86.3	86.4	86.4	86.4	86.4	86.4
IV 4000	87.1	87.1	88.2	88.4	88.4	88.8	89.1	89.2	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6
IV 3500	88.9	89.6	89.8	89.8	89.9	90.2	90.6	90.7	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0
IV 3000	89.7	90.3	90.6	90.6	90.9	91.2	91.9	92.1	92.1	92.4	92.6	92.6	92.6	92.6	92.6	92.6
IV 2500	90.7	91.3	91.6	91.6	92.0	92.3	93.1	93.4	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9
IV 2000	91.4	91.9	92.6	92.9	93.6	94.0	94.9	95.2	95.2	95.9	96.0	96.0	96.0	96.0	96.0	96.0
IV 1800	91.7	92.1	92.8	93.1	93.8	94.2	95.1	95.6	95.6	96.2	96.3	96.3	96.3	96.3	96.3	96.3
IV 1500	92.6	92.9	93.6	93.9	94.6	95.1	96.1	96.6	96.6	97.9	98.2	98.2	98.2	98.2	98.2	98.2
IV 1200	92.6	93.2	93.9	94.2	94.9	95.4	96.4	97.0	97.0	98.3	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000	93.0	93.4	94.1	94.4	95.1	95.7	96.7	97.2	97.2	98.6	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	93.0	93.4	94.1	94.4	95.1	95.7	96.7	97.2	97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	93.0	93.4	94.1	94.4	95.1	95.7	96.7	97.2	97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	93.0	93.4	94.1	94.4	95.1	95.7	96.7	97.2	97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	93.0	93.4	94.1	94.4	95.1	95.7	96.7	97.2	97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	93.0	93.4	94.1	94.4	95.1	95.7	96.7	97.2	97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	93.0	93.4	94.1	94.4	95.1	95.7	96.7	97.2	97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	93.0	93.4	94.1	94.4	95.1	95.7	96.7	97.2	97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	93.0	93.4	94.1	94.4	95.1	95.7	96.7	97.2	97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3
IV 100	93.0	93.4	94.1	94.4	95.1	95.7	96.7	97.2	97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	93.0	93.4	94.1	94.4	95.1	95.7	96.7	97.2	97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 900

CEILING VERSUS VISIBILITY

STATION NAME: WILMINGTON AIR FORCE BASE DATE: 57-66 YEAR: 1957 MONTH: 10

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

080679400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ 0	
NO CEILING	0.4	50.6	50.9	50.9	51.0	51.0	51.2	51.3	51.3	51.4	51.4	51.4	51.5	51.5	51.6	51.6
IV 20000	2.7	52.7	52.8	52.6	52.8	52.9	53.1	53.2	53.2	53.3	53.3	53.3	53.4	53.4	53.5	53.5
IV 18000	2.7	52.8	52.9	52.9	53.0	53.0	53.1	53.1	53.1	53.4	53.4	53.5	53.5	53.7	53.7	53.7
IV 16000	2.9	52.9	53.0	53.0	53.1	53.1	53.1	53.4	53.4	53.5	53.5	53.7	53.8	53.8	53.9	53.9
IV 14000	3.9	54.0	54.1	54.1	54.2	54.2	54.4	54.5	54.5	54.6	54.6	54.7	54.8	54.8	54.9	54.9
IV 12000	5.8	55.9	56.0	56.0	56.1	56.1	56.4	56.5	56.5	56.6	56.6	56.7	56.8	56.8	56.9	56.9
IV 10000	6.8	60.9	61.0	61.0	61.1	61.1	61.3	61.4	61.4	61.5	61.5	61.6	61.7	61.7	61.8	61.8
IV 9000	6.4	64.9	65.1	65.1	65.2	65.2	65.4	65.5	65.5	65.6	65.6	65.7	65.8	65.8	65.9	65.9
IV 8000	8.3	68.4	68.5	68.5	68.6	68.6	68.8	68.9	68.9	69.0	69.0	69.1	69.2	69.2	69.4	69.4
IV 7000	7.3	73.7	73.8	73.8	73.9	73.9	74.1	74.2	74.2	74.3	74.3	74.4	74.5	74.5	74.6	74.6
IV 6000	7.5	75.6	75.7	75.7	76.0	76.0	76.2	76.3	76.3	76.5	76.5	76.6	76.7	76.7	76.8	76.8
IV 5000	7.8	78.4	78.5	78.5	78.8	78.8	79.0	79.1	79.1	79.2	79.2	79.4	79.6	79.6	79.7	79.7
IV 4500	7.9	79.6	79.7	79.7	80.1	80.1	80.3	80.4	80.4	80.5	80.5	80.6	80.9	80.9	81.0	81.0
IV 4000	8.1	81.4	81.5	81.5	81.9	81.9	82.2	82.3	82.3	82.4	82.4	82.5	82.7	82.7	82.9	82.9
IV 3500	8.3	83.3	83.4	83.4	83.9	83.9	84.1	84.2	84.2	84.3	84.3	84.4	84.6	84.6	84.8	84.8
IV 3000	8.5	85.7	85.8	86.0	86.7	86.7	86.9	87.0	87.0	87.1	87.1	87.2	87.4	87.4	87.6	87.6
IV 2500	8.7	87.6	87.8	88.1	88.7	88.7	89.0	89.1	89.1	89.2	89.2	89.4	89.6	89.6	89.8	89.8
IV 2000	8.9	89.6	89.9	90.1	90.3	90.3	91.2	91.4	91.5	91.6	91.6	91.7	91.9	91.9	92.2	92.2
IV 1800	9.7	90.2	90.5	90.8	91.4	91.4	91.9	92.2	92.3	92.4	92.4	92.5	92.7	92.7	92.9	92.9
IV 1500	9.1	92.2	92.5	92.7	93.3	93.3	94.0	94.3	94.4	94.7	94.7	94.8	95.1	95.1	95.3	95.3
IV 1200	9.3	93.7	94.0	94.3	95.2	95.2	95.9	96.3	96.5	96.9	97.0	97.1	97.3	97.3	97.5	97.5
IV 1000	9.2	94.3	94.6	94.9	95.9	95.9	96.7	97.1	97.2	97.7	98.0	98.1	98.3	98.3	98.5	98.5
IV 900	9.2	94.6	94.9	95.3	96.2	96.2	97.0	97.4	97.5	98.1	98.4	98.5	98.7	98.7	98.9	98.9
IV 800	9.4	94.8	95.3	95.6	96.7	96.7	97.4	97.8	98.0	98.5	98.8	98.9	99.1	99.1	99.4	99.4
IV 700	9.3	94.9	95.4	95.7	96.8	96.8	97.5	98.0	98.1	98.6	99.0	99.1	99.4	99.4	99.6	99.6
IV 600	9.3	94.9	95.4	95.7	96.8	96.8	97.5	98.0	98.1	98.6	99.0	99.1	99.4	99.4	99.6	99.6
IV 500	9.3	94.9	95.4	95.7	96.8	96.8	97.5	98.0	98.1	98.6	99.0	99.1	99.4	99.4	99.6	99.6
IV 400	9.3	94.9	95.4	95.7	96.8	96.8	97.5	98.0	98.1	98.6	99.0	99.1	99.4	99.4	99.6	99.6
IV 300	9.3	94.9	95.4	95.7	96.8	96.8	97.5	98.0	98.1	98.6	99.0	99.1	99.4	99.4	99.6	99.6
IV 200	9.3	94.9	95.4	95.7	96.8	96.8	97.5	98.0	98.1	98.6	99.0	99.1	99.4	99.4	99.6	99.6
IV 100	9.3	94.9	95.4	95.7	96.8	96.8	97.5	98.0	98.1	98.6	99.0	99.1	99.4	99.4	99.6	99.6
IV 0	9.3	94.9	95.4	95.7	96.8	96.8	97.5	98.0	98.1	98.6	99.0	99.1	99.4	99.4	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 7,300

CEILING VERSUS VISIBILITY

STATION: 110T WALSLEY LC/USARV 110T APT YEARS: 57-66 MONTH: AY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0300
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 ≥ 25000	43.1	43.1	43.3	43.3	43.4	43.4	43.5	43.5	43.5	43.7	43.7	43.7	44.2	44.3	44.3	44.3
18000 16000	47.2	47.2	47.4	47.4	47.5	47.5	47.6	47.6	47.6	47.7	47.8	47.8	48.4	48.5	48.9	49.2
14000 12000	47.4	47.4	47.6	47.6	47.7	47.7	47.8	47.8	47.8	48.0	48.1	48.1	48.6	48.7	49.1	49.5
10000 9000	48.0	48.0	48.2	48.2	48.3	48.3	48.4	48.4	48.4	48.5	48.6	48.6	49.0	49.1	49.2	49.7
8000 7000	51.1	51.1	51.3	51.3	51.4	51.4	51.5	51.5	51.5	51.6	51.7	51.7	52.3	52.4	52.8	53.1
6000 5000	56.0	56.0	56.6	56.6	56.9	56.9	57.0	57.0	57.0	57.1	57.1	57.1	57.8	58.0	58.4	58.8
4500 4000	61.2	61.2	61.4	61.4	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.5	62.6	62.7	63.2
3500 3000	66.7	66.7	66.9	66.9	67.0	67.0	67.1	67.1	67.1	67.2	67.4	67.4	68.1	68.2	68.7	69.1
2500 2000	71.1	71.1	71.3	71.3	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.6	72.5	72.6	73.1	73.5
1800 1500	72.7	72.7	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.2	73.4	73.4	74.1	74.2	74.7	75.4
1200 1000	74.8	74.8	75.1	75.1	75.2	75.2	75.3	75.3	75.3	75.4	75.7	75.7	76.3	76.3	77.1	77.7
900 800	76.5	76.5	76.7	76.7	76.8	76.8	76.9	76.9	76.9	77.0	77.3	77.3	77.1	78.0	78.1	78.7
700 600	79.1	79.2	79.5	79.5	79.6	79.6	79.7	79.7	79.7	79.8	80.1	80.1	80.8	80.9	81.5	82.2
500 400	81.4	81.4	81.6	81.6	81.7	81.7	81.8	81.8	81.8	81.9	81.8	81.9	82.5	82.6	83.2	83.8
300 200	85.0	85.0	85.3	85.3	85.4	85.4	85.5	85.5	85.7	85.7	85.8	85.8	87.1	87.7	88.8	89.1
100 0	86.1	86.1	86.8	86.8	87.2	87.4	87.5	87.6	87.6	87.7	88.1	88.1	88.7	88.8	89.9	90.1
	88.3	88.7	89.0	89.2	89.3	89.7	89.8	90.0	90.1	90.4	90.4	90.9	91.4	91.4	92.2	92.6
	90.0	90.3	90.6	91.1	91.0	91.8	92.2	92.4	92.5	93.3	93.9	93.9	94.6	94.7	95.4	96.0
	90.2	90.5	91.2	91.6	92.3	92.6	92.9	93.1	93.4	94.3	94.9	94.9	95.8	95.8	96.6	97.2
	90.4	90.8	91.4	91.8	92.5	92.8	93.1	93.3	93.7	94.5	95.4	95.4	96.2	96.3	97.0	97.6
	90.9	90.9	91.6	92.2	92.5	93.1	93.7	94.0	94.3	95.2	96.0	96.0	96.9	96.9	97.6	98.3
	91.3	91.3	92.2	92.6	93.4	93.8	94.3	94.6	94.9	95.8	96.7	96.7	97.5	97.6	98.3	98.9
	91.1	91.5	92.4	92.8	93.7	94.0	94.5	94.8	95.2	96.0	96.9	96.9	97.7	97.8	98.5	99.1
	91.1	91.5	92.4	92.9	93.6	94.1	94.6	94.9	95.3	96.2	97.1	97.1	98.0	98.1	98.7	99.4
	91.1	91.5	92.4	92.9	93.6	94.1	94.6	94.9	95.3	96.2	97.1	97.1	98.0	98.1	98.7	99.4
	91.2	91.6	92.6	93.1	94.0	94.3	94.9	95.2	95.5	96.5	97.3	97.3	98.2	98.3	98.9	99.8
	91.2	91.6	92.6	93.1	94.0	94.3	94.9	95.3	95.6	96.6	97.4	97.4	98.3	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 516

ATA/PROFESSION DIVISION
 USAF ETAC
 INSTRUMENT APPROVAL

CEILING VERSUS VISIBILITY

STATION: 0471 COUNTY: CLATSOP STATE: OR DISTRICT: 57-60 YEARS: _____ MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FORM NO. 0-100-0100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	44.0	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.2
IV 20000	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.2
IV 18000	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.2
IV 16000	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.4
IV 14000	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3
IV 12000	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7
IV 10000	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.5
IV 8000	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.4
IV 7000	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.8
IV 6000	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.5
IV 5000	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.4
IV 4500	74.8	74.8	74.8	74.8	74.8	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.4	75.6
IV 4000	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9	76.1	76.5
IV 3500	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.8
IV 3000	77.6	77.6	77.6	77.6	77.6	77.6	77.8	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.4	78.7
IV 2500	79.7	79.7	79.7	79.7	79.7	79.7	79.9	80.0	80.0	80.1	80.2	80.2	80.2	80.2	80.4	80.9
IV 2000	81.1	81.1	81.1	81.1	81.1	81.1	81.4	81.5	81.5	81.6	81.7	81.7	81.7	81.7	81.9	82.3
IV 1800	82.5	82.5	82.5	82.5	82.5	82.5	82.8	83.0	83.0	83.1	83.2	83.2	83.2	83.2	83.4	83.9
IV 1500	83.4	83.4	83.4	83.4	83.4	83.4	83.8	84.2	84.4	84.4	84.4	84.5	84.5	84.5	84.6	84.9
IV 1200	86.1	86.1	86.1	86.1	86.1	86.1	86.7	87.2	87.7	87.7	87.7	87.8	87.8	87.8	88.1	88.6
IV 1000	87.1	87.1	87.1	87.1	87.1	87.1	87.7	88.3	88.8	88.8	88.8	89.4	90.0	90.1	90.2	90.5
IV 900	88.2	88.2	88.2	88.2	88.2	88.2	89.2	90.1	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.9
IV 800	89.1	89.1	89.1	89.1	89.1	89.1	90.3	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.8
IV 700	90.2	90.2	90.2	90.2	90.2	90.2	91.7	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.4
IV 600	90.7	90.7	90.7	90.7	90.7	90.7	91.7	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.4
IV 500	91.0	91.0	91.0	91.0	91.0	91.0	92.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.6
IV 400	91.8	91.8	91.8	91.8	91.8	91.8	92.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.3
IV 300	92.7	92.7	92.7	92.7	92.7	92.7	94.3	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.7
IV 200	93.0	93.0	93.0	93.0	93.0	93.0	94.5	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9
IV 100	94.2	94.2	94.2	94.2	94.2	94.2	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.7
IV 0	94.2	94.2	94.2	94.2	94.2	94.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.3

TOTAL NUMBER OF OBSERVATIONS: 910

AIR FORCE DATA PROCESSING DIVISION
 USAF ETAC
 CIVIL WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION NAME: FAIRBANKS COUNTY: FAIRBANKS STATE: AK YEAR: 57-58 MONTH: AY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD: 0100-1400

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.1	≥ 0	≥ 0
NO CEILING	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
IV 20000	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
IV 18000	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
IV 16000	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 14000	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 12000	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 10000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 9000	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 8000	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	65.1	65.1
IV 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
IV 6000	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
IV 5000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 4500	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 4000	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
IV 3500	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
IV 3000	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
IV 2500	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 2000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 1800	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	85.9	85.9
IV 1500	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
IV 1200	90.6	91.1	91.3	91.3	91.3	91.5	91.7	91.8	91.8	92.3	92.7	92.7	92.7	92.7	92.7
IV 1000	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.7	95.1	95.1	95.1	95.1	95.1
IV 900	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	96.3	96.8	96.8	96.8	96.8	96.8
IV 800	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	97.3	97.6	97.6	97.6	97.6	97.6
IV 700	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	98.1	98.4	98.4	98.4	98.4	98.4
IV 600	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.8	99.2	99.2	99.2	99.2	99.2
IV 500	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	99.1	99.7	99.7	99.7	99.7	99.7
IV 400	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	99.4	99.9	99.9	99.9	99.9	99.9
IV 300	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.5	100.0	100.0	100.0	100.0	100.0
IV 200	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.5	100.0	100.0	100.0	100.0	100.0
IV 100	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.5	100.0	100.0	100.0	100.0	100.0
IV 0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.5	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 210

DATA PROCESSING DIVISION
 AFCEC/ETAC
 AIR FORCE ENGINEERING CENTER

CEILING VERSUS VISIBILITY

STATION NO. 120011406 STATION NAME 120011406 YEARS 57-66 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

120011406

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	47.7	47.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 20000	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
IVM 18000	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
IVM 16000	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IVM 14000	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
IVM 12000	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
IVM 10000	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 9000	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 8000	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 7000	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 6000	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 5000	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 4500	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 4000	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 3500	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 3000	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 2500	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 2000	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 1800	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 1500	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 1200	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 1000	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 900	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 800	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 700	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 600	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 500	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 400	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 300	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 200	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IVM 100	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
0	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2

TOTAL NUMBER OF OBSERVATIONS 910

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

STATION: 25213 FORT WELSON BC/ALASKA MILITARY YEARS: 57-66 DAY: 1-00-1700
MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .5	≥ .5	≥ .5	≥ .5	≥ 0
NO CEILING	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
IV 20000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 18000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 16000	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
IV 14000	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
IV 12000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
IV 10000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
IV 9000	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 8000	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
IV 7000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 6000	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
IV 5000	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
IV 4500	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	79.9	79.9	79.9
IV 4000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 3500	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	85.9	85.9	85.9
IV 3000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 2500	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 2000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 1800	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1500	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 1200	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 900	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	96.6	96.6	96.6
IV 800	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	97.2
IV 700	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 600	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 500	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 400	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 300	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 200	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 100	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS: 910

DATA PROCESSING DIVISION
 USAF ETAC
 WASHINGTON FIELD OFFICE

CEILING VERSUS VISIBILITY

STATION NAME: ROY L. SELLER ICAO: WJF APT: 57-66 YEARS: _____ MONTH: _____ DAY: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2400
MONTHLY

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 ≥ 25000	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
IV 18000 16000	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
IV 14000 12000	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
IV 10000 9000	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
IV 8000 7000	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 6000 5000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 4500 4000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 3500 3000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 2500 2000	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 1800 1500	94.6	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
IV 1200 1000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 900 800	97.4	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 700 600	97.6	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 500 400	98.1	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 300 200	98.1	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100 0	98.1	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 930

FATE PROCESSING DIVISION
 354 ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25210 STATION NO. FAF1 NELSON BC/HUNTER INT APT 57-66 YEARS MONTH AY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
 4000 (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	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 18000 16000	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 14000 12000	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
IV 10000 9000	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 8000 7000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 6000 5000	77.7	79.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 4500 4000	81.7	84.1	84.1	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
IV 3500 3000	88.5	88.9	88.9	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
IV 2500 2000	92.2	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1800 1500	93.9	94.5	94.6	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
IV 1200 1000	95.9	96.7	96.8	96.9	97.3	97.3	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 900 800	96.5	97.4	97.5	97.6	98.1	98.1	98.2	98.3	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
IV 700 600	96.6	97.6	97.7	97.8	98.3	98.3	98.4	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2
IV 500 400	96.7	97.7	98.1	98.2	98.6	98.6	98.7	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8
IV 300 200	96.7	97.7	98.3	98.4	98.8	98.8	98.9	99.1	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 100 0	96.7	97.7	98.3	98.4	98.8	98.8	98.9	99.1	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 213

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/DWG

CEILING VERSUS VISIBILITY

STATION 22713 FORT WELLS, NC / WSKW 57-66 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0200

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ 0	
NO CEILING	49.2	49.2	49.2	49.2	49.2	49.2	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	51.6	51.7	51.7	51.7	51.7	51.7	52.0	52.0	52.0	52.3	52.3	52.3	52.4	52.4	52.4	52.4
IV 18000	51.7	51.8	51.8	51.8	51.8	51.8	52.1	52.1	52.1	52.4	52.4	52.4	52.6	52.6	52.6	52.6
IV 14000	51.7	51.8	51.8	51.8	51.8	51.8	52.1	52.1	52.1	52.4	52.4	52.4	52.6	52.6	52.6	52.6
IV 12000	53.6	53.6	53.6	53.6	53.6	53.6	53.9	53.9	53.9	54.2	54.2	54.2	54.3	54.3	54.3	54.3
IV 10000	60.1	60.2	60.2	60.2	60.2	60.2	60.6	60.6	60.6	60.9	60.9	60.9	61.0	61.0	61.1	61.6
IV 9000	65.3	65.4	65.4	65.4	65.4	65.4	65.8	65.8	65.8	66.1	66.1	66.1	66.2	66.2	66.3	66.8
IV 8000	71.0	71.1	71.1	71.1	71.1	71.1	71.4	71.4	71.4	71.8	71.8	71.8	72.0	72.0	72.2	72.7
IV 7000	75.7	75.8	75.8	75.8	75.8	75.8	76.1	76.1	76.1	76.4	76.4	76.4	76.7	76.7	76.7	77.3
IV 6000	77.4	77.6	77.7	77.7	77.7	77.7	78.0	78.0	78.0	78.3	78.3	78.3	78.6	78.6	78.6	79.2
IV 5000	82.2	82.4	82.6	82.6	82.6	82.6	82.9	82.9	82.9	83.2	83.2	83.2	83.4	83.4	83.4	84.1
IV 4500	86.1	86.3	86.4	86.4	86.4	86.4	86.8	86.8	86.8	87.1	87.1	87.1	87.3	87.3	87.3	88.0
IV 4000	88.9	89.0	89.3	89.3	89.3	89.3	89.7	89.7	89.7	90.0	90.0	90.0	90.2	90.2	90.4	90.9
IV 3500	91.7	92.1	92.4	92.4	92.4	92.4	92.8	92.8	92.8	93.1	93.1	93.1	93.3	93.3	93.3	94.2
IV 3000	93.0	93.4	93.8	93.8	93.8	93.8	94.1	94.1	94.1	94.4	94.4	94.4	94.6	94.6	94.7	94.9
IV 2500	93.9	94.3	94.8	94.8	94.8	94.8	95.1	95.1	95.1	95.4	95.4	95.4	95.7	95.7	95.9	96.6
IV 2000	94.2	94.7	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.8	95.8	95.8	96.0	96.0	96.2	96.9
IV 1800	95.0	95.4	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.3	96.3	96.3	96.6	96.6	96.6	97.2
IV 1500	95.0	95.4	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.3	96.3	96.3	96.6	96.6	96.6	97.2
IV 1200	96.0	96.4	97.2	97.2	97.2	97.2	97.6	97.6	97.6	97.9	97.9	97.9	98.1	98.1	98.3	99.0
IV 1000	96.7	97.1	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.6	98.6	98.6	98.8	98.8	98.8	99.3
IV 900	96.7	97.1	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.6	98.6	98.6	98.8	98.8	98.8	99.3
IV 800	96.7	97.1	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.6	98.6	98.6	98.8	98.8	98.8	99.3
IV 700	96.7	97.1	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.6	98.6	98.6	98.8	98.8	98.8	99.3
IV 600	96.7	97.1	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.6	98.6	98.6	98.8	98.8	98.8	99.3
IV 500	96.7	97.1	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.6	98.6	98.6	98.8	98.8	98.8	99.3
IV 400	96.7	97.1	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.6	98.6	98.6	98.8	98.8	98.8	99.3
IV 300	96.7	97.1	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.6	98.6	98.6	98.8	98.8	98.8	99.3
IV 200	96.7	97.1	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.6	98.6	98.6	98.8	98.8	98.8	99.3
IV 100	96.7	97.1	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.6	98.6	98.6	98.8	98.8	98.8	99.3
IV 0	96.7	97.1	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.6	98.6	98.6	98.8	98.8	98.8	99.3

TOTAL NUMBER OF OBSERVATIONS 300

CEILING VERSUS VISIBILITY

STATION NAME: [] STATION NUMBER: [] DATE: 57-66 MONTH: [] YEARS: []

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

FORM 100 (9-50)

CEILING FEET	VISIBILITY STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ 0.75	≥ 0.5	≥ 0.4	≥ 0.3	≥ 0.2	≥ 0	
NO CEILING	44.1	44.1	44.3	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.9	45.1	45.1	45.6	45.6	46.2	47.4
IV 20000	47.3	47.7	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.4	48.7	48.7	49.1	49.3	50.0	51.3	
IV 18000	47.3	47.7	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.4	48.7	48.7	49.1	49.3	50.0	51.3	
IV 16000	47.3	47.7	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.4	48.7	48.7	49.1	49.3	50.0	51.3	
IV 14000	47.4	47.6	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.6	48.8	49.0	49.2	49.4	50.1	51.4	
IV 12000	50.0	51.1	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.9	52.1	52.1	52.6	52.8	53.4	54.7	
IV 10000	50.2	50.6	50.8	50.8	50.8	50.8	50.9	50.9	50.9	51.4	51.6	51.7	52.2	52.4	53.0	54.3	
IV 9000	63.4	63.6	63.8	63.8	63.9	63.9	64.0	64.0	64.0	64.7	64.9	64.9	65.6	65.8	66.7	68.2	
IV 8000	67.6	68.1	68.4	68.6	68.7	68.7	68.8	68.8	68.8	69.7	69.9	69.9	70.6	70.8	71.8	73.3	
IV 7000	71.7	72.0	72.3	72.4	72.5	72.5	72.7	72.7	72.7	73.6	73.8	73.8	74.6	74.7	75.7	77.2	
IV 6000	73.6	73.9	74.2	74.3	74.4	74.4	74.6	74.6	74.6	75.4	75.7	75.7	76.3	76.6	77.6	79.1	
IV 5000	76.6	78.6	78.9	79.0	79.1	79.1	79.2	79.2	79.2	80.1	80.3	80.3	81.0	81.2	82.2	83.9	
IV 4500	80.7	81.0	81.3	81.4	81.0	81.0	81.7	81.7	81.7	82.6	82.8	82.8	83.4	83.7	84.7	86.2	
IV 4000	83.7	84.0	84.3	84.7	84.8	84.8	84.9	84.9	84.9	85.8	86.0	86.0	86.7	87.0	88.0	89.6	
IV 3500	86.4	86.9	87.2	87.6	87.7	87.7	87.9	87.9	87.9	88.8	89.0	89.0	89.7	89.8	91.0	92.7	
IV 3000	88.3	88.8	89.1	89.4	89.0	89.0	89.6	89.6	89.6	90.7	90.9	90.9	91.6	91.9	93.0	94.8	
IV 2500	89.9	90.0	90.1	90.7	90.0	90.0	90.2	90.2	90.2	91.1	91.3	91.3	92.0	92.3	93.4	95.2	
IV 2000	90.9	90.0	90.1	90.7	90.0	90.0	91.0	91.0	91.0	91.9	92.1	92.1	92.8	93.1	94.2	96.0	
IV 1800	91.0	90.1	90.7	91.0	91.2	91.2	91.4	91.4	91.4	92.3	92.6	92.6	93.2	93.6	94.7	96.4	
IV 1500	91.4	91.6	91.2	91.6	91.9	91.9	92.1	92.1	92.1	93.0	93.2	93.2	93.9	94.2	95.3	97.1	
IV 1200	91.9	91.0	91.7	92.0	92.3	92.3	92.6	92.6	92.6	93.4	93.7	93.7	94.3	94.7	95.8	97.6	
IV 1000	92.6	91.9	92.6	92.9	93.2	93.2	93.4	93.4	93.4	94.3	94.6	94.6	95.2	95.6	96.7	98.7	
IV 900	92.9	92.0	92.7	93.0	93.3	93.3	93.6	93.6	93.6	94.4	94.7	94.7	95.3	95.7	96.8	98.8	
IV 800	92.9	92.0	92.7	93.0	93.3	93.3	93.6	93.6	93.6	94.4	94.7	94.7	95.3	95.7	96.8	98.8	
IV 700	93.0	92.1	92.8	93.1	93.4	93.4	93.7	93.7	93.7	94.6	94.8	94.8	95.4	95.8	96.9	98.9	
IV 600	93.1	92.3	93.0	93.3	93.7	93.7	93.9	93.9	93.9	94.8	95.0	95.0	95.7	96.0	97.1	99.1	
IV 500	93.1	92.4	93.1	93.6	93.9	93.9	94.2	94.2	94.2	95.1	95.3	95.3	96.0	96.3	97.4	99.4	
IV 400	93.4	92.7	93.3	93.6	94.1	94.1	94.4	94.4	94.4	95.3	95.6	95.6	96.2	96.6	97.7	99.7	
IV 300	93.4	92.7	93.3	93.8	94.1	94.1	94.4	94.4	94.4	95.3	95.6	95.6	96.2	96.6	97.7	99.7	
IV 200	93.4	92.7	93.3	93.8	94.1	94.1	94.4	94.4	94.4	95.3	95.6	95.6	96.2	96.6	97.7	99.7	
IV 100	93.4	92.7	93.3	93.8	94.1	94.1	94.4	94.4	94.4	95.3	95.6	95.6	96.2	96.6	97.7	99.7	
IV 0	93.4	92.7	93.3	93.8	94.1	94.1	94.4	94.4	94.4	95.3	95.6	95.6	96.2	96.6	97.7	99.7	

TOTAL NUMBER OF OBSERVATIONS: 200

DATA PROCESSING DIVISION
 USAF ETAC
 WPC CENTER, WPC/AFAC

CEILING VERSUS VISIBILITY

STATION 252.5 FAIT WILSON DC/USAF UNIT AFIT 57-66 YEARS 36

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6,330,980

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .5	≥ .516	≥ .4	≥ 0	
NO CEILING	44.4	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.1	45.2	45.3	45.3	45.4	45.5	45.5	45.6
IV 2500	50.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.3	51.4	51.4	51.6	51.7	51.7	52.0
IV 1800	50.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.3	51.4	51.4	51.6	51.7	51.7	52.0
IV 1600	50.7	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.4	51.6	51.6	51.7	51.7	52.0	52.7
IV 1400	51.0	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.8	51.9	51.9	52.0	52.1	52.3	53.0
IV 1200	54.7	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.4	55.6	55.6	55.7	55.8	56.0	56.7
IV 1000	59.4	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.3	60.6	60.6	60.7	60.8	61.1	61.8
IV 900	63.4	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.7	66.9	66.9	67.0	67.1	67.4	68.1
IV 800	70.3	70.6	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.2	71.4	71.4	71.6	71.7	72.0	72.7
IV 700	70.6	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.7	73.9	73.9	74.0	74.1	74.4	75.1
IV 600	73.4	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.6	74.8	75.0	75.0	75.1	75.2	75.6	76.2
IV 500	78.0	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.1	79.3	79.6	79.6	79.7	79.8	80.1	80.8
IV 450	79.3	80.0	80.2	80.2	80.3	80.3	80.3	80.3	80.4	80.7	80.9	80.9	81.0	81.2	81.5	82.2
IV 400	81.2	82.0	82.4	82.4	82.7	82.7	82.7	82.7	82.8	83.0	83.2	83.2	83.3	83.7	84.0	84.7
IV 350	82.9	83.6	84.4	84.6	84.7	84.7	84.7	84.7	84.8	85.0	85.2	85.2	85.4	85.8	86.1	86.8
IV 300	83.1	86.1	86.7	86.8	86.9	86.9	86.9	86.9	87.0	87.2	87.4	87.4	87.7	88.0	88.3	89.0
IV 250	83.9	86.9	87.4	87.6	87.7	87.7	87.7	87.7	87.8	88.0	88.2	88.2	88.4	88.8	89.1	89.8
IV 200	85.0	87.7	88.2	88.3	88.4	88.4	88.4	88.4	88.6	88.8	89.0	89.0	89.2	89.6	89.9	90.6
IV 180	87.0	88.3	89.9	89.0	89.1	89.1	89.1	89.1	89.2	89.4	89.7	89.7	89.9	90.2	90.6	91.2
IV 150	88.4	90.0	90.6	90.7	90.8	90.8	90.8	90.8	90.9	91.1	91.3	91.3	91.6	91.9	92.2	92.9
IV 120	89.0	91.8	92.3	92.4	92.6	92.6	92.6	92.7	92.8	93.0	93.2	93.2	93.4	93.8	94.1	94.8
IV 100	90.7	92.7	93.2	93.4	93.9	93.6	93.6	93.7	93.8	94.2	94.4	94.4	94.7	95.0	95.3	96.0
IV 90	90.9	92.9	93.4	93.7	93.8	93.8	93.8	93.9	94.0	94.4	94.7	94.7	94.9	95.2	95.6	96.2
IV 80	91.4	93.4	94.0	94.3	94.4	94.4	94.4	94.4	94.7	95.1	95.3	95.3	95.6	95.9	96.2	96.9
IV 70	92.1	94.1	94.7	95.2	95.4	95.3	95.4	95.6	95.7	96.1	96.3	96.3	96.6	96.9	97.2	97.9
IV 60	92.3	94.3	95.0	95.4	96.1	96.1	96.2	96.3	96.4	96.9	97.1	97.1	97.3	97.7	98.0	98.7
IV 50	92.8	94.4	95.1	96.0	96.2	96.7	96.4	96.6	96.7	97.1	97.3	97.3	97.6	97.9	98.2	98.9
IV 40	92.8	94.8	95.4	96.3	96.6	96.6	96.8	96.8	97.0	97.4	97.7	97.7	97.9	98.2	98.5	99.2
IV 30	92.9	94.9	95.6	96.4	96.5	96.8	97.0	97.1	97.2	97.9	98.1	98.1	98.3	98.7	99.0	99.7
IV 20	92.9	94.9	95.6	96.4	96.9	96.9	97.2	97.3	97.4	98.1	98.3	98.3	98.6	98.9	99.2	100.0
IV 10	92.9	94.9	95.6	96.4	96.9	96.9	97.2	97.3	97.4	98.1	98.3	98.3	98.6	98.9	99.2	100.0
IV 0	92.9	94.9	95.6	96.4	96.9	96.9	97.2	97.3	97.4	98.1	98.3	98.3	98.6	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 700

CEILING VERSUS VISIBILITY

STATION: 15000 DATE: 1960 MONTH: 10
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) FORM 0-14.5

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0
20000	44.0	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
18300	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
16300	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
14300	52.2	52.2	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
12300	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
10000	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
9000	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
8000	65.7	65.7	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
7000	67.9	67.9	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
6000	69.1	69.1	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
5100	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	74.4
4500	75.8	75.8	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
4000	75.9	75.9	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
3500	81.3	81.3	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
3000	84.1	84.1	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
2500	86.4	86.4	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
2000	88.6	88.6	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
1800	89.4	89.4	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
1500	92.6	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
1200	93.9	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
1000	94.4	94.4	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
900	95.4	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
800	95.9	95.9	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
700	96.1	96.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
600	96.1	96.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
500	97.1	97.1	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
400	97.4	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
300	97.7	97.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200	97.9	97.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100	97.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	97.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS _____

AD-A100 241 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FT NELSON, MUSKWA APT, BRITISH COLUMBIA, CANADA. REVISED UNIFORM--ETC
JAN 72

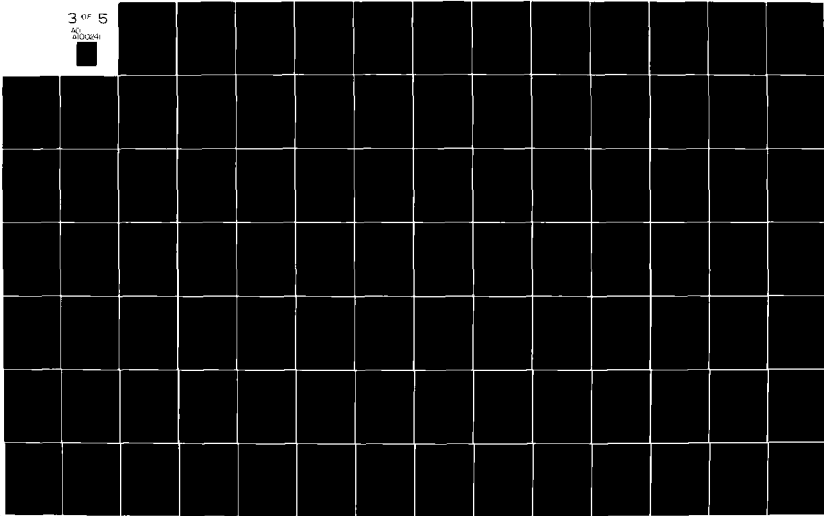
UNCLASSIFIED USAFETAC/US-81/036

SBIE-AD-E850 068

NL

3 of 5

AD
700000



DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/DAC

CEILING VERSUS VISIBILITY

STATION NO. 35218 STATION NAME FIRST WISCONSIN HC/ASL SKWA DJT WPT YEARS 57-66 MONTH 12

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.5	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.0	33.4	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
IV 25000	41.4	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
IV 18000	41.4	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
IV 16000	41.6	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
IV 14000	43.0	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
IV 12000	46.4	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
IV 10000	48.8	48.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
IV 9000	51.7	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
IV 8000	54.6	54.7	54.7	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 7000	57.7	57.8	58.0	58.0	58.4	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 6000	64.4	64.5	64.7	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 5000	71.4	71.6	71.9	71.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 4500	77.0	77.9	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 4000	81.9	82.1	82.3	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 3500	84.8	85.0	85.2	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 3000	87.7	88.0	88.2	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 2500	91.2	91.5	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 2000	93.2	93.5	93.8	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 1800	94.0	94.3	94.5	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1500	95.1	95.6	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1200	95.9	96.3	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1000	96.3	96.6	97.1	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 900	96.6	97.0	97.3	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 800	97.0	97.4	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	97.2	97.7	98.0	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
IV 600	97.4	98.1	98.4	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	97.6	98.2	98.7	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	97.7	98.3	98.8	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	97.7	98.3	98.8	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	97.7	98.3	98.8	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	97.7	98.3	98.8	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	97.7	98.3	98.8	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 399

DATA PROCESSING DIVISION
USAF ETAC
WILMINGTON AIRCRAFT

CEILING VERSUS VISIBILITY

STATION: 1-7-55 DATE: 10/15/66 YEAR: 57-66 MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1506-1704

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ 0	
INCEILING ≥ 25000	28.5	28.5	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
IV 18000 16000	38.8	38.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
IV 14000 12000	40.6	40.6	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
IV 10000 9000	49.2	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 8000 7000	55.5	55.5	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 6000 5000	66.7	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 4500 4000	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 3500 3000	88.3	88.4	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 2500 2000	93.9	94.1	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1800 1500	96.6	96.7	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1200 1000	97.7	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 900 800	97.9	98.3	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700 600	97.9	98.3	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500 400	98.0	98.6	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300 200	98.0	98.6	99.3	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100 0	98.0	98.6	99.3	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 297

AIR DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

STATION 25216 FORT NELSON BC/ALASKA OUT ART 57 66 YEARS MONTH 1 1966

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1406 HOURS PER YEAR

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	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 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
IV 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
IV 16000	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 14000	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 12000	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 10000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 9000	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 8000	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 7000	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 6000	76.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 5000	84.1	84.1	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 4500	86.1	86.1	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
IV 4000	89.1	89.1	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
IV 3500	91.3	91.4	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 3000	93.4	93.7	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2500	94.8	95.1	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 2000	97.1	97.4	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4
IV 1800	97.6	98.0	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1500	98.1	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	98.8	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 898

ATA PROFESSION DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION 25210 APT WILSON BC/HUS UNIT ART 27-66 YEARS 11 MONTH 11

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

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	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.6	45.6	45.7	45.7
≥ 20000	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.9	48.9
IV 18000	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.1	49.1
16000	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.3	49.3
IV 14000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.2	50.2
12000	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.2	53.2
IV 10000	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.6	60.6
9000	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.2	68.2
IV 8000	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.6	73.6	73.7	73.8	73.8
7000	77.4	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	78.0	78.1	78.1
IV 6000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.6	80.6	80.7
5000	84.9	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.9	86.0	86.0
IV 4500	88.1	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.1	89.2	89.2
4000	91.6	91.3	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.3	92.3	92.4	92.4
IV 3500	93.8	94.1	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.1	95.2	95.2
3000	95.0	95.3	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.4	96.4	96.6	96.6
IV 2500	96.2	96.6	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.7	97.7	97.8	97.8
2000	97.1	97.4	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.6	98.6	98.7	98.7
IV 1800	97.6	97.9	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.2	99.2
1500	97.7	98.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.4	99.4
IV 1200	97.7	98.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.4	99.4
1000	98.0	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8
IV 900	98.0	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8
800	98.0	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8
IV 700	98.0	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8
600	98.0	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8
IV 500	98.0	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8
400	98.0	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8
IV 300	98.0	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8
200	98.0	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8
IV 100	98.0	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8
0	98.0	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
 USAF ETAC
 OPERATIONAL SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION POINT WELSON BC/MUSKOGEE OUT CRT YEARS 57-66 MONTH ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0700

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	49.3	50.0	50.1	50.4	51.0	51.0	51.7	51.7	51.7	51.9	52.2	52.2	52.5	52.5	52.5	52.7
IV 20000	52.3	52.8	52.9	53.2	53.7	53.9	54.6	54.6	54.6	54.8	55.2	55.2	55.5	55.5	55.5	56.2
IV 18000	52.3	52.8	52.9	53.2	53.7	53.9	54.6	54.6	54.6	54.8	55.2	55.2	55.5	55.5	55.5	56.3
IV 16000	52.4	52.8	52.9	53.2	53.9	53.9	54.8	54.6	54.6	54.8	55.2	55.2	55.5	55.5	55.5	56.5
IV 14000	53.5	54.1	54.2	54.5	55.2	55.2	55.9	55.9	55.9	56.1	56.5	56.5	56.8	56.8	57.1	57.7
IV 12000	57.1	57.6	57.7	58.1	58.7	58.7	59.5	59.5	59.5	59.7	60.0	60.0	60.2	60.2	60.6	61.3
IV 10000	62.0	62.7	62.8	63.1	63.8	63.8	64.5	64.6	64.6	64.8	65.2	65.2	65.6	65.6	66.0	66.7
IV 9000	66.3	67.0	67.1	67.5	70.2	70.2	71.0	71.1	71.1	71.3	71.6	71.6	72.0	72.0	72.5	73.3
IV 8000	73.8	74.5	74.6	74.9	75.7	75.7	76.5	76.6	76.6	76.8	77.1	77.1	77.6	77.6	78.1	78.9
IV 7000	78.4	79.1	79.2	79.6	80.3	80.3	81.1	81.2	81.2	81.4	81.7	81.7	82.3	82.3	82.7	83.5
IV 6000	79.6	80.4	80.5	80.9	81.6	81.6	82.4	82.5	82.5	82.7	83.0	83.0	83.5	83.5	84.0	84.8
IV 5000	83.5	83.4	83.5	84.9	84.6	84.6	85.5	85.6	85.6	85.9	86.2	86.2	86.8	86.8	87.2	88.1
IV 4500	83.7	84.6	84.7	85.1	85.8	85.8	86.7	86.8	86.8	87.1	87.4	87.4	88.0	88.0	88.4	89.2
IV 4000	86.2	87.2	87.3	87.6	88.4	88.4	89.2	89.5	89.5	89.8	90.1	90.1	90.6	90.6	91.1	91.9
IV 3500	87.3	88.3	88.4	88.7	89.5	89.5	90.3	90.5	90.5	90.9	91.2	91.2	91.7	91.7	92.2	93.0
IV 3000	87.8	88.8	88.9	89.2	90.0	90.0	91.0	91.2	91.2	91.6	91.9	91.9	92.5	92.5	92.9	93.8
IV 2500	88.7	89.8	89.9	90.2	91.0	91.0	91.9	92.2	92.2	92.6	92.9	92.9	93.4	93.4	93.9	94.7
IV 2000	90.0	91.1	91.3	91.6	92.4	92.4	93.3	93.5	93.5	94.0	94.3	94.3	94.8	94.8	95.3	96.1
IV 1800	90.2	91.3	91.5	91.8	92.6	92.6	93.5	93.8	93.8	94.2	94.5	94.5	95.1	95.1	95.5	96.3
IV 1500	91.1	92.3	92.5	92.8	93.5	93.5	94.2	94.7	94.7	95.2	95.5	95.5	96.0	96.0	96.5	97.3
IV 1200	92.2	93.4	93.7	94.0	94.7	94.7	95.7	96.0	96.0	96.5	96.8	96.8	97.3	97.3	97.7	98.4
IV 1000	92.7	94.0	94.3	94.6	95.4	95.4	96.3	96.7	96.7	97.1	97.4	97.4	98.0	98.0	98.4	99.2
IV 900	92.7	94.1	94.4	94.7	95.5	95.5	96.5	96.8	96.8	97.2	97.5	97.5	98.1	98.1	98.5	99.4
IV 800	92.7	94.1	94.4	94.7	95.5	95.5	96.5	96.8	96.8	97.2	97.5	97.5	98.1	98.1	98.5	99.4
IV 700	92.7	94.1	94.4	94.7	95.6	95.6	96.6	96.9	96.9	97.3	97.6	97.6	98.2	98.2	98.6	99.5
IV 600	92.7	94.1	94.4	94.7	95.6	95.6	96.6	96.9	96.9	97.3	97.6	97.6	98.2	98.2	98.6	99.5
IV 500	92.7	94.1	94.4	94.7	95.6	95.6	96.6	96.9	96.9	97.3	97.6	97.6	98.2	98.2	98.6	99.5
IV 400	92.7	94.1	94.4	94.7	95.6	95.6	96.6	96.9	96.9	97.3	97.6	97.6	98.2	98.2	98.6	99.5
IV 300	92.7	94.1	94.4	94.7	95.6	95.6	96.6	96.9	96.9	97.3	97.6	97.6	98.2	98.2	98.6	99.5
IV 200	92.7	94.1	94.4	94.7	95.6	95.6	96.6	96.9	96.9	97.3	97.6	97.6	98.2	98.2	98.6	99.5
IV 100	92.7	94.1	94.4	94.7	95.6	95.6	96.6	96.9	96.9	97.3	97.6	97.6	98.2	98.2	98.6	99.5
IV 0	92.7	94.1	94.4	94.7	95.6	95.6	96.6	96.9	96.9	97.3	97.6	97.6	98.2	98.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25210 STATION FORT BELSAP, DC/DWSS, A DTI AET 57-60 YEARS MONTH JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0 100-0500
GROUP (CY)

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	48.2	48.7	49.4	49.5	50.2	50.4	50.6	50.6	50.6	51.2	51.4	51.4	52.0	52.0	52.2	52.8
≥ 20000	50.4	51.0	51.6	51.7	52.5	52.7	53.0	53.0	53.0	53.7	53.9	53.9	54.6	54.6	54.8	55.5
IV 18000	50.4	51.0	51.6	51.7	52.5	52.7	53.0	53.0	53.0	53.7	53.9	53.9	54.6	54.6	54.8	55.5
IV 16000	50.8	51.3	51.9	52.2	52.9	53.1	53.4	53.4	53.4	54.1	54.3	54.3	55.1	55.1	55.3	55.9
IV 14000	51.1	51.6	52.3	52.5	53.2	53.4	53.8	53.8	53.8	54.4	54.6	54.6	55.4	55.4	55.6	56.2
IV 12000	53.5	54.2	54.7	55.2	56.0	56.2	56.6	56.9	56.9	57.5	57.7	57.7	58.5	58.5	58.7	59.4
IV 10000	58.8	59.6	60.2	60.6	61.6	61.8	62.2	62.5	62.5	63.1	63.4	63.4	64.5	64.5	64.7	65.4
IV 9000	63.7	64.4	65.2	65.6	66.6	66.8	67.1	67.4	67.4	68.1	68.5	68.5	69.8	69.8	70.1	70.9
IV 8000	69.6	70.4	71.2	71.6	72.6	72.8	73.1	73.4	73.4	74.1	74.5	74.5	75.9	75.9	76.2	77.1
IV 7000	72.2	73.0	73.8	74.2	75.2	75.4	75.7	76.0	76.0	76.7	77.1	77.1	78.7	78.7	79.2	80.1
IV 6000	73.4	74.3	75.1	75.5	76.5	76.7	77.0	77.3	77.3	78.0	78.4	78.4	80.0	80.0	80.5	81.4
IV 5000	76.8	78.0	78.7	79.1	80.1	80.3	80.6	81.0	81.0	81.6	82.0	82.3	83.7	83.8	84.3	85.4
IV 4500	78.3	79.3	80.2	80.6	81.6	81.8	82.2	82.5	82.5	83.1	83.5	83.8	85.2	85.3	85.8	86.9
IV 4000	79.9	81.1	81.8	82.3	83.2	83.4	83.8	84.1	84.1	84.7	85.2	85.4	86.8	86.9	87.4	88.5
IV 3500	80.8	81.9	82.7	83.1	84.1	84.3	84.6	84.9	84.9	85.6	86.0	86.2	87.6	87.7	88.3	89.4
IV 3000	81.7	83.0	83.8	84.2	85.2	85.4	85.7	86.0	86.0	86.7	87.2	87.4	88.8	88.9	89.5	90.5
IV 2500	82.6	84.0	84.8	85.3	86.2	86.5	86.8	87.2	87.3	88.0	88.5	88.7	90.1	90.2	90.8	91.8
IV 2000	83.8	85.4	86.3	86.8	87.7	88.0	88.3	88.7	88.8	89.5	90.0	90.2	91.6	91.7	92.3	93.3
IV 1500	84.4	86.0	87.0	87.5	88.5	88.7	89.0	89.5	89.6	90.2	90.8	91.0	92.4	92.5	93.0	94.1
IV 1000	85.3	86.9	88.1	88.6	89.6	89.8	90.1	90.5	90.6	91.3	91.8	92.0	93.4	93.5	94.1	95.2
IV 1200	86.1	87.7	88.9	89.5	90.4	90.6	91.0	91.4	91.5	92.3	92.8	93.0	94.4	94.5	95.1	96.1
IV 1000	86.7	88.3	89.7	90.2	91.2	91.4	91.7	92.3	92.4	93.1	93.8	94.0	95.4	95.5	96.0	97.1
IV 900	86.7	88.4	89.9	90.4	91.4	91.6	91.9	92.5	92.6	93.3	94.0	94.2	95.6	95.7	96.2	97.3
IV 800	87.0	88.8	90.3	91.0	91.9	92.2	92.5	93.0	93.1	93.9	94.5	94.7	96.1	96.2	96.8	97.8
IV 700	87.0	88.8	90.4	91.1	92.2	92.4	92.8	93.3	93.4	94.2	94.8	95.1	96.5	96.6	97.1	98.2
IV 600	87.0	88.8	90.4	91.1	92.2	92.5	92.9	93.4	93.5	94.4	95.2	95.4	96.8	96.9	97.4	98.5
IV 500	87.0	88.8	90.4	91.1	92.2	92.5	92.9	93.4	93.5	94.4	95.2	95.4	96.8	96.9	97.4	98.5
IV 400	87.0	88.8	90.4	91.1	92.2	92.5	93.0	93.5	93.7	94.8	95.8	96.0	97.4	97.7	98.3	99.4
IV 300	87.0	88.8	90.4	91.1	92.2	92.5	93.0	93.5	93.7	94.8	95.8	96.0	97.4	97.7	98.3	99.4
IV 200	87.0	88.8	90.4	91.1	92.2	92.5	93.0	93.5	93.7	94.8	95.8	96.0	97.4	97.7	98.3	99.4
IV 100	87.0	88.8	90.4	91.1	92.2	92.5	93.0	93.5	93.7	94.8	95.8	96.0	97.4	97.7	98.3	99.4
IV 0	87.0	88.8	90.4	91.1	92.2	92.5	93.0	93.5	93.7	94.8	95.8	96.0	97.4	97.7	98.3	99.4

TOTAL NUMBER OF OBSERVATIONS 930

AIR FORCE DATA PROCESSING DIVISION
USAF ETAC
WIND WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION: 40716 FLMT WELSON EC/ILUSKWA DIT ART STATION NAME: 57-66 YEARS: _____ MONTH: JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

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	49.0	49.8	49.9	50.4	50.6	51.0	51.1	51.1	51.1	51.5	51.5	51.5	51.5	51.6	51.7	52.2
IV 20000	53.8	54.5	54.6	55.2	55.5	55.9	56.2	56.2	56.2	56.7	56.7	56.7	56.7	56.8	56.9	57.4
IV 18000	53.8	54.5	54.6	55.3	55.6	56.1	56.5	56.5	56.5	56.9	56.9	56.9	56.9	57.0	57.1	57.6
IV 16000	54.5	55.4	55.5	56.2	56.6	57.1	57.5	57.5	57.5	58.0	58.0	58.0	58.0	58.1	58.2	58.7
IV 14000	57.1	58.0	58.1	58.8	59.1	59.7	60.2	60.3	60.3	60.8	60.8	60.8	60.8	60.9	61.0	61.5
IV 12000	62.9	63.8	64.0	64.8	65.3	65.8	66.3	66.5	66.5	66.9	67.0	67.0	67.0	67.1	67.2	67.7
IV 10000	68.6	69.5	69.7	70.6	71.1	71.6	72.2	72.3	72.3	72.8	72.9	72.9	73.0	73.1	73.2	73.8
IV 9000	72.6	73.4	73.7	74.7	75.2	75.7	76.2	76.3	76.3	76.9	77.1	77.1	77.3	77.5	77.6	78.2
IV 8000	74.6	75.6	75.8	76.9	77.3	77.8	78.4	78.5	78.5	79.0	79.2	79.2	79.5	79.7	79.8	80.3
IV 7000	75.5	76.5	76.7	77.7	78.2	78.7	79.2	79.4	79.4	79.9	80.1	80.1	80.3	80.5	80.5	81.2
IV 6000	77.8	79.1	79.4	80.4	80.9	81.4	81.9	82.0	82.0	82.6	82.8	82.8	83.1	83.3	83.4	84.0
IV 5000	79.9	81.0	81.3	82.4	82.8	83.3	83.9	84.0	84.0	84.6	84.7	84.7	85.1	85.3	85.4	86.0
IV 4500	80.3	81.0	82.2	83.2	83.7	84.2	84.7	84.8	84.8	85.4	85.6	85.6	85.9	86.1	86.2	86.8
IV 4000	81.9	83.4	83.8	84.8	85.3	85.8	86.3	86.5	86.5	87.0	87.2	87.2	87.5	87.7	87.8	88.4
IV 3500	83.5	85.2	85.5	86.6	87.2	87.7	88.3	88.4	88.4	88.9	89.1	89.1	89.5	89.7	89.8	90.3
IV 3000	84.2	85.8	86.1	87.2	87.8	88.4	88.9	89.0	89.0	89.6	89.8	89.8	90.1	90.3	90.4	91.0
IV 2500	84.6	86.5	86.8	87.8	88.3	89.0	89.6	89.7	89.7	90.2	90.4	90.4	90.8	91.0	91.1	91.6
IV 2000	85.5	87.6	88.0	89.0	89.5	90.3	90.9	91.1	91.1	91.6	91.8	91.8	92.2	92.4	92.5	93.0
IV 1800	86.1	88.4	88.7	89.8	90.3	91.1	91.6	91.8	91.8	92.4	92.6	92.6	92.9	93.1	93.2	93.8
IV 1500	86.7	89.2	89.6	90.9	91.7	92.3	92.8	93.0	93.0	93.5	93.8	93.8	94.1	94.3	94.5	95.1
IV 1200	87.2	89.7	90.0	91.5	92.2	92.7	93.2	93.4	93.4	94.0	94.2	94.2	94.5	94.7	94.9	95.5
IV 1000	87.1	89.9	90.3	91.8	92.7	93.3	93.8	94.0	94.0	94.6	94.7	94.7	95.1	95.3	95.5	96.0
IV 900	87.4	90.2	91.0	92.2	93.1	93.9	94.4	94.6	94.6	95.2	95.4	95.4	95.7	95.9	96.1	96.7
IV 800	87.5	90.4	91.2	92.4	93.3	94.1	94.6	94.8	94.8	95.3	95.5	95.5	96.1	96.3	96.6	97.1
IV 700	87.6	90.6	91.4	92.8	94.0	94.5	95.1	95.3	95.3	96.0	96.3	96.3	96.8	97.0	97.3	97.8
IV 600	87.6	90.8	91.5	92.9	94.2	94.7	95.3	95.7	95.7	96.5	96.8	96.8	97.2	97.4	98.1	98.7
IV 500	87.8	91.0	91.8	93.2	94.6	95.2	95.9	96.1	96.1	97.1	97.3	97.3	98.1	98.3	99.0	99.8
IV 400	87.8	91.0	91.8	93.2	94.6	95.2	95.9	96.1	96.1	97.1	97.3	97.3	98.1	98.3	99.1	100.0
IV 300																
IV 200																
IV 100																
IV 0																

TOTAL NUMBER OF OBSERVATIONS: 930

CEILING VERSUS VISIBILITY

STATION NAME POINT BELSHAM BC/USNSA OUT ART YEAR 57-66 MONTH JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-1100
HOURS (LTA)

CEILING FEET	VISIBILITY STATUTE MILES.															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ 0
NO CEILING	50.2	50.9	51.7	51.7	52.2	52.2	52.2	52.2	52.2	52.3	52.5	52.5	52.5	52.5	52.5	52.5
IV 20000	55.2	55.9	56.8	56.8	57.4	57.4	57.4	57.4	57.4	57.5	57.7	57.7	57.7	57.7	57.7	57.7
IV 18000	55.4	56.0	56.9	56.9	57.5	57.5	57.5	57.5	57.5	57.6	57.8	57.8	57.8	57.8	57.8	57.8
IV 16000	55.8	56.5	57.3	57.3	58.0	58.0	58.0	58.0	58.0	58.3	58.5	58.5	58.5	58.5	58.5	58.5
IV 14000	56.3	57.1	58.0	58.0	58.6	58.6	58.6	58.6	58.6	59.0	59.2	59.2	59.2	59.2	59.2	59.2
IV 12000	60.1	60.9	61.7	61.7	62.4	62.4	62.4	62.4	62.4	62.8	63.0	63.0	63.0	63.0	63.0	63.0
IV 10000	63.7	64.4	65.3	65.3	66.0	66.0	66.1	66.1	66.1	66.6	66.8	66.8	66.8	66.8	66.8	66.8
IV 9000	67.6	68.4	69.2	69.2	70.2	70.2	70.3	70.3	70.3	70.8	71.1	71.1	71.1	71.1	71.1	71.1
IV 8000	71.6	72.6	73.4	73.4	74.5	74.5	74.6	74.6	74.6	75.1	75.4	75.4	75.4	75.4	75.4	75.4
IV 7000	73.1	73.9	74.7	74.7	75.8	75.8	75.9	75.9	75.9	76.3	76.7	76.7	76.7	76.7	76.7	76.7
IV 6000	73.7	74.4	75.3	75.3	76.3	76.3	76.5	76.5	76.5	76.9	77.2	77.2	77.2	77.2	77.2	77.2
IV 5000	75.8	76.6	77.6	77.6	78.7	78.7	78.9	78.9	78.9	79.4	79.7	79.7	79.7	79.7	79.7	79.7
IV 4500	77.1	77.8	78.9	78.9	80.0	80.0	80.2	80.2	80.2	80.6	81.0	81.0	81.0	81.0	81.0	81.0
IV 4000	79.0	79.8	80.9	80.9	81.9	81.9	82.2	82.2	82.2	82.6	82.9	82.9	82.9	82.9	82.9	82.9
IV 3500	80.2	81.0	82.0	82.0	83.1	83.1	83.3	83.3	83.3	83.8	84.1	84.1	84.1	84.1	84.1	84.1
IV 3000	81.0	81.7	82.8	82.8	84.0	84.0	84.2	84.2	84.2	84.6	84.9	84.9	84.9	84.9	84.9	84.9
IV 2500	82.7	83.4	84.5	84.5	85.7	85.7	85.9	85.9	85.9	86.3	86.7	86.7	86.7	86.7	86.7	86.7
IV 2000	84.8	85.6	86.8	86.8	88.1	88.1	88.3	88.3	88.3	88.7	89.0	89.0	89.0	89.0	89.0	89.0
IV 1800	85.4	86.1	87.3	87.4	88.6	88.6	88.8	88.8	88.8	89.2	89.6	89.6	89.6	89.6	89.6	89.6
IV 1500	86.7	87.6	88.9	89.0	90.2	90.2	90.4	90.4	90.4	90.9	91.2	91.2	91.2	91.2	91.2	91.2
IV 1200	89.1	90.4	91.8	91.9	93.2	93.2	93.4	93.4	93.4	93.9	94.2	94.2	94.2	94.2	94.2	94.2
IV 1000	90.5	92.0	93.5	93.9	95.2	95.2	95.5	95.5	95.5	95.9	96.2	96.2	96.2	96.2	96.2	96.2
IV 900	90.8	92.3	93.8	94.1	95.5	95.5	95.8	95.8	95.8	96.2	96.6	96.6	96.6	96.6	96.6	96.6
IV 800	91.4	93.0	94.5	94.9	96.3	96.3	96.7	96.7	96.7	97.1	97.4	97.4	97.4	97.4	97.4	97.4
IV 700	91.6	93.9	95.4	95.8	97.2	97.2	97.5	97.5	97.5	98.1	98.4	98.4	98.4	98.4	98.4	98.4
IV 600	92.2	94.4	95.9	96.3	97.8	97.8	98.2	98.3	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	92.4	94.6	96.1	96.7	98.2	98.2	98.5	98.6	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	92.4	94.6	96.2	96.8	98.4	98.4	98.7	98.8	98.8	99.3	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	92.4	94.6	96.3	96.9	98.5	98.5	98.8	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	92.4	94.6	96.3	96.9	98.5	98.5	98.8	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	92.4	94.6	96.3	96.9	98.5	98.5	98.8	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	92.4	94.6	96.3	96.9	98.5	98.5	98.8	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 910

ATA REVISION DIVISION
 USAF ETAC
 IN EAST WINDS

CEILING VERSUS VISIBILITY

STATION NAME ENTWISLON FIELD, WINDYVA, DUT APT YEAR 7-66
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 1-200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .5	≥ .5	≥ .5	≥ 0
INFINITY	43.5	43.7	44.0	44.1	44.7	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
20000	43.2	42.7	42.5	42.5	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
18000	42.3	42.4	42.7	43.0	43.4	43.4	43.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
16000	42.6	42.5	42.8	43.1	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
14000	42.6	42.7	43.0	43.3	44.2	44.2	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
12000	45.1	45.2	45.5	45.8	46.7	46.7	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
10000	46.8	46.9	47.2	47.7	48.5	48.5	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
9000	41.4	41.5	41.8	42.3	43.1	43.1	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
8000	44.0	44.1	44.4	44.8	45.8	45.8	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
7000	45.1	45.3	45.6	46.0	47.0	47.0	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
6000	46.2	46.4	46.7	47.1	48.3	48.3	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
5000	75.7	75.1	76.5	76.9	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
4500	77.2	77.6	78.0	78.5	79.8	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
4000	80.2	80.5	81.2	81.7	83.0	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
3500	83.0	83.8	84.1	84.6	85.9	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
3000	84.7	85.7	86.0	86.6	88.0	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
2500	88.3	89.4	89.7	90.2	91.6	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
2000	90.1	91.3	91.6	92.2	93.3	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
1800	90.9	92.0	92.4	92.9	94.3	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
1500	91.7	93.0	93.3	93.9	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
1200	92.8	94.4	94.7	95.5	97.6	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1000	93.5	95.4	95.7	96.5	98.6	98.3	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
900	93.6	95.6	95.9	96.7	98.2	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
800	93.9	95.9	96.2	97.0	98.2	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
700	94.1	96.5	96.8	97.5	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
600	94.1	96.5	96.8	97.6	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
500	94.1	96.5	96.8	97.6	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	94.1	96.5	96.8	97.6	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	94.1	96.5	96.8	97.6	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	94.1	96.5	96.8	97.6	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	94.1	96.5	96.8	97.6	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	94.1	96.5	96.8	97.6	99.2	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 930

DATA PROCESSING DIVISION
 USAF ETAC
 AIRCRAFT SERVICE/AC

CEILING VERSUS VISIBILITY

STATION NAME: WRIGHT PATERSON AFB, OHIO UNIT: AVT YEAR: 57-66 MONTH: JULY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .36	≥ .3	≥ 0
NO CEILING	41.8	42.0	42.4	42.4	42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
IV 20000	43.8	43.6	50.4	50.3	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 18000	50.2	50.4	50.4	50.9	51.0	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 16000	51.0	51.2	51.5	51.6	52.4	52.4	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 14000	51.7	51.9	52.3	52.4	53.1	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 12000	53.5	53.6	54.1	54.2	55.1	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 10000	59.5	59.7	60.1	60.2	61.2	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 9000	63.0	63.3	63.8	63.9	64.8	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 8000	66.5	67.0	67.4	67.5	68.5	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 7000	68.9	69.5	69.9	70.0	71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 6000	74.5	75.2	75.6	75.7	76.7	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 5000	81.7	82.4	83.0	83.1	84.2	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 4500	83.8	84.4	85.1	85.3	86.6	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 4000	85.9	86.6	87.3	87.5	88.8	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 3500	87.4	88.2	88.4	88.4	89.7	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 3000	89.2	90.3	91.1	91.3	92.6	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 2500	90.8	92.3	93.0	93.2	94.5	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 2000	91.9	93.7	94.4	94.6	95.9	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1800	92.0	94.3	95.1	95.3	96.6	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1500	93.0	94.7	95.5	95.7	97.0	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1200	93.4	95.3	96.0	96.2	97.5	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000	93.7	95.6	96.3	96.6	97.8	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 900	94.0	96.0	96.8	97.0	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	94.2	96.2	97.0	97.2	98.5	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	94.2	96.2	97.0	97.2	98.5	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	94.2	96.2	97.2	97.5	98.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	94.2	96.3	97.2	97.6	98.9	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	94.3	96.5	97.3	97.8	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	94.3	96.5	97.3	97.8	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	94.3	96.5	97.3	97.8	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	94.3	96.5	97.3	97.8	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	94.3	96.5	97.3	97.8	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

AIR FORCE DATA PROCESSING DIVISION
USAF ETAC
112 PATTERSON FIELD, CALIF.

CEILING VERSUS VISIBILITY

STATION: ELLY FIELD, CALIF. ICAO: 47-66 YEARS: _____ MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-6-7000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .2	
NO CEILING	44.9	45.5	45.0	45.6	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	
≥ 20000	54.4	55.1	55.2	55.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	
18000	54.5	55.7	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	
16000	55.2	55.8	55.9	55.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	
14000	56.1	56.9	57.0	57.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	
12000	58.5	59.2	59.4	59.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	
10000	64.1	64.9	65.2	65.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	
9000	71.2	72.0	72.3	72.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	
8000	74.0	75.1	75.3	75.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	
7000	75.6	76.6	77.0	77.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	
6000	77.3	78.5	78.8	79.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	
5000	83.2	84.5	84.8	85.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	
4500	85.4	86.8	87.2	87.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	
4000	88.2	89.8	90.3	90.8	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
3500	90.9	90.8	91.3	91.7	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
3000	92.6	92.8	93.3	93.6	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
2500	91.6	93.7	94.3	94.7	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
2000	92.0	94.7	95.5	95.9	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
1800	92.2	94.8	95.6	96.0	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
1500	93.0	95.7	96.5	96.9	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
1200	93.3	96.0	96.8	97.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
1000	93.3	96.1	96.9	97.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
900	93.3	96.1	96.9	97.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
800	93.4	96.2	97.0	97.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
700	93.5	96.3	97.1	97.5	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
600	93.7	96.5	97.2	97.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
500	93.7	96.5	97.3	97.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
400	93.7	96.6	97.4	97.8	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
300	93.7	96.6	97.4	97.8	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
200	93.7	96.6	97.4	97.8	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
100	93.7	96.6	97.4	97.8	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
0	93.7	96.6	97.4	97.8	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 230

ATA PORTLAND DIVISION
 USAF ETAC
 ESTER SERVICE/TAC

CEILING VERSUS VISIBILITY

STATION NAME: PORTLAND, OREGON, PORTLAND AIRPORT DATE: 57-66 YEARS: MONTH: 11

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

210 2300
 MONTHS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ 0	
NO CEILING	66.6	49.4	50.0	50.1	50.9	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IV 2000	66.1	54.6	55.5	55.6	56.3	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 1800	64.3	55.1	55.7	55.8	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 1600	54.0	55.4	56.0	56.1	56.9	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 1400	55.5	56.7	56.9	57.0	57.7	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 1200	57.6	58.4	59.0	59.1	60.0	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 1000	62.2	63.0	63.7	63.8	64.6	64.6	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 900	66.2	67.2	67.4	68.0	69.0	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 800	70.6	71.6	72.3	72.4	73.4	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 700	73.5	74.6	75.3	75.4	76.5	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 600	75.5	77.0	77.6	77.7	79.0	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 500	82.2	83.7	84.1	84.6	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 450	84.0	85.5	86.1	86.5	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 400	87.3	89.0	89.7	90.0	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 350	90.9	91.4	91.1	91.4	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 300	90.0	91.1	92.3	92.6	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 250	91.0	92.5	93.3	93.7	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 200	91.7	93.5	94.5	94.8	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1800	92.2	94.0	94.9	95.3	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1500	92.9	94.7	95.7	96.0	97.5	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1200	93.5	95.4	96.3	96.7	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1000	93.2	95.5	96.7	97.0	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900	93.5	95.5	96.7	97.0	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	93.5	95.5	96.7	97.0	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	93.7	95.7	96.9	97.2	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	93.7	95.7	96.9	97.2	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	93.7	95.7	96.9	97.2	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	93.7	95.7	96.9	97.2	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	93.7	95.7	96.9	97.2	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	93.7	95.7	96.9	97.2	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	93.7	95.7	96.9	97.2	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	93.7	95.7	96.9	97.2	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 210

CEILING VERSUS VISIBILITY

STATION SAIT (LUS) DATE 21-66 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .36	≥ .25	≥ 0
NO CEILING	54.9	55.2	56.5	56.7	56.9	56.9	57.0	57.0	57.0	57.2	57.2	57.2	57.5	57.5	57.5	57.7
20000	7.0	57.3	58.5	58.7	58.9	58.9	59.0	59.0	59.0	59.2	59.2	59.2	59.6	59.6	59.9	60.6
18000	7.0	57.3	58.5	58.7	58.9	58.9	59.0	59.0	59.0	59.2	59.2	59.2	59.6	59.6	59.9	60.6
16000	7.0	57.3	58.5	58.7	58.9	58.9	59.0	59.0	59.0	59.2	59.2	59.2	59.6	59.6	59.9	60.6
14000	9.9	60.2	61.4	61.9	62.2	62.2	62.3	62.3	62.3	62.6	62.6	62.6	62.9	62.9	63.2	64.1
12000	9.9	60.2	61.4	61.9	62.2	62.2	62.3	62.3	62.3	62.6	62.6	62.6	62.9	62.9	63.2	64.1
10000	65.5	65.8	67.0	67.5	67.7	67.7	67.8	67.8	67.8	68.2	68.2	68.2	68.5	68.5	68.8	69.7
9000	66.1	67.4	69.6	70.1	70.3	70.3	70.4	70.4	70.4	70.8	70.8	70.8	71.1	71.1	71.4	72.5
8000	71.6	72.3	73.4	74.0	74.2	74.2	74.3	74.3	74.3	74.6	74.6	74.6	74.9	74.9	75.3	76.4
7000	70.3	77.3	78.3	79.0	79.2	79.2	79.4	79.4	79.4	79.4	80.0	80.0	80.3	80.3	80.6	81.7
6000	70.0	77.6	80.2	80.8	81.2	81.2	81.3	81.3	81.3	81.9	81.9	81.9	82.3	82.3	82.6	83.7
5000	71.4	82.5	83.7	84.2	84.6	84.6	84.7	84.7	84.7	85.5	85.5	85.5	85.8	85.8	86.1	87.2
4500	72.4	83.4	84.0	85.2	85.6	85.6	85.7	85.7	85.7	86.5	86.5	86.5	86.8	86.8	87.1	88.2
4000	84.1	85.3	86.5	87.0	87.6	87.6	87.7	87.7	87.7	88.6	88.6	88.6	88.9	88.9	89.2	90.4
3500	86.3	87.5	88.1	88.8	88.8	88.8	88.9	88.9	88.9	89.8	89.8	89.8	89.8	89.8	90.1	91.4
3000	85.8	87.0	88.2	88.7	89.5	89.5	89.6	89.6	89.6	90.4	90.4	90.4	90.8	90.8	91.2	92.4
2500	86.5	87.7	88.9	89.5	90.3	90.3	90.4	90.4	90.4	91.3	91.3	91.3	91.6	91.6	92.0	93.1
2000	87.4	88.7	89.9	90.4	91.3	91.3	91.4	91.4	91.4	92.3	92.3	92.3	92.6	92.6	93.0	94.1
1800	87.6	88.9	90.1	90.6	91.5	91.5	91.6	91.6	91.6	92.5	92.5	92.5	92.8	92.8	93.2	94.3
1500	88.7	90.2	91.5	92.0	92.9	92.9	93.0	93.0	93.0	93.9	93.9	93.9	94.2	94.2	94.6	95.7
1200	89.4	91.6	92.4	92.9	93.9	93.9	94.0	94.0	94.0	94.8	94.8	94.8	95.2	95.2	95.6	96.7
1000	89.2	91.1	92.6	93.1	94.2	94.2	94.5	94.5	94.5	95.4	95.4	95.4	95.7	95.7	96.1	97.2
900	89.8	91.5	93.0	93.5	94.6	94.6	94.9	94.9	94.9	95.8	95.8	95.8	96.1	96.1	96.6	97.6
800	90.2	91.4	93.4	94.1	95.2	95.2	95.5	95.5	95.5	96.5	96.5	96.5	96.8	96.8	97.2	98.3
700	90.5	92.0	93.5	94.2	95.3	95.3	95.6	95.6	95.6	96.6	96.6	96.6	96.9	96.9	97.3	98.4
600	90.6	92.5	94.0	94.6	95.7	95.7	96.0	96.0	96.0	97.1	97.1	97.1	97.4	97.4	97.8	98.9
500	90.8	92.7	94.2	94.9	96.1	96.1	96.3	96.3	96.3	97.5	97.5	97.5	97.8	97.8	98.2	99.4
400	90.9	92.8	94.3	95.1	96.2	96.2	96.6	96.6	96.6	97.6	97.6	97.6	98.0	98.0	98.4	99.5
300	90.9	92.8	94.3	95.1	96.2	96.2	96.6	96.6	96.6	97.7	97.7	97.7	98.1	98.1	98.5	99.6
200	90.9	92.8	94.3	95.1	96.2	96.2	96.6	96.6	96.6	97.7	97.7	97.7	98.1	98.1	98.5	99.6
100	90.9	92.8	94.3	95.1	96.2	96.2	96.6	96.6	96.6	97.7	97.7	97.7	98.1	98.1	98.5	99.6
0	90.9	92.8	94.3	95.1	96.2	96.2	96.6	96.6	96.6	97.7	97.7	97.7	98.1	98.1	98.5	99.6

TOTAL NUMBER OF OBSERVATIONS 340

ATMOSPHERIC DIVISION
 SFC ETAC
 1500 EAST 17TH AVENUE

CEILING VERSUS VISIBILITY

UNIT: METERS / FEET MILES 57-60 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0-00-0000

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .58	≥ .5	≥ .36	≥ .3	≥ 0
∞	43.2	44.0	45.2	45.7	46.1	46.1	46.5	46.5	47.4	47.7	47.7	48.5	48.5	48.7	48.7	50.2
12000	43.1	45.8	47.0	47.5	48.0	48.1	48.2	48.3	48.3	49.2	49.6	49.7	50.2	50.3	50.4	52.7
18000	45.2	45.9	47.1	47.6	48.1	48.1	48.3	48.4	48.4	49.4	49.7	49.8	50.4	50.4	50.9	52.8
16000	45.8	46.1	47.3	47.8	48.3	48.3	48.5	48.6	48.6	49.6	49.9	50.0	50.6	50.6	51.1	53.0
14000	45.9	46.7	47.8	48.4	48.8	48.8	49.0	49.1	49.1	50.1	50.4	50.5	51.2	51.2	51.6	53.5
12000	44.1	50.0	51.8	52.2	52.6	52.6	52.9	53.0	53.0	54.0	54.3	54.4	55.2	55.2	55.6	57.5
10000	45.7	46.7	48.1	48.7	49.4	49.4	49.7	49.8	49.8	50.9	61.3	61.4	62.3	62.3	62.9	65.6
9000	60.6	61.8	63.0	63.9	64.3	64.3	64.7	64.8	64.8	65.9	66.3	66.5	67.3	67.3	68.0	70.6
8000	64.9	66.0	67.5	68.4	68.9	68.9	69.6	69.7	69.7	70.9	71.3	71.4	72.5	72.5	73.2	75.0
7000	68.6	69.7	71.2	72.0	72.6	72.6	73.2	73.3	73.3	74.5	74.9	75.1	76.1	76.1	76.9	79.7
6000	70.8	71.4	73.0	73.9	74.5	74.5	75.2	75.3	75.3	76.5	76.9	77.0	78.1	78.1	78.8	81.4
5000	72.8	73.9	75.5	76.3	77.0	77.0	77.6	77.7	77.7	78.9	79.4	79.5	80.5	80.5	81.3	84.2
4500	74.1	75.3	77.0	77.8	78.5	78.5	79.2	79.4	79.4	80.5	81.0	81.1	82.2	82.2	82.9	85.8
4000	76.0	77.2	78.9	79.8	80.5	80.5	81.2	81.5	81.5	82.7	83.1	83.2	84.3	84.3	85.1	88.0
3500	77.1	78.4	80.1	81.0	81.7	81.7	82.5	82.7	82.7	83.9	84.3	84.4	85.5	85.5	86.2	89.1
3000	77.2	78.7	80.4	81.3	82.0	82.0	82.8	83.0	83.0	84.2	84.6	84.7	85.8	85.8	86.6	89.5
2500	78.0	79.4	81.1	81.9	82.7	82.7	83.4	83.7	83.7	84.8	85.3	85.4	86.5	86.5	87.2	90.1
2000	78.8	80.2	82.2	83.0	83.9	83.9	84.6	84.8	84.8	86.0	86.5	86.6	87.6	87.6	88.4	91.3
1800	79.5	80.9	82.8	83.7	84.5	84.5	85.3	85.5	85.5	86.7	87.1	87.2	88.3	88.3	89.0	91.9
1500	80.0	81.7	83.7	84.5	85.4	85.4	86.1	86.3	86.3	87.5	88.0	88.1	89.1	89.1	89.9	92.8
1200	80.8	82.5	84.4	85.3	86.1	86.1	86.9	87.2	87.2	88.4	88.8	88.9	90.0	90.0	90.8	93.7
1000	81.5	83.4	85.5	86.3	87.2	87.2	88.0	88.3	88.3	89.5	89.9	90.0	91.1	91.1	91.8	94.7
900	82.2	84.0	86.1	87.1	88.0	88.0	88.7	89.0	89.0	90.2	90.6	90.7	91.8	91.8	92.6	95.5
800	82.7	84.7	87.0	88.0	88.8	88.8	89.6	89.9	89.9	91.1	91.5	91.6	92.8	92.8	93.5	96.4
700	82.9	85.4	87.6	88.7	89.6	89.6	90.3	90.6	90.6	91.8	92.3	92.4	93.7	93.7	94.4	97.3
600	83.0	85.6	87.8	89.0	90.0	90.0	90.8	91.1	91.1	92.3	92.7	92.8	94.1	94.1	94.8	97.7
500	83.1	85.8	88.3	89.5	90.5	90.5	91.3	91.6	91.6	92.8	93.3	93.4	94.7	94.7	95.5	98.4
400	83.1	85.8	88.3	89.5	90.5	90.5	91.3	91.6	91.6	92.8	93.3	93.4	94.7	94.7	95.5	98.4
300	83.1	85.8	88.3	89.5	90.5	90.5	91.3	91.6	91.6	92.8	93.3	93.4	94.7	94.7	95.5	98.4
200	83.1	85.8	88.3	89.5	90.5	90.5	91.3	91.6	91.6	92.8	93.3	93.4	94.7	94.7	95.5	98.4
100	83.1	85.8	88.3	89.5	90.5	90.5	91.3	91.6	91.6	92.8	93.3	93.4	94.7	94.7	95.5	98.4
0	83.1	85.8	88.3	89.5	90.5	90.5	91.3	91.6	91.6	92.8	93.3	93.4	94.7	94.7	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
 USAF ETAC
 1500 REAR FIELD VICE/140

CEILING VERSUS VISIBILITY

STATION: 49210 ILS: 1 BC: 1 DIST: ACT YEAR: 57-60 MONTH: 6
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) FROM 0600 TO 0400 LOCAL TIME

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	44.1	41.1	41.3	42.4	43.1	43.1	43.0	43.9	43.9	44.2	44.3	44.4	44.7	44.7	45.3	46.3
≥ 20000	44.1	43.9	46.8	47.3	48.1	48.1	48.7	48.9	48.9	49.2	49.4	49.4	49.9	49.9	50.4	51.0
≥ 18000	44.1	45.9	46.8	47.3	48.1	48.1	48.7	48.9	48.9	49.2	49.4	49.4	49.9	49.9	50.4	51.0
≥ 16000	44.2	45.1	46.9	47.4	48.2	48.2	48.8	49.0	49.0	49.4	49.5	49.5	50.0	50.0	50.5	51.7
≥ 14000	45.1	47.1	48.0	48.5	49.2	49.2	49.9	50.1	50.1	50.4	50.5	50.5	51.1	51.1	51.0	52.4
≥ 12000	47.1	49.1	50.2	50.9	51.6	51.6	52.4	52.5	52.8	53.2	53.4	53.4	54.0	54.0	54.5	55.7
≥ 10000	53.9	56.0	57.1	58.0	58.8	58.9	59.7	60.1	60.1	60.5	60.9	60.9	61.4	61.4	62.3	63.5
≥ 9000	57.5	59.5	60.9	61.8	62.7	62.8	63.5	64.0	64.0	64.4	64.7	64.7	65.3	65.3	66.1	67.6
≥ 8000	63.2	65.8	67.0	68.0	68.8	68.9	69.7	70.1	70.1	70.5	70.9	70.9	71.4	71.4	72.3	73.5
≥ 7000	70.3	69.9	71.1	72.0	72.9	73.0	73.8	74.2	74.2	74.6	74.9	74.9	75.5	75.5	76.3	77.8
≥ 6000	76.3	70.9	72.0	73.0	74.1	74.2	74.9	75.4	75.4	75.8	76.2	76.2	76.8	76.8	77.6	79.1
≥ 5000	71.2	73.9	75.1	76.0	77.1	77.2	78.0	79.4	78.4	78.6	79.2	79.2	79.8	79.8	80.6	82.3
≥ 4500	72.0	75.3	76.3	77.4	78.5	78.6	79.4	79.8	79.8	80.2	80.6	80.6	81.2	81.2	82.0	83.7
≥ 4000	72.7	75.3	77.5	78.5	79.6	79.7	80.5	81.0	81.0	81.5	81.9	81.9	82.5	82.5	83.3	84.9
≥ 3500	74.7	77.4	78.7	79.8	80.9	81.0	81.8	82.3	82.3	82.8	83.2	83.2	83.8	83.8	84.6	86.3
≥ 3000	75.1	78.0	79.2	81.4	81.5	81.8	82.5	82.9	82.9	83.4	83.9	83.9	84.6	84.6	85.3	87.0
≥ 2500	76.8	78.8	80.1	81.4	82.4	82.5	83.3	83.8	83.8	84.3	84.7	84.7	85.3	85.3	86.1	87.8
≥ 2000	76.6	79.0	81.0	82.3	83.3	83.4	84.4	84.9	84.9	85.4	85.8	85.8	86.3	86.3	87.2	88.9
≥ 1800	76.8	79.8	81.2	82.5	83.5	83.7	84.6	85.1	85.1	85.6	86.0	86.0	86.6	86.6	87.4	89.1
≥ 1500	77.4	81.1	82.0	83.9	84.9	85.1	86.0	86.5	86.5	87.0	87.3	87.3	88.1	88.1	88.9	90.6
≥ 1200	78.8	82.5	84.1	85.4	86.5	86.6	87.6	88.1	88.1	88.6	89.1	89.1	89.7	89.7	90.5	92.3
≥ 1000	79.7	83.3	82.1	86.3	87.4	87.5	88.6	89.0	89.0	89.6	90.1	90.1	90.6	90.6	91.5	93.2
≥ 900	80.3	84.3	86.2	87.5	88.7	88.8	90.0	90.4	90.4	91.0	91.5	91.5	92.0	92.0	92.9	94.6
≥ 800	80.6	85.1	87.2	88.5	89.7	89.8	91.0	91.4	91.4	92.0	92.5	92.5	93.0	93.0	93.9	95.6
≥ 700	81.0	85.4	87.5	88.8	90.1	90.2	91.4	91.8	91.8	92.4	92.9	92.9	93.4	93.4	94.3	96.0
≥ 600	81.2	86.0	88.2	89.5	90.8	90.9	92.0	92.5	92.5	93.1	93.6	93.6	94.1	94.1	95.0	96.7
≥ 500	81.7	86.2	88.4	89.8	91.3	91.4	92.6	93.0	93.0	93.7	94.1	94.1	94.6	94.6	95.5	97.2
≥ 400	81.9	86.5	88.6	90.0	91.7	91.8	93.0	93.4	93.4	94.1	94.5	94.5	95.1	95.1	96.0	97.7
≥ 300	82.2	85.7	88.8	90.2	91.9	92.0	93.2	93.7	93.7	94.4	94.7	94.7	95.3	95.3	96.2	97.9
≥ 200	82.4	86.9	89.0	90.4	92.2	92.3	93.4	93.9	93.9	94.1	94.9	94.9	95.5	95.5	96.2	97.7
≥ 100	82.4	86.9	89.0	90.4	92.2	92.3	93.4	93.9	93.9	94.1	94.9	94.9	95.5	95.5	96.2	97.7
0	82.4	86.9	89.0	90.4	92.2	92.3	93.4	93.9	93.9	94.1	94.9	94.9	95.5	95.5	96.2	97.7

TOTAL NUMBER OF OBSERVATIONS: 200

ATA P...
 DATE...
 I...
 STATION NAME

CEILING VERSUS VISIBILITY

1965 STATION NAME 17-60 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1965 11-00

CEILING FEET	VISIBILITY STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .2		
18000	57.0	53.4	54.2	54.8	55.1	55.1	55.2	55.2	55.2	55.3	55.5	55.5	55.5	55.5	55.5	55.6	55.6
16000	51.0	51.4	54.3	54.9	55.2	55.2	55.3	55.3	55.3	55.6	55.7	55.7	55.7	55.7	55.7	55.8	55.8
14000	52.7	54.4	55.2	55.8	56.0	56.3	56.1	56.1	56.1	56.5	56.6	56.6	56.6	56.6	56.7	56.7	56.7
12000	53.4	57.6	57.7	58.4	58.0	58.3	58.8	58.8	58.8	59.2	59.5	59.5	59.6	59.6	59.7	59.7	59.7
10000	59.8	61.7	62.7	63.4	63.7	63.7	64.7	64.3	64.3	64.7	64.9	64.9	65.1	65.1	65.2	65.2	65.2
8000	64.9	66.9	66.0	66.9	67.2	67.2	67.7	67.5	67.8	68.3	68.5	68.5	68.6	68.6	68.7	68.7	68.7
7600	67.6	69.7	70.9	71.8	72.2	72.2	72.7	72.8	72.8	73.2	73.4	73.4	73.5	73.5	73.7	73.7	73.7
6000	71.0	73.0	74.2	75.3	75.6	75.6	76.1	76.2	76.2	76.7	76.9	76.9	77.1	77.1	77.2	77.2	77.2
5600	72.9	74.9	76.1	77.2	77.6	77.6	78.2	78.3	78.3	78.7	78.9	78.9	79.1	79.1	79.2	79.2	79.2
4500	73.7	75.7	76.9	78.0	78.4	78.4	78.9	79.0	79.0	79.5	79.7	79.7	80.0	80.0	80.1	80.1	80.1
4000	74.8	76.9	78.1	79.1	79.6	79.6	80.1	80.2	80.2	80.6	80.9	80.9	81.2	81.2	81.3	81.3	81.3
3500	73.9	73.0	79.1	80.2	80.6	80.6	81.2	81.3	81.3	81.7	81.9	81.9	82.3	82.3	82.4	82.4	82.4
3000	76.9	77.1	80.4	81.5	81.9	81.9	82.5	82.6	82.6	83.0	83.2	83.2	83.5	83.5	83.7	83.7	83.7
2500	77.8	80.1	81.5	82.6	83.0	83.0	83.5	83.7	83.7	84.1	84.3	84.3	84.6	84.6	84.7	84.7	84.7
2000	76.9	81.4	82.8	83.9	84.3	84.3	84.8	84.9	84.9	85.4	85.6	85.6	85.9	85.9	86.1	86.1	86.1
1800	80.1	82.3	84.0	85.1	85.5	85.5	86.0	86.1	86.1	86.6	86.8	86.8	87.1	87.1	87.2	87.2	87.2
1500	81.8	84.3	85.7	86.8	87.2	87.2	87.7	87.8	87.8	88.3	88.5	88.5	88.8	88.8	88.9	88.9	88.9
1200	84.7	87.3	88.9	90.0	90.4	90.4	91.0	91.1	91.1	91.5	91.7	91.7	92.0	92.0	92.2	92.2	92.2
1000	86.1	83.8	90.4	91.5	91.9	91.9	92.5	92.5	92.6	93.0	93.2	93.2	93.5	93.5	93.7	93.7	93.7
900	87.0	89.7	91.3	92.4	92.8	92.8	93.3	93.4	93.4	93.9	94.1	94.1	94.4	94.4	94.5	94.5	94.5
800	87.7	90.5	92.7	93.9	94.3	94.4	94.9	95.1	95.1	95.6	95.8	95.8	96.1	96.1	96.2	96.2	96.2
700	88.0	91.0	92.9	94.3	94.8	95.1	95.6	95.8	95.8	96.3	96.5	96.5	96.7	96.7	97.0	97.0	97.1
600	88.6	91.6	93.5	94.9	95.6	95.8	96.3	96.6	96.6	97.2	97.4	97.4	97.7	97.7	97.8	97.8	97.8
500	89.4	92.0	94.1	95.7	96.7	96.9	97.4	97.6	97.6	98.3	98.5	98.5	98.8	98.8	98.9	98.9	98.9
400	89.1	92.4	94.4	96.0	97.0	97.2	97.7	98.0	98.0	98.6	98.9	98.9	99.4	99.4	99.5	99.5	99.5
300	91.4	92.6	94.6	96.2	97.2	97.4	98.0	98.2	98.2	98.8	99.1	99.1	99.7	99.7	99.8	99.8	99.8
200	91.4	92.6	94.6	96.2	97.2	97.4	98.0	98.2	98.2	98.8	99.1	99.1	99.7	99.7	99.9	99.9	99.9
100	91.4	92.6	94.6	96.2	97.2	97.4	98.0	98.2	98.2	98.8	99.1	99.1	99.7	99.7	99.9	99.9	99.9
0	89.9	92.6	94.6	96.2	97.2	97.4	98.0	98.2	98.2	98.8	99.1	99.1	99.7	99.7	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 210

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION NAME: ELFT ALSIA FC/BUSSKAW DUT APT YEAR: 57=66 MONTH: 12

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200=1400
400X (L)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1	≥ 1/2	≥ 1/4	
20000	45.2	45.5	46.2	46.6	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	51.3	52.0	52.9	53.3	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
16000	51.6	52.4	53.2	53.7	54.2	54.2	54.4	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
14000	52.0	53.5	54.5	55.2	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
12000	54.5	55.4	56.3	57.1	57.7	57.7	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
10000	56.6	59.6	60.6	61.5	62.2	62.2	62.4	62.4	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7
9000	61.0	61.9	63.2	64.1	64.7	64.7	64.9	64.9	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3
8000	63.9	64.8	66.1	67.0	67.6	67.6	67.8	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2
7000	66.0	67.0	68.3	69.2	69.9	69.9	70.1	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4
6000	67.5	68.5	70.0	71.0	71.6	71.6	71.8	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2
5000	71.0	71.9	73.4	74.4	75.1	75.1	75.3	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6
4500	73.7	74.6	76.1	77.1	77.7	77.7	78.0	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3
4000	76.8	77.7	79.2	80.2	80.9	80.9	81.1	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4
3500	78.4	79.4	80.9	81.8	82.5	82.5	82.7	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0
3000	81.2	82.2	83.7	84.6	85.3	85.3	85.5	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8
2500	83.3	84.5	86.0	87.0	87.6	87.6	87.8	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2
2000	85.8	87.1	88.6	89.6	90.2	90.2	90.4	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8
1800	86.6	88.0	89.5	90.4	91.1	91.1	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1500	87.2	88.7	90.2	91.2	91.8	91.8	92.0	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4
1200	89.0	90.5	92.3	93.3	94.0	94.0	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
1000	90.6	92.3	94.0	95.1	95.7	95.7	95.9	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
900	91.1	92.9	94.6	95.7	96.5	96.5	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
800	91.6	93.4	95.4	96.6	97.3	97.3	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
700	91.8	93.7	95.7	96.9	97.6	97.6	98.2	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
600	92.2	94.2	96.2	97.4	98.2	98.2	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
500	92.7	94.6	96.8	98.0	98.7	98.7	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
400	92.8	94.6	97.0	98.3	99.1	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	92.8	94.6	97.0	98.3	99.1	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	92.8	94.6	97.0	98.3	99.1	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	92.8	94.6	97.0	98.3	99.1	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	92.8	94.6	97.0	98.3	99.1	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 946

ATA PROCESSING DIVISION
 541 LTA
 17 BEATER BENTLEY MAC

CEILING VERSUS VISIBILITY

STATION PORT WILSON, LA / HUSK #4 OUT ART 57-66 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1-20-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
20000	46.3	46.8	47.0	47.4	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
18000	54.5	54.9	55.4	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
16000	54.5	54.9	55.4	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
14000	56.3	56.8	57.2	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
12000	58.4	59.4	59.9	61.2	61.4	61.4	61.4	61.5	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7
10000	63.9	64.3	64.8	66.2	66.5	66.5	66.5	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8
9000	66.3	66.6	67.3	68.7	68.9	68.9	68.9	68.9	68.9	69.0	69.1	69.2	69.2	69.2	69.2	69.2
8000	70.0	70.4	71.1	72.5	72.8	72.8	72.8	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1
7000	72.0	72.6	73.3	74.7	75.1	75.1	75.1	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4
6000	73.7	74.3	75.3	76.7	77.0	77.0	77.0	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3
5000	78.6	79.0	80.1	81.5	81.8	81.8	81.8	81.9	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2
4500	80.1	80.8	81.8	83.2	83.5	83.5	83.5	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9
4000	82.3	83.2	84.4	85.7	86.0	86.0	86.0	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3
3500	83.6	84.6	85.7	87.1	87.4	87.4	87.4	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7
3000	85.3	86.2	87.3	88.7	89.0	89.0	89.0	89.1	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4
2500	87.8	88.9	90.3	91.7	92.0	92.0	92.0	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4
2000	89.6	90.6	92.0	93.4	93.8	93.8	93.8	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1
1800	90.2	91.3	92.7	94.1	94.4	94.4	94.4	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7
1500	91.3	92.4	93.8	95.2	95.5	95.5	95.5	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
1200	92.3	93.4	94.9	96.3	96.7	96.7	96.7	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
1000	93.0	94.4	95.0	97.5	97.8	97.8	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
900	93.1	94.7	96.3	98.1	98.4	98.4	98.4	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
800	93.3	95.1	96.7	98.4	98.7	98.7	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
700	93.7	95.4	97.2	98.9	99.2	99.2	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
600	93.8	95.5	97.3	99.0	99.5	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
500	94.0	95.7	97.5	99.2	99.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
400	94.0	95.7	97.5	99.2	99.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
300	94.0	95.7	97.5	99.2	99.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
200	94.0	95.7	97.5	99.2	99.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
100	94.0	95.7	97.5	99.2	99.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	94.0	95.7	97.5	99.2	99.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

CEILING VERSUS VISIBILITY

STATION 25210 FAIRFAX AIRFIELD WASKO, VA 57-66 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-00-2000
MONTH (CY)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .2	
NO CEILING	42.7	57.2	50.2	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
IV 20000	56.4	56.8	57.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 18000	6.6	57.1	57.2	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 16000	57.3	57.8	58.0	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 14000	50.4	58.4	54.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 12000	60.6	61.3	61.5	62.8	63.0	63.3	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 10000	66.2	66.9	67.1	68.4	68.6	68.6	68.6	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 9000	70.3	71.0	71.2	72.5	72.7	72.7	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 8000	74.5	75.2	75.4	76.7	76.9	76.9	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 7000	77.0	78.4	78.7	80.0	80.2	80.2	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 6000	79.1	80.9	80.2	81.5	81.7	81.7	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 5000	83.1	83.9	84.2	85.5	85.7	85.7	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 4500	84.2	84.9	85.3	86.6	86.8	86.8	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 4000	86.0	86.8	87.1	88.4	88.6	88.6	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 3500	87.2	88.0	88.3	89.6	89.8	89.8	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 3000	89.9	90.9	91.2	92.5	92.7	92.7	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 2500	91.8	93.1	93.7	94.9	95.2	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 2000	92.4	93.7	94.4	95.7	95.9	95.9	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1800	92.7	94.0	94.7	96.0	96.2	96.2	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1500	93.2	94.7	95.5	96.9	97.1	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1200	93.4	95.3	96.0	97.4	97.6	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1000	93.8	95.7	96.7	98.1	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 900	94.1	96.0	97.0	98.5	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	94.1	96.0	97.0	98.5	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	94.1	96.0	97.1	98.6	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	94.4	96.3	97.4	98.9	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	94.4	96.3	97.4	98.9	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	94.5	96.5	97.6	99.1	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	94.5	96.5	97.6	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	94.2	96.5	97.6	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	94.5	96.5	97.6	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	94.5	96.5	97.6	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 330

DATA PROCESSING DIVISION
USAF ETAC
4100 LEATHERBERRY ROAD

CEILING VERSUS VISIBILITY

STATION NAME: WPT AFB, MISSOURI DLT ART: 5766 YEARS: _____ MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1960-1961

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	51.3	51.6	52.2	52.4	52.4	52.4	52.6	52.7	52.7	52.7	52.8	52.8	53.1	53.3	
IV 20000	54.7	55.4	55.7	56.2	56.5	56.5	56.5	56.7	56.7	56.8	56.8	56.8	56.9	56.9	57.2	57.5
IV 18000	54.9	55.6	55.9	56.5	56.7	56.7	56.7	56.9	56.9	57.0	57.0	57.0	57.1	57.1	57.4	57.7
IV 14000	55.6	56.2	56.6	57.1	57.3	57.3	57.3	57.5	57.5	57.6	57.6	57.6	57.6	57.7	57.7	58.1
IV 12000	57.3	58.0	58.4	59.0	59.2	59.2	59.4	59.6	59.6	59.7	59.7	59.7	59.8	59.8	60.1	60.4
IV 10000	61.6	62.5	62.9	63.8	64.0	64.0	64.1	64.3	64.3	64.4	64.4	64.4	64.5	64.5	64.8	65.2
IV 9000	63.7	64.6	65.0	65.8	66.1	66.1	66.2	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.9	67.2
IV 8000	71.3	72.3	72.7	73.5	73.8	73.8	73.9	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.6	74.9
IV 7000	74.3	75.3	75.7	76.6	76.8	76.8	76.9	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.7	78.1
IV 6000	76.1	77.2	77.6	78.5	78.9	78.9	79.0	79.2	79.2	79.4	79.4	79.4	79.5	79.5	79.9	80.2
IV 5000	80.6	81.8	82.3	83.1	83.5	83.5	83.7	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.5	84.8
IV 4500	82.7	83.9	84.3	85.2	85.6	85.6	85.7	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.6	86.9
IV 4000	84.8	86.0	86.5	87.3	87.7	87.7	87.8	88.1	88.1	88.2	88.2	88.2	88.4	88.4	88.8	89.1
IV 3500	86.5	87.6	88.2	89.0	89.5	89.5	89.6	89.8	89.8	89.9	89.9	89.9	90.1	90.1	90.5	90.9
IV 3000	88.4	89.6	90.1	91.0	91.4	91.4	91.5	91.7	91.7	91.8	91.8	91.8	92.0	92.0	92.5	92.8
IV 2500	9.1	90.3	90.9	91.7	92.2	92.2	92.3	92.5	92.5	92.6	92.6	92.6	92.8	92.8	93.2	93.5
IV 2000	90.8	91.0	91.5	92.5	92.9	92.9	93.0	93.2	93.2	93.4	93.4	93.4	93.7	93.7	94.1	94.4
IV 1800	90.2	91.5	92.0	93.0	93.5	93.5	93.7	93.9	94.0	94.0	94.2	94.2	94.4	94.4	94.8	95.2
IV 1500	91.0	92.3	92.9	94.0	94.6	94.7	94.9	95.2	95.2	95.4	95.4	95.4	95.6	95.6	96.0	96.3
IV 1200	92.0	93.5	94.2	95.3	95.9	96.0	96.3	96.6	96.6	96.8	96.8	96.8	97.0	97.0	97.4	97.7
IV 1000	92.4	94.1	94.8	96.0	96.7	96.8	97.1	97.3	97.3	97.5	97.5	97.5	97.7	97.7	98.2	98.5
IV 900	92.9	94.6	95.4	96.7	97.3	97.4	97.7	98.0	98.0	98.2	98.2	98.2	98.4	98.4	98.8	99.1
IV 800	93.0	94.7	95.6	96.9	97.5	97.6	98.0	98.2	98.2	98.4	98.4	98.4	98.6	98.6	99.0	99.4
IV 700	93.0	94.7	95.7	97.0	97.6	97.8	98.2	98.4	98.4	98.6	98.6	98.6	98.8	98.8	99.2	99.4
IV 600	93.0	94.7	95.7	97.0	97.6	97.8	98.2	98.4	98.4	98.6	98.6	98.6	98.8	98.8	99.2	99.4
IV 500	93.0	94.7	95.7	97.0	97.7	98.0	98.3	98.5	98.5	98.7	98.7	98.7	98.9	98.9	99.4	99.7
IV 400	93.2	94.9	95.9	97.2	98.0	98.2	98.5	98.7	98.7	98.9	98.9	98.9	99.1	99.1	99.6	99.9
IV 300	93.2	95.1	96.0	97.3	98.1	98.3	98.6	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.7	100.0
IV 200	93.2	95.1	96.0	97.3	98.1	98.3	98.6	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.7	100.0
IV 100	93.2	95.1	96.0	97.3	98.1	98.3	98.6	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.7	100.0
IV 0	93.2	95.1	96.0	97.3	98.1	98.3	98.6	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

DATA PROCESSING DIVISION
USAF ETAC
ATP EATER SERVICE/AC

CEILING VERSUS VISIBILITY

2571 FORT WILSON AC/ALASKA OUT APT 57-66 YEARS SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0300

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2
NO CEILING	47.6	48.1	48.3	48.4	48.8	48.8	48.9	49.1	49.2	49.4	49.6	49.6	50.6	50.8	51.3	52.3
IV 20000	50.1	50.7	50.9	51.0	51.3	51.3	51.4	51.7	51.8	52.0	52.1	52.1	53.1	53.3	53.9	54.9
IV 18000	50.1	50.7	50.9	51.0	51.3	51.3	51.4	51.7	51.8	52.0	52.1	52.1	53.1	53.3	53.9	54.9
IV 16000	50.2	50.8	51.0	51.1	51.4	51.4	51.6	51.8	51.9	52.1	52.2	52.2	53.2	53.4	54.0	55.0
IV 14000	51.3	51.9	52.1	52.2	52.6	52.6	52.7	52.9	53.0	53.3	53.4	53.4	54.4	54.7	55.2	56.4
IV 12000	54.6	55.1	55.3	55.4	55.8	55.8	55.9	56.1	56.2	56.7	56.9	56.9	58.1	58.4	59.1	60.3
IV 10000	60.1	60.9	61.2	61.3	61.7	61.7	61.8	62.0	62.1	62.8	63.0	63.0	64.3	64.8	65.4	67.1
IV 9000	63.1	63.9	64.2	64.3	64.7	64.7	64.8	65.0	65.1	65.8	66.1	66.1	67.4	67.9	68.6	70.3
IV 8000	67.8	68.6	68.9	69.0	69.3	69.3	69.4	69.7	69.8	70.4	70.8	70.8	72.1	72.6	73.2	75.2
IV 7000	70.8	71.6	71.9	72.0	72.4	72.4	72.6	72.8	72.9	73.6	73.9	73.9	75.2	75.7	76.4	78.7
IV 6000	71.2	72.0	72.3	72.4	72.9	72.9	73.0	73.2	73.3	74.0	74.3	74.3	75.7	76.1	76.9	79.1
IV 5000	73.4	74.1	74.4	74.6	75.0	75.0	75.1	75.3	75.4	76.1	76.4	76.4	77.8	78.2	79.1	81.3
IV 4500	74.7	75.4	75.8	75.9	76.3	76.3	76.4	76.7	76.8	77.4	77.8	77.8	79.1	79.6	80.4	82.7
IV 4000	75.6	76.3	76.7	76.8	77.2	77.2	77.3	77.6	77.7	78.3	78.7	78.7	80.0	80.4	81.4	83.5
IV 3500	76.6	77.6	78.0	78.2	78.7	78.7	78.8	79.0	79.1	79.8	80.2	80.2	81.6	82.0	82.9	85.1
IV 3000	78.1	79.2	79.7	79.9	80.4	80.4	80.6	80.8	80.9	81.6	82.0	82.0	83.3	83.8	84.7	86.9
IV 2500	79.9	81.0	81.6	81.8	82.3	82.3	82.4	82.7	82.8	83.4	83.9	83.9	85.3	85.8	86.7	88.9
IV 2000	81.1	82.2	82.8	83.0	83.6	83.6	83.7	83.9	84.0	84.7	85.1	85.1	86.6	87.0	87.9	90.1
IV 1800	82.3	83.4	84.0	84.2	84.8	84.8	84.9	85.1	85.2	85.9	86.3	86.3	87.8	88.2	89.1	91.3
IV 1500	82.7	83.8	84.3	84.6	85.1	85.1	85.2	85.6	85.7	86.3	86.8	86.8	88.2	88.7	89.6	91.8
IV 1200	84.2	85.7	86.3	86.7	87.2	87.2	87.3	87.7	87.9	88.6	89.0	89.0	90.4	90.9	91.8	94.0
IV 1000	85.0	87.0	87.8	88.4	89.0	89.0	89.1	89.4	89.7	90.3	90.8	90.8	92.2	92.7	93.6	95.8
IV 900	85.1	87.1	87.9	88.6	89.1	89.1	89.3	89.7	89.9	90.6	91.0	91.0	92.4	92.9	93.8	96.0
IV 800	85.4	87.6	88.3	89.1	89.8	89.8	90.0	90.3	90.6	91.2	91.7	91.7	93.1	93.6	94.4	96.7
IV 700	85.7	88.1	89.0	89.8	90.4	90.4	90.8	91.1	91.3	92.1	92.6	92.6	94.0	94.4	95.3	97.6
IV 600	86.3	88.8	89.7	90.4	91.1	91.1	91.4	91.8	92.0	92.8	93.3	93.3	94.9	95.3	96.2	98.4
IV 500	86.4	88.9	89.8	90.6	91.3	91.3	91.8	92.1	92.3	93.1	93.7	93.7	95.3	95.8	96.7	98.9
IV 400	86.6	89.0	89.9	90.7	91.6	91.6	92.0	92.3	92.6	93.3	93.9	93.9	95.7	96.1	97.0	99.2
IV 300	86.6	89.0	89.9	90.7	91.6	91.6	92.1	92.6	92.8	93.6	94.1	94.1	96.0	96.4	97.3	99.6
IV 200	86.9	89.0	89.9	90.7	91.6	91.7	92.1	92.6	92.8	93.6	94.1	94.1	96.0	96.4	97.4	99.7
IV 100	86.6	89.0	89.9	90.7	91.6	91.7	92.1	92.6	92.8	93.6	94.1	94.1	96.0	96.4	97.4	99.7
IV 0	86.6	89.0	89.9	90.7	91.6	91.7	92.1	92.7	92.9	93.7	94.3	94.3	96.2	96.7	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
 SUPPLEMENTAL
 DISSEMINATION SERVICE/PAC

CEILING VERSUS VISIBILITY

STATION ENT. CLSUS 21/11/50 DATE 01 OCT 57-66 YEARS 10 MONTH SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FORM 0-14-5 (OL 1)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	42.2	42.6	43.2	43.3	43.4	43.4	43.7	43.8	43.8	44.6	45.0	45.0	46.9	47.2	47.7	50.3
≥ 2000	44.4	44.6	45.4	45.6	45.7	45.7	45.9	46.0	46.0	46.8	47.2	47.2	49.1	49.4	49.9	52.6
≥ 1800	44.4	44.6	45.4	45.6	45.7	45.7	45.9	46.0	46.0	46.8	47.2	47.2	49.1	49.4	49.9	52.6
≥ 1600	44.4	44.6	45.4	45.6	45.7	45.7	45.9	46.0	46.0	46.8	47.2	47.2	49.1	49.4	49.9	52.6
≥ 1400	46.2	46.7	47.3	47.4	47.0	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 1200	48.0	50.2	51.0	51.1	51.2	51.2	51.6	51.7	51.7	52.6	53.0	53.0	54.9	55.2	55.0	58.4
≥ 1000	54.4	55.0	55.6	55.9	56.1	56.1	56.4	56.7	56.7	57.7	58.1	58.1	60.0	60.3	61.1	63.9
≥ 900	56.7	57.2	58.0	58.1	58.3	58.3	58.7	59.0	59.0	60.0	60.4	60.4	62.3	62.7	63.4	66.3
≥ 800	59.4	60.0	60.9	61.0	61.2	61.2	61.7	62.0	62.0	62.0	63.0	63.4	63.4	65.4	65.8	68.6
≥ 700	63.3	63.9	64.9	65.1	65.3	65.3	65.9	66.1	66.1	67.1	67.7	67.7	69.7	70.0	70.9	73.9
≥ 600	64.4	65.0	66.0	66.2	66.4	66.4	66.9	67.2	67.2	68.2	68.8	68.8	70.8	71.1	72.0	75.0
≥ 500	66.9	67.6	68.6	68.8	69.0	69.0	69.6	69.9	69.9	70.9	71.4	71.4	73.4	73.8	74.7	77.8
≥ 450	68.1	68.8	69.8	70.0	70.2	70.2	70.8	71.1	71.1	72.1	72.7	72.7	74.7	75.0	75.9	79.1
≥ 400	68.9	69.4	70.4	70.8	71.0	71.0	71.7	72.0	72.0	73.0	73.6	73.6	75.6	75.9	76.8	80.0
≥ 350	69.1	69.9	70.9	71.2	71.4	71.4	72.1	72.4	72.4	73.4	74.0	74.0	76.0	76.3	77.2	80.6
≥ 300	70.0	71.7	72.8	73.1	73.3	73.3	74.0	74.3	74.3	75.3	75.9	75.9	78.0	78.3	79.6	82.9
≥ 250	72.0	72.9	74.1	74.4	74.7	74.7	75.3	75.7	75.7	76.7	77.2	77.2	79.3	79.7	80.9	84.2
≥ 200	72.6	74.6	75.8	76.2	76.4	76.4	77.1	77.4	77.4	78.4	79.0	79.0	81.1	81.4	82.7	86.0
≥ 1800	76.0	76.1	76.3	76.3	77.0	77.0	77.8	78.2	78.2	79.3	79.9	79.9	82.0	82.3	83.6	86.9
≥ 1500	74.7	75.8	77.0	77.4	77.7	77.7	78.4	78.9	78.9	80.0	80.6	80.6	82.7	83.0	84.2	87.5
≥ 1200	76.3	77.2	79.4	80.2	80.6	80.6	81.3	81.9	81.9	83.0	83.6	83.6	85.7	86.0	87.2	90.6
≥ 1000	77.0	79.2	80.4	81.2	81.7	81.7	82.4	83.0	83.0	84.1	84.7	84.7	86.8	87.1	88.3	91.7
≥ 900	77.6	79.8	81.0	81.9	82.3	82.3	83.1	83.7	83.7	84.8	85.3	85.3	87.4	87.8	89.0	92.3
≥ 800	77.7	79.9	81.1	82.1	82.7	82.7	83.4	84.0	84.0	85.1	85.7	85.7	87.8	88.1	89.4	92.7
≥ 700	78.4	80.8	82.0	83.2	83.9	83.9	84.7	85.2	85.2	86.3	86.9	86.9	89.0	89.3	90.6	93.9
≥ 600	79.1	81.9	83.1	84.4	85.1	85.1	86.0	86.6	86.6	87.7	88.2	88.2	90.3	90.7	91.9	95.2
≥ 500	79.8	82.6	83.9	85.2	85.9	85.9	86.8	87.3	87.3	88.4	89.1	89.1	91.2	91.6	92.8	96.1
≥ 400	79.8	82.6	83.9	85.3	86.2	86.2	87.1	87.7	87.7	88.8	89.4	89.4	91.7	92.0	93.2	96.6
≥ 300	80.1	82.9	84.3	85.8	86.9	86.9	87.8	88.3	88.3	89.4	90.1	90.1	92.7	93.0	94.2	97.6
≥ 200	80.3	83.1	84.6	86.0	87.1	87.1	88.0	88.6	88.6	89.7	90.3	90.3	92.9	93.3	94.7	98.0
≥ 100	80.3	83.1	84.6	86.0	87.1	87.1	88.0	88.6	88.6	89.7	90.3	90.3	92.9	93.3	94.7	98.0
≥ 0	80.3	83.1	84.6	86.0	87.1	87.1	88.0	88.6	88.6	89.7	90.3	90.3	92.9	93.3	94.7	98.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
 USAF ETAC
 111 EAST LEXINGTON

CEILING VERSUS VISIBILITY

STATION NO. 14214 STATION NAME FORT WILSON, MISSISSIPPI DATE 17-66 YEARS 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FORM NO. 900

CEILING FEET	VISIBILITY STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0	
NO CEILING	31.0	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.6	33.1	33.7	34.1	34.3	35.2	37.3
W 20000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 18000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 16000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 14000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 12000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 10000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 9000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 8000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 7000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 6000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 5000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 4500	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 4000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 3500	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 3000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 2500	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 2000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 1800	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 1500	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 1200	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 1000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 900	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 800	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 700	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 600	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 500	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 400	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 300	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 200	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 100	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1
W 0	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.4	33.9	34.0	34.1

TOTAL NUMBER OF OBSERVATIONS 900

ATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

2521A STATION FIRST WELSH BC/BIISKWA OUT APT

57-66

YEARS

1967
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-1100
 HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	38.9	39.1	39.1	39.2	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
IV 25000	46.6	46.8	47.0	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.4
IV 18000	46.9	47.1	47.3	47.4	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.8
IV 16000	47.0	47.2	47.4	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.8	47.8	48.1
IV 14000	46.3	48.6	48.8	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.2
IV 12000	47.7	47.9	48.1	48.3	48.3	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.7	48.8
IV 10000	49.0	49.8	50.0	50.2	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 9000	47.6	47.8	48.0	48.2	48.3	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
IV 8000	67.3	67.7	67.9	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 7000	69.1	69.4	69.7	69.9	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 6000	69.2	69.6	69.8	70.0	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 5000	70.1	70.6	70.8	71.0	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 4500	70.8	71.2	71.4	71.7	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 4000	72.0	72.4	72.7	72.9	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 3500	72.7	73.1	73.3	73.6	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 3000	73.6	74.0	74.2	74.4	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 2500	74.7	75.1	75.3	75.6	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 2000	76.6	77.1	77.3	77.7	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 1800	77.1	77.7	77.9	78.2	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 1500	79.1	79.8	80.2	80.7	80.8	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 1200	82.0	82.9	83.4	83.9	84.0	84.1	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 1000	83.3	84.6	85.2	85.7	85.8	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 900	84.2	85.7	86.3	86.9	87.1	87.2	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 800	85.1	86.7	87.6	88.1	88.3	88.4	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 700	86.2	87.9	88.9	89.7	89.9	90.0	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 600	87.3	89.3	90.3	91.1	91.4	91.6	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 500	88.2	90.3	91.3	92.2	92.5	92.9	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 400	89.0	91.7	92.7	93.8	93.7	93.8	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 300	90.7	91.1	92.1	93.3	94.3	94.4	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 200	91.8	91.1	92.3	93.6	94.6	94.7	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 100	92.7	91.1	92.3	93.6	94.6	94.7	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
0	92.7	91.1	92.3	93.6	94.6	94.7	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
 SAC, LTA
 AIRCRAFT CENTER/TTC

CEILING VERSUS VISIBILITY

STATION NAME: POINT BELLEROPOLSKA AIRCRAFT YEAR: 1966 PERIOD: 1-00-1400

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .58	≥ .5	≥ .516	≥ .4	≥ 0
IV 20000	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
IV 18000	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
IV 16000	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
IV 14000	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IV 12000	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	52.8
IV 10000	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IV 9000	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
IV 8000	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 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
IV 6500	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
IV 5500	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 4500	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
IV 4000	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
IV 3500	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
IV 3000	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 2500	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 2000	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
IV 1800	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 1500	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	85.6
IV 1200	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 1000	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	89.0
IV 900	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	91.8	91.8	91.8
IV 800	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 700	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 600	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	94.8	94.8	94.8
IV 500	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 400	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 300	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 200	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 100	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 200

DATA PROCESSING DIVISION
USAF ETAC
410 EAGLE DRIVE/740

CEILING VERSUS VISIBILITY

STATION: FT. WALKER, FL ALT: 5766 YEARS: _____
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) FORM 1700-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .58	≥ .5	≥ .36	≥ .3	≥ 0
20000	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
18000	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	52.8
16000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
14000	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
12000	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
10000	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
9000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
8000	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
7000	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
6000	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
5000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
4500	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
4000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
3500	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
3000	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
2500	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
2000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
1800	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	91.7
1500	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
1200	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
1000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
900	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	97.2
800	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
700	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
600	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 700

WFO
 WFO
 WFO

CEILING VERSUS VISIBILITY

STATION NAME: WFO DATE: 5-7-66 YEARS: 11 MONTHS: 11

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .5	≥ .5	≥ 0
IV 25000	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
IV 20000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 18000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 16000	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
IV 14000	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
IV 12000	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
IV 10000	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
IV 9000	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 8000	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
IV 7000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 6000	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
IV 5000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 4500	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 4000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 3500	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 3000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 2500	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 2000	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	91.7
IV 1800	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1500	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1200	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	95.3
IV 1000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 900	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	95.7
IV 800	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 700	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	96.7
IV 600	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 500	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 400	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 300	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 200	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 100	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1

TOTAL NUMBER OF OBSERVATIONS 900

ATA PROFESSION DIVISION
 USAF ETAC
 AIR FATHERS LEADERSHIP

CEILING VERSUS VISIBILITY

STATION NAME: 14500 STATION NAME: 14500 DATE: 57-66 YEARS: 57 MONTH: 6

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100000000

VISIBILITY FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .5	≥ .25	≥ 0		
20000	52.9	52.9	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.3	53.4	53.4	53.8	53.9	54.2	54.2
18000	54.9	55.0	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.4	55.6	55.6	55.9	56.0	56.3	56.3
16000	54.9	55.0	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.4	55.6	55.6	55.9	56.0	56.3	56.3
14000	56.2	56.3	56.3	56.3	56.5	56.6	56.6	56.6	56.6	56.8	56.8	56.9	57.2	57.3	57.7	57.7
12000	58.6	58.7	58.7	58.7	58.7	58.9	58.9	58.9	58.9	59.1	59.2	59.2	59.6	59.7	60.0	60.0
10000	66.6	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	67.1	67.2	67.2	67.7	67.8	68.1	68.1
9000	69.9	70.0	70.0	70.0	70.2	70.2	70.2	70.2	70.3	70.5	70.7	70.7	71.1	71.2	71.6	71.6
8000	73.4	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.9	74.1	74.2	74.2	74.7	74.8	75.1	75.1
7000	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.3	79.5	79.6	79.7	80.2	80.3	80.7	80.7
6000	79.2	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.7	79.7	79.9	80.0	80.0	80.6	80.7	81.0
5000	81.2	81.4	81.4	81.4	81.7	81.7	81.7	81.7	81.8	82.0	82.1	82.1	82.7	82.8	83.1	83.1
4500	82.4	82.7	82.7	82.7	82.9	82.9	82.9	82.9	83.0	83.2	83.3	83.3	83.9	84.0	84.3	84.3
4000	83.2	83.4	83.4	83.4	83.7	83.7	83.7	83.7	83.8	84.0	84.1	84.1	84.7	84.8	85.1	85.1
3500	84.8	85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.6	85.6	85.8	85.9	85.9	86.4	86.6	86.9
3000	85.9	86.2	86.3	86.3	86.7	86.7	86.7	86.7	86.8	87.0	87.1	87.1	87.7	87.8	88.1	88.1
2500	87.6	87.9	87.9	87.9	88.3	88.3	88.3	88.3	88.4	88.4	88.7	88.8	88.8	89.3	89.4	89.8
2000	89.9	90.4	90.4	90.4	90.9	90.9	90.9	90.9	91.0	91.0	91.2	91.3	91.3	91.9	92.0	92.3
1800	90.0	91.2	91.2	91.2	91.7	91.7	91.7	91.7	91.9	92.1	92.2	92.2	92.8	92.9	93.2	93.2
1500	91.8	92.6	92.6	92.6	93.1	93.1	93.1	93.3	93.3	93.7	94.0	94.0	94.6	94.7	95.0	95.0
1200	93.1	94.1	94.2	94.2	95.0	95.0	95.0	95.2	95.2	95.6	96.0	96.0	96.6	96.7	97.0	97.0
1000	93.0	94.6	94.7	94.7	95.6	95.6	95.7	95.9	95.9	96.2	96.7	96.7	97.2	97.3	97.7	97.7
900	93.8	94.8	94.9	94.9	95.8	95.8	95.9	96.1	96.1	96.4	96.9	96.9	97.4	97.6	97.9	97.9
800	94.0	95.1	95.2	95.2	96.1	96.1	96.2	96.4	96.4	96.8	97.2	97.2	97.8	97.9	98.2	98.2
700	94.1	95.3	95.4	95.4	96.3	96.3	96.6	96.8	96.8	97.1	97.6	97.6	98.1	98.2	98.6	98.6
600	94.2	95.3	95.4	95.4	96.3	96.3	96.6	96.8	96.8	97.1	97.6	97.6	98.1	98.2	98.6	98.6
500	94.1	95.3	95.4	95.4	96.6	96.6	96.8	97.0	97.0	97.3	97.8	97.8	98.3	98.4	98.8	98.8
400	94.2	95.4	95.6	95.6	96.7	96.7	96.7	97.0	97.2	97.6	98.0	98.0	98.7	98.8	99.1	99.1
300	94.2	95.4	95.6	95.6	96.8	96.8	97.2	97.4	97.4	97.8	98.2	98.2	99.0	99.1	99.5	99.5
200	94.2	95.4	95.6	95.6	96.9	96.9	97.3	97.6	97.6	97.9	98.3	98.3	99.1	99.2	99.9	99.9
100	94.2	95.4	95.6	95.6	96.9	96.9	97.3	97.6	97.6	97.9	98.3	98.3	99.1	99.2	99.9	99.9
0	94.2	95.4	95.6	95.6	96.9	96.9	97.3	97.6	97.6	97.9	98.3	98.3	99.1	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 2100000000

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

24214 STATION NO. FUNY WELSON / UNSA A OUT ACT 57-60 YEARS 01 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .5	≥ .5	≥ .5	≥ 0
NO CEILING	51.2	51.3	51.7	51.7	51.8	51.9	51.9	51.9	51.9	51.9	52.0	52.2	52.6	52.6	52.6	52.9
≥ 20000	55.6	55.7	56.1	56.1	56.2	56.3	56.5	56.5	56.5	56.6	56.7	56.8	57.2	57.2	57.2	57.5
IVM 18000	55.0	55.7	56.1	56.1	56.2	56.3	56.5	56.5	56.5	56.6	56.7	56.8	57.2	57.2	57.2	57.5
IVM 16000	56.0	56.1	56.6	56.6	56.7	56.6	56.9	56.9	56.9	57.0	57.1	57.2	57.6	57.6	57.6	58.0
IVM 14000	58.2	58.3	58.7	58.7	58.8	58.9	59.0	59.0	59.0	59.1	59.2	59.4	59.8	59.8	59.8	60.1
IVM 12000	61.5	61.7	62.2	62.2	62.3	62.4	62.5	62.5	62.5	62.6	62.7	62.8	63.2	63.2	63.2	63.5
IVM 10000	65.1	65.4	65.9	65.9	66.0	66.1	66.2	66.2	66.2	66.3	66.3	66.6	67.2	67.2	67.2	67.5
IVM 9000	68.8	68.7	69.2	69.4	69.5	69.6	69.7	69.7	69.7	69.8	69.9	70.0	70.6	70.6	70.6	71.0
IVM 8000	70.6	71.1	71.6	71.7	71.8	71.9	72.0	72.0	72.0	72.2	72.3	72.4	73.0	73.0	73.0	73.3
IVM 7000	72.7	73.0	73.5	73.7	73.8	73.9	74.1	74.1	74.1	74.2	74.3	74.6	75.1	75.1	75.2	75.5
IVM 6000	73.5	73.9	74.4	74.5	74.6	74.7	74.9	74.9	74.9	75.1	75.2	75.3	75.9	75.9	76.1	76.5
IVM 5000	75.5	75.8	76.3	76.6	76.8	76.9	77.1	77.2	77.2	77.3	77.4	77.5	78.2	78.2	78.4	78.7
IVM 4500	76.5	76.7	77.3	77.4	77.6	77.7	78.1	78.2	78.2	78.3	78.4	78.5	79.1	79.1	79.4	79.7
IVM 4000	77.8	78.2	78.8	78.9	79.1	79.2	79.7	79.7	79.8	79.9	80.0	80.1	80.8	80.8	81.0	81.3
IVM 3500	78.6	79.0	79.7	79.8	80.0	80.1	80.5	80.8	80.8	80.9	81.0	81.1	81.7	81.7	81.9	82.3
IVM 3000	79.0	79.5	80.1	80.3	80.8	80.9	81.3	81.5	81.5	81.6	81.8	81.9	82.6	82.6	82.8	83.1
IVM 2500	79.7	80.1	80.9	81.1	81.5	81.6	82.0	82.3	82.3	82.5	82.6	82.9	83.3	83.7	83.9	84.3
IVM 2000	80.9	81.4	82.3	82.5	83.0	83.2	84.1	84.6	84.6	84.9	85.4	85.5	86.1	86.1	86.3	86.8
IVM 1800	82.2	82.7	83.5	83.8	84.3	84.5	85.5	85.5	85.5	85.8	86.0	86.1	86.8	86.8	87.0	87.4
IVM 1500	82.2	82.7	83.5	83.8	84.3	84.5	85.5	85.5	85.5	85.8	86.0	86.1	86.8	86.8	87.0	87.4
IVM 1200	83.5	84.3	85.2	85.4	85.9	86.1	87.3	88.3	88.3	88.3	88.7	89.2	89.7	90.3	90.3	91.0
IVM 1000	84.7	85.6	86.6	86.8	87.3	87.5	88.7	89.7	89.7	90.1	90.9	91.1	91.9	91.9	92.2	92.8
IVM 900	85.1	86.1	87.1	87.5	88.1	88.3	89.5	90.5	90.5	91.1	91.9	92.4	93.0	93.0	93.2	93.9
IVM 800	85.4	86.6	87.5	88.0	88.5	88.7	89.9	91.0	91.0	91.5	92.5	92.9	93.5	93.5	93.8	94.6
IVM 700	86.0	87.2	88.2	88.6	89.2	89.5	90.6	91.7	91.7	92.3	93.3	93.4	94.4	94.4	94.6	95.3
IVM 600	86.6	87.7	88.7	89.1	89.8	90.0	91.2	92.3	92.3	92.8	93.9	94.3	94.9	94.9	95.2	95.9
IVM 500	87.1	88.3	89.2	89.7	90.3	90.5	91.7	92.8	92.8	93.4	94.6	95.1	95.8	95.9	96.0	96.7
IVM 400	87.6	88.8	89.8	90.3	91.0	91.2	92.4	93.7	93.7	94.3	95.5	95.9	96.7	96.7	96.9	97.5
IVM 300	87.6	88.9	89.9	90.4	91.1	91.3	92.6	93.9	93.9	94.7	95.9	96.3	97.2	97.2	97.4	98.1
IVM 200	87.8	89.2	90.1	90.6	91.3	91.5	92.8	94.1	94.1	94.9	96.1	96.5	97.5	97.5	98.0	98.6
IVM 100	87.7	89.0	90.0	90.5	91.2	91.4	92.7	94.0	94.0	94.8	96.1	96.6	97.6	97.7	98.2	99.1
IVM 0	87.7	89.0	90.0	90.5	91.2	91.4	92.7	94.0	94.0	94.8	96.1	96.6	97.6	97.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 230

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

STATION NO. 28213 UNIT WELLSVILLE, MISSISSIPPI UNIT ACT 57-66 YEARS MONTH CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
SOURCE (L-1)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ .	≥ 0
NO CEILING	49.9	49.7	49.9	49.9	50.0	50.0	50.0	50.1	50.1	50.3	50.4	50.4	50.9	51.0	51.5	51.9
IV 20000	52.4	53.0	53.2	53.2	53.3	53.3	53.3	53.5	53.5	53.8	53.9	53.7	54.3	54.4	54.7	55.1
IV 18000	52.9	53.0	53.2	53.2	53.3	53.3	53.3	53.5	53.5	53.8	53.9	53.9	54.3	54.4	54.7	55.1
IV 16000	53.1	53.2	53.4	53.4	53.5	53.5	53.5	53.8	53.8	54.0	54.1	54.1	54.5	54.6	54.8	55.3
IV 14000	56.0	56.1	56.3	56.3	56.5	56.5	56.5	56.7	56.7	56.9	57.0	57.0	57.4	57.5	58.1	58.7
IV 12000	60.1	60.2	60.4	60.4	60.5	60.5	60.6	60.9	60.9	61.1	61.2	61.2	61.6	61.7	62.3	62.6
IV 10000	64.5	64.6	64.9	64.9	65.1	65.1	65.2	65.4	65.4	65.6	65.7	65.7	66.1	66.2	67.0	67.1
IV 9000	67.7	67.3	67.6	67.6	67.8	67.8	68.0	68.2	68.2	68.4	68.5	68.5	68.9	69.0	69.8	69.9
IV 8000	69.7	69.8	70.1	70.1	70.3	70.3	70.4	70.6	70.6	70.9	71.0	71.0	71.4	71.5	72.3	72.4
IV 7000	73.0	73.4	74.2	74.2	74.5	74.5	74.6	74.8	74.8	75.1	75.2	75.2	75.6	75.7	76.5	76.6
IV 6000	74.6	74.7	75.1	75.1	75.4	75.4	75.5	75.7	75.7	75.9	76.0	76.1	76.5	76.6	77.3	77.4
IV 5000	76.2	76.3	76.7	76.7	77.0	77.0	77.1	77.3	77.3	77.5	77.6	77.6	78.1	78.2	78.9	79.0
IV 4500	76.9	77.2	77.5	77.5	78.0	78.0	78.1	78.3	78.3	78.5	78.6	78.6	79.0	79.1	79.9	80.0
IV 4000	78.3	78.6	78.9	78.9	79.4	79.4	79.5	79.7	79.7	79.9	80.0	80.0	80.4	80.5	81.3	81.4
IV 3500	80.4	80.5	80.8	80.8	80.8	80.8	80.9	81.1	81.1	81.3	81.4	81.4	81.8	81.9	82.7	82.8
IV 3000	80.1	80.5	81.0	81.0	81.8	81.8	81.9	82.2	82.2	82.4	82.5	82.5	82.9	83.0	83.8	83.9
IV 2500	80.4	81.3	81.7	81.7	82.7	82.7	83.1	83.4	83.4	83.9	84.1	84.1	84.5	84.6	85.4	85.5
IV 2000	81.5	82.0	82.5	82.5	83.7	83.7	84.2	84.6	84.6	85.2	85.5	85.5	85.9	86.0	86.8	86.9
IV 1800	81.7	82.3	82.7	82.7	83.9	83.9	84.4	84.8	84.8	85.4	85.7	85.7	86.1	86.2	87.0	87.1
IV 1500	82.6	83.3	83.8	83.8	85.1	85.1	85.8	86.2	86.2	86.8	87.2	87.2	87.6	87.7	88.3	88.4
IV 1200	83.5	84.3	84.8	84.8	86.3	86.3	86.9	87.3	87.3	87.8	88.6	88.6	89.0	89.1	89.9	90.0
IV 1000	84.8	85.6	86.1	86.1	87.6	87.6	88.3	88.7	88.7	89.4	90.5	90.5	91.1	91.2	91.9	92.0
IV 900	85.3	86.1	86.7	86.7	88.2	88.2	88.8	89.2	89.2	90.0	91.2	91.2	91.9	92.0	92.8	92.9
IV 800	85.5	86.3	87.0	87.0	88.7	88.7	89.3	89.7	89.7	90.6	91.9	91.9	92.8	92.9	93.7	93.8
IV 700	86.0	86.6	87.1	87.1	88.8	88.8	89.6	90.0	90.0	90.9	92.2	92.2	93.1	93.2	94.0	94.2
IV 600	86.2	87.2	87.8	87.8	89.7	89.7	90.5	91.1	91.1	91.9	93.2	93.2	94.2	94.3	95.1	95.3
IV 500	87.0	88.0	88.6	88.6	90.4	90.4	91.7	92.3	92.3	93.1	94.4	94.4	95.4	95.5	96.2	96.4
IV 400	87.5	88.5	89.1	89.1	91.0	91.0	92.3	92.8	92.8	93.7	94.9	94.9	95.9	96.1	96.9	97.1
IV 300	87.6	88.6	89.2	89.2	91.1	91.1	92.4	92.9	92.9	93.9	95.3	95.3	96.6	96.6	97.5	97.7
IV 200	87.6	88.7	89.4	89.4	91.2	91.2	92.5	93.0	93.0	94.0	95.4	95.4	97.2	97.4	98.2	98.4
IV 100	87.6	88.7	89.4	89.4	91.2	91.2	92.5	93.0	93.0	94.0	95.4	95.7	97.8	98.1	99.1	99.4
IV 0	87.9	88.7	89.4	89.4	91.2	91.2	92.5	93.0	93.0	94.0	95.4	95.7	97.8	98.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 910

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25210 STATION NAME FIELD WELSON BC/DUSKIN DUT APT 5766 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

GROUP (C, S, T)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .516	≥ .4	≥ 0
NO CEILING	49.9	41.0	41.0	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.4	41.6	41.9	42.2	42.3	42.6
IV 20000	44.3	44.0	44.0	44.7	44.7	44.7	44.7	44.5	44.8	44.8	45.1	45.2	45.7	45.7	46.2	46.9
IV 18000	44.7	44.8	44.8	44.9	44.9	44.9	44.9	45.1	45.1	45.1	45.3	45.4	45.9	46.1	46.5	47.1
IV 16000	45.2	45.3	45.3	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.7	45.7	46.3	46.6	46.7	47.5
IV 14000	47.0	47.1	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.5	47.5	48.2	48.4	48.7	49.4
IV 12000	47.7	47.6	47.9	48.0	48.0	48.0	48.0	48.2	48.2	48.2	48.4	48.5	49.1	49.3	49.5	50.4
IV 10000	47.5	47.7	47.8	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.3	48.4	49.1	49.4	49.9	50.5
IV 9000	52.2	63.4	63.5	63.7	63.7	63.7	63.7	63.8	63.8	63.8	64.0	64.1	64.8	65.1	65.6	66.2
IV 8000	68.4	68.6	68.7	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.2	69.4	70.1	70.3	70.9	71.5
IV 7000	72.3	72.5	72.6	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.3	73.4	74.2	74.4	74.9	75.6
IV 6000	72.6	72.6	72.9	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.8	73.9	74.6	74.8	75.4	76.0
IV 5000	76.5	76.7	76.8	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.7	77.8	78.7	78.9	79.4	80.1
IV 4500	75.2	75.4	75.5	75.9	76.3	76.3	76.3	76.5	76.5	76.5	76.8	76.9	77.6	77.8	78.5	79.1
IV 4000	76.0	76.2	76.3	76.9	77.3	77.3	77.3	77.4	77.4	77.4	77.7	77.8	78.7	78.9	79.4	80.1
IV 3500	76.9	77.1	77.3	77.8	78.3	78.3	78.3	78.4	78.4	78.4	78.7	78.8	79.7	79.9	80.5	81.3
IV 3000	78.1	78.3	78.5	79.1	79.6	79.6	79.6	79.8	79.9	79.9	80.2	80.3	81.2	81.4	82.0	82.8
IV 2500	79.7	80.1	80.4	81.1	81.5	81.5	81.7	81.8	81.8	82.0	82.5	82.5	83.4	83.7	84.3	85.1
IV 2000	80.4	81.1	81.4	82.0	82.6	82.6	82.8	82.9	82.9	83.3	83.8	83.9	84.7	84.9	85.6	86.3
IV 1800	80.6	81.3	81.6	82.3	82.8	82.8	83.0	83.1	83.1	83.5	84.0	84.1	84.9	85.2	85.8	86.6
IV 1500	81.3	82.2	82.5	83.2	83.9	83.9	84.1	84.2	84.2	84.6	85.1	85.2	86.0	86.3	87.0	87.7
IV 1200	82.2	83.1	83.5	84.4	85.1	85.1	85.3	85.5	85.5	85.9	86.6	86.7	87.5	87.8	88.5	89.2
IV 1000	83.1	84.1	84.9	85.8	86.5	86.5	86.9	87.1	87.1	87.6	88.6	88.7	89.6	89.9	90.7	91.5
IV 900	83.3	84.3	85.2	86.3	87.1	87.1	87.5	87.7	87.7	88.3	89.2	89.4	90.5	90.9	91.5	92.3
IV 800	83.5	84.5	85.5	86.9	87.5	87.5	88.0	88.2	88.2	88.7	89.7	90.0	91.2	91.7	92.4	93.1
IV 700	83.9	84.8	85.8	87.2	87.8	87.8	88.4	88.7	88.7	89.2	90.2	90.3	91.7	92.3	92.9	93.7
IV 600	84.3	85.3	86.5	87.8	88.5	88.5	89.1	89.5	89.5	90.0	91.0	91.3	92.5	93.1	93.6	94.4
IV 500	85.1	86.2	87.4	89.0	89.7	89.7	90.5	91.1	91.1	91.6	92.6	92.9	94.1	94.7	95.4	96.2
IV 400	85.1	86.5	87.6	89.2	89.9	89.9	90.9	91.5	91.5	92.0	93.0	93.3	94.6	95.4	96.0	96.9
IV 300	85.3	86.8	88.0	89.6	90.2	90.2	91.4	92.0	92.0	92.6	93.8	94.1	95.8	96.7	97.3	98.2
IV 200	85.4	86.9	88.1	89.7	90.3	90.3	91.5	92.2	92.4	93.2	94.4	94.7	96.7	97.5	98.4	99.2
IV 100	85.4	86.9	88.1	89.7	90.3	90.3	91.5	92.2	92.4	93.2	94.4	94.7	96.7	97.5	98.4	99.9
IV 0	85.4	86.9	88.1	89.7	90.3	90.3	91.5	92.2	92.4	93.2	94.4	94.7	96.7	97.5	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

STATION 25218 FORT NELSON BC/NUSKWA DUT APT 57-66 YEARS CT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

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	49.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1	40.2	40.3	40.3
IV 20000	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	50.5	50.6	51.0	51.0
IV 18000	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.8	51.1	51.1
IV 16000	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.6	51.9	51.9
IV 14000	52.0	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.0	53.4	53.4
IV 12000	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.2	56.6	56.6
IV 10000	60.4	61.0	61.0	61.0	61.0	61.0	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.7	62.0	62.0
IV 9000	65.7	65.8	65.8	65.8	65.8	65.8	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.6	66.9	66.9
IV 8000	72.5	72.6	72.6	72.6	72.6	72.6	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.3	73.7	73.7
IV 7000	74.3	74.4	74.4	74.4	74.4	74.4	74.6	74.9	74.9	74.9	74.9	74.9	74.9	75.1	75.2	75.5	75.5
IV 6000	74.8	74.9	74.9	74.9	74.9	74.9	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.8	76.1	76.1
IV 5000	76.1	76.2	76.2	76.2	76.3	76.3	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.2	77.5	77.5
IV 4500	76.7	76.8	76.8	76.8	76.9	76.9	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.7	78.1	78.1
IV 4000	77.3	77.5	77.5	77.5	77.6	77.6	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.5	78.6	78.9	78.9
IV 3500	77.8	78.1	78.1	78.1	78.3	78.3	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.1	79.2	79.6	79.6
IV 3000	78.6	78.8	78.8	78.8	79.1	79.1	79.7	79.8	79.8	79.9	79.9	79.9	79.9	80.0	80.1	80.4	80.4
IV 2500	79.9	80.1	80.1	80.1	80.4	80.4	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.3	81.4	81.7	81.7
IV 2000	81.1	81.7	81.7	81.7	82.0	82.0	82.6	82.9	82.9	83.0	83.0	83.0	83.0	83.1	83.2	83.5	83.5
IV 1800	81.9	82.8	82.8	82.8	83.1	83.1	83.7	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.3	84.6	84.6
IV 1500	82.9	84.0	84.1	84.1	84.5	84.5	85.1	85.5	85.5	85.6	85.6	85.6	85.6	85.9	86.0	86.3	86.5
IV 1200	84.8	86.1	86.3	86.3	86.9	86.9	87.4	88.0	88.0	88.2	88.6	88.6	88.6	88.7	88.8	89.1	89.1
IV 1000	86.3	87.4	88.2	88.2	88.8	88.9	89.5	90.0	90.0	90.2	90.9	90.9	91.0	91.1	91.4	91.4	91.4
IV 900	87.1	88.4	89.1	89.2	90.1	90.2	90.8	91.3	91.3	91.5	92.3	92.3	92.7	92.8	93.1	93.1	93.1
IV 800	87.2	88.5	89.2	89.4	90.3	90.4	91.0	91.5	91.5	91.7	92.6	92.6	93.0	93.2	93.5	93.5	93.5
IV 700	88.0	89.4	90.2	90.6	91.6	91.7	92.3	92.9	92.9	93.1	94.0	94.0	94.4	94.4	94.9	94.9	94.9
IV 600	88.1	89.6	90.5	91.1	92.0	92.2	92.7	93.3	93.3	93.5	94.5	94.5	94.9	95.3	95.8	95.8	95.8
IV 500	88.5	90.0	91.1	91.6	92.6	92.9	93.5	94.3	94.3	94.5	95.3	95.3	95.9	96.7	96.9	97.3	97.3
IV 400	88.9	90.5	91.6	92.3	93.7	93.8	94.6	95.2	95.2	95.4	96.3	96.3	96.8	97.5	97.7	98.2	98.3
IV 300	89.2	90.9	92.3	92.9	94.2	94.3	94.9	95.7	95.7	95.9	97.0	97.0	97.4	98.2	98.4	98.8	99.1
IV 200	89.2	90.9	92.3	92.9	94.2	94.3	94.9	95.7	95.7	96.3	97.4	97.4	97.8	98.6	98.8	99.2	99.6
IV 100	89.2	90.9	92.3	92.9	94.2	94.3	94.9	95.7	95.7	96.3	97.5	97.5	98.1	98.7	98.9	99.4	100.0
IV 0	89.2	90.9	92.3	92.9	94.2	94.3	94.9	95.7	95.7	96.3	97.5	97.5	98.1	98.7	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
WIND WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

25210 FORT WELLS, CALIFORNIA DUT APT 57-66 YEARS 61 SOUTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
IV 20000	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 18000	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
IV 16000	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 14000	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 12000	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 10000	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 9000	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 8000	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 7000	72.6	72.6	72.6	72.6	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 6000	73.5	73.5	73.5	73.5	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 5000	75.1	75.1	75.1	75.2	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 4500	75.7	75.7	75.7	75.8	76.0	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 4000	76.6	76.6	76.9	77.0	77.2	77.2	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 3500	77.8	77.8	78.2	78.3	78.5	78.5	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 3000	79.4	79.4	79.7	79.8	80.0	80.0	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 2500	80.0	80.0	81.0	81.1	81.3	81.3	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 2000	82.4	82.6	82.9	83.1	83.4	83.4	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 1800	83.0	83.4	83.8	84.0	84.4	84.4	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 1500	85.7	86.1	86.6	86.9	87.3	87.3	87.8	88.1	88.1	88.3	88.7	88.7	88.7	88.7	88.7	88.7
IV 1200	88.3	89.0	89.5	89.8	90.2	90.2	90.8	91.1	91.1	91.5	91.9	91.9	91.9	91.9	91.9	91.9
IV 1000	90.2	91.2	91.0	91.9	92.5	92.5	93.0	93.3	93.3	93.9	94.4	94.4	94.4	94.4	94.4	94.4
IV 900	90.3	91.3	91.7	92.0	92.6	92.6	93.2	93.5	93.5	94.2	94.9	95.1	95.2	95.2	95.2	95.2
IV 800	91.3	92.3	92.8	93.1	93.7	93.7	94.3	94.5	94.6	95.3	96.0	96.1	96.2	96.3	96.3	96.3
IV 700	91.7	92.7	93.2	93.7	94.2	94.2	94.8	95.2	95.2	95.8	96.6	96.7	96.8	96.9	96.9	96.9
IV 600	92.2	93.3	93.9	94.3	94.8	94.8	95.6	95.9	95.9	96.6	97.3	97.4	97.6	97.7	97.7	97.7
IV 500	92.3	94.0	94.6	95.1	95.6	95.6	96.5	96.8	96.8	97.4	98.4	98.4	98.9	99.0	99.0	99.0
IV 400	92.5	94.2	94.8	95.3	95.8	95.8	96.7	97.0	97.0	97.6	98.6	98.7	99.1	99.2	99.2	99.2
IV 300	92.6	94.3	94.9	95.4	96.1	96.1	97.0	97.3	97.3	98.0	98.9	99.0	99.6	99.7	99.7	99.7
IV 200	92.6	94.4	95.1	95.5	96.2	96.2	97.1	97.4	97.4	98.1	99.1	99.1	99.7	99.8	100.0	100.0
IV 100	92.6	94.4	95.1	95.5	96.2	96.2	97.1	97.4	97.4	98.1	99.0	99.1	99.7	99.8	100.0	100.0
IV 0	92.6	94.4	95.1	95.5	96.2	96.2	97.1	97.4	97.4	98.1	99.0	99.1	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
 USAF ETAC
 AIR PLATEAU SERVICE/AC

CEILING VERSUS VISIBILITY

25218 STATION 25218 FLIGHT DELSUN DC/HUSKWA 11T APT 57-66 YEARS 1967

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .5	≥ .5	≥ .5
NO CEILING	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
IV 20000	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.8
IV 18000	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.9
IV 16000	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.7
IV 14000	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.3
IV 12000	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.9
IV 10000	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.5
IV 9000	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.4
IV 8000	73.9	74.0	74.0	74.0	74.0	74.0	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.5
IV 7000	74.8	74.9	75.1	75.1	75.2	75.2	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.7
IV 6000	75.4	75.5	75.6	75.6	75.7	75.7	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.2
IV 5000	77.5	77.6	77.7	77.7	77.8	77.8	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.4
IV 4500	78.4	78.5	78.6	78.6	78.7	78.7	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.2
IV 4000	80.9	80.8	80.9	80.9	81.0	81.0	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.5
IV 3500	81.6	81.7	81.9	81.9	82.0	82.0	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.6
IV 3000	82.8	82.9	83.1	83.1	83.2	83.2	83.4	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.8
IV 2500	84.2	84.3	84.5	84.5	84.6	84.6	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.2
IV 2000	85.6	85.8	86.0	86.0	86.1	86.1	86.3	86.5	86.5	86.6	86.7	86.7	86.7	86.7	86.8
IV 1800	86.5	86.6	87.1	87.1	87.3	87.3	87.5	87.7	87.7	87.8	88.2	88.2	88.2	88.2	88.3
IV 1500	88.7	89.1	89.7	89.7	90.0	90.0	90.3	90.5	90.5	91.0	91.6	91.6	91.6	91.6	91.7
IV 1200	91.2	91.6	92.4	92.4	92.7	92.7	93.0	93.4	93.4	93.9	94.5	94.5	94.5	94.5	94.6
IV 1000	92.2	92.6	93.3	93.3	93.7	93.7	94.0	94.5	94.5	94.9	95.7	95.7	95.7	95.7	95.8
IV 900	92.2	92.6	93.3	93.3	93.6	93.6	94.1	94.6	94.6	95.1	96.0	96.0	96.0	96.0	96.2
IV 800	92.2	93.2	93.8	93.8	94.2	94.2	94.5	95.1	95.1	95.5	96.5	96.5	96.5	96.7	96.8
IV 700	92.9	93.5	94.1	94.1	94.5	94.5	94.8	95.4	95.4	95.8	96.9	96.9	96.9	97.2	97.3
IV 600	93.2	93.9	94.4	94.4	94.8	94.8	95.4	95.8	95.8	96.2	97.5	97.5	97.5	98.2	98.3
IV 500	93.2	94.0	94.5	94.6	95.4	95.4	95.8	96.3	96.3	96.8	98.2	98.2	98.2	99.0	99.1
IV 400	93.2	94.0	94.5	94.6	95.4	95.4	95.8	96.3	96.3	96.8	98.2	98.2	98.2	99.0	99.4
IV 300	93.2	94.1	94.6	94.7	95.0	95.6	96.0	96.6	96.6	97.0	98.6	98.6	98.6	99.6	99.9
IV 200	93.2	94.1	94.6	94.7	95.0	95.6	96.0	96.6	96.6	97.0	98.6	98.6	98.6	99.6	99.9
IV 100	93.2	94.1	94.6	94.7	95.6	95.6	96.0	96.6	96.6	97.0	98.7	98.7	98.7	99.9	100.0
IV 0	93.2	94.1	94.6	94.7	95.6	95.6	96.0	96.6	96.6	97.0	98.7	98.7	98.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 240

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

STATION: 2521H FORT WELLS, BC/MISSOURI OUT APT STATION NAME: 57-66 YEARS: _____ MONTH: JCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-01-2000
 MONTH (L. Y.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .4	≥ .25	≥ .1	≥ 0
NO CEILING	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
IV 23000	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.1	55.1	55.1	55.2	55.2	55.2	55.4
IV 18000	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.3	55.3	55.3	55.4	55.4	55.5	55.6
IV 16000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.1	56.1	56.1	56.2	56.2	56.3	56.5
IV 14000	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	58.0	58.0	58.0	58.1	58.1	58.2	58.3
IV 12000	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.8	61.9
IV 10000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.1	68.1	68.1	68.2	68.2	68.3	68.4
IV 9000	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.0	72.0	72.0	72.2	72.2	72.3	72.4
IV 8000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.9	74.9	74.9	75.1	75.1	75.2	75.3
IV 7000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.5	76.5	76.5	76.7	76.7	76.8	77.0
IV 6000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.5	77.5	77.5	77.7	77.7	77.8	78.0
IV 5000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	80.0	80.0	80.0	80.1	80.1	80.2	80.3
IV 4500	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.3	80.3	80.3	80.4	80.4	80.6
IV 4000	80.9	81.3	81.3	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.8	81.8	81.8	81.9	82.0	82.2
IV 3500	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.7	82.7	82.7	82.9	82.9	82.9	83.0	83.0	83.1
IV 3000	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.4	83.5	83.5	83.8	83.8	83.8	83.9	84.0	84.1
IV 2500	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.8	84.9	84.9	85.3	85.3	85.5	85.6	85.6	85.7
IV 2000	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.9	87.3	87.3	87.7	88.1	88.1	88.2	88.3	88.4
IV 1800	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.7	88.2	88.2	88.6	88.9	88.9	89.0	89.0	89.1
IV 1500	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.7	89.6	89.6	90.0	90.3	90.3	90.4	90.4	90.5
IV 1200	88.9	88.9	89.0	89.4	89.4	89.4	89.4	90.1	91.1	91.1	91.1	91.8	92.3	92.3	92.4	92.6
IV 1000	89.0	89.0	89.9	90.2	90.3	90.3	90.3	91.1	92.0	92.0	92.0	92.9	93.3	93.4	93.5	93.7
IV 900	90.6	90.6	90.5	90.9	91.1	91.1	91.1	91.8	92.8	92.8	93.7	94.3	94.4	94.4	94.5	94.7
IV 800	91.2	91.2	91.5	91.8	92.2	92.2	92.2	92.9	94.1	94.1	94.1	94.9	96.1	96.2	96.3	96.6
IV 700	91.5	91.5	91.8	92.2	92.9	92.9	92.9	93.7	94.8	94.8	95.8	97.1	97.2	97.3	97.3	97.5
IV 600	92.4	92.4	92.7	93.1	94.0	94.0	94.0	94.7	95.9	95.9	96.9	98.3	98.4	98.5	98.6	98.7
IV 500	91.5	92.4	92.7	93.1	94.0	94.0	94.0	94.7	95.9	95.9	96.9	98.4	98.5	98.7	98.8	98.9
IV 400	91.5	92.4	92.7	93.1	94.0	94.0	94.0	94.7	95.9	95.9	96.9	98.4	98.5	98.7	98.8	98.9
IV 300	91.5	92.4	92.7	93.1	94.0	94.0	94.0	94.7	95.9	95.9	96.9	98.4	98.5	98.7	98.8	98.9
IV 200	91.5	92.4	92.7	93.1	94.0	94.0	94.0	94.7	95.9	95.9	96.9	98.4	98.5	98.7	98.8	98.9
IV 100	91.5	92.4	92.7	93.1	94.0	94.0	94.0	94.7	95.9	95.9	96.9	98.4	98.5	98.7	98.8	98.9
IV 0	91.5	92.4	92.7	93.1	94.0	94.0	94.0	94.7	95.9	95.9	96.9	98.4	98.5	98.7	98.8	98.9

TOTAL NUMBER OF OBSERVATIONS: 340

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HQ

CEILING VERSUS VISIBILITY

STATION: 25213 FORT NELSON BC/MUSKOKA C.T. APT 57-66 YEARS: _____ CT MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100 2100

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .5	≥ 5.16	≥ .4	≥ 0	
NO CEILING ≥ 20000	50.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.3	51.5
IV 18000 16000	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.7	55.7	55.8	56.0
IV 14000 12000	56.2	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.9	56.9	57.0	57.2
IV 10000 9000	58.0	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.6	58.6	58.6	58.7	58.7	58.8	59.0
IV 8000 7000	61.5	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	62.2	62.2	62.2	62.3	62.3	62.4	62.6
IV 6000 5000	68.3	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	69.0	69.1	69.1	69.2	69.2	69.4	69.7
IV 4500 4000	70.9	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.6	71.7	71.7	71.8	71.8	71.9	72.3
IV 3500 3000	73.2	73.5	73.7	73.7	73.8	73.8	73.8	73.8	73.8	74.0	74.1	74.1	74.2	74.2	74.3	74.6
IV 2500 2000	75.5	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.6	76.7	76.7	76.8	76.8	76.9	77.2
IV 1800 1500	76.1	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.2	77.3	77.3	77.4	77.4	77.5	77.8
IV 1200 1000	78.3	79.0	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.8	79.9	79.9	80.0	80.0	80.1	80.4
IV 900 800	78.5	79.2	79.6	79.6	79.7	79.7	79.7	79.9	79.9	80.1	80.2	80.2	80.3	80.3	80.4	80.8
IV 700 600	79.4	80.1	80.4	80.5	80.9	80.9	81.1	81.1	81.1	81.3	81.4	81.4	81.5	81.5	81.6	81.9
IV 500 400	80.4	81.2	81.5	81.7	82.0	82.0	82.3	82.3	82.3	82.5	82.6	82.6	82.7	82.7	82.8	83.1
IV 300 200	81.2	81.9	82.3	82.5	82.8	82.8	83.0	83.1	83.1	83.4	83.5	83.5	83.7	83.7	83.8	84.1
IV 100 0	82.2	82.9	83.2	83.4	83.8	83.8	84.1	84.4	84.4	84.7	84.8	84.8	84.9	84.9	85.1	85.4
	83.3	84.1	84.4	84.6	85.1	85.1	85.5	86.0	86.0	86.5	86.9	86.9	87.0	87.0	87.1	87.4
	83.8	84.6	84.9	85.2	85.6	85.6	86.1	86.8	86.8	87.2	87.7	87.7	87.8	87.8	88.0	88.3
	85.4	86.3	86.7	86.9	87.3	87.4	88.1	88.8	88.8	89.2	89.8	89.8	89.9	89.9	90.0	90.3
	86.3	87.4	87.8	88.2	88.6	88.7	89.8	90.6	90.6	91.1	91.9	91.9	92.0	92.0	92.2	92.5
	87.0	88.1	88.5	88.8	89.2	89.4	90.4	91.3	91.3	92.2	93.1	93.1	93.4	93.4	93.5	93.9
	87.4	88.5	88.9	89.2	89.7	89.8	90.9	91.7	91.7	92.6	93.5	93.8	93.9	93.9	94.0	94.3
	87.6	88.8	89.2	89.5	90.0	90.1	91.2	92.0	92.0	93.0	94.3	94.5	94.7	94.7	94.8	95.2
	88.1	89.2	89.8	90.1	90.5	90.6	91.7	92.6	92.6	93.5	94.8	95.1	95.3	95.3	95.4	95.7
	89.4	90.5	91.2	91.5	92.4	92.5	93.7	94.5	94.5	95.5	96.9	97.1	97.3	97.3	97.4	97.7
	90.0	91.2	91.9	92.3	93.1	93.3	94.5	95.4	95.4	96.3	97.7	98.0	98.2	98.2	98.3	98.6
	90.4	91.6	92.4	92.7	93.5	93.8	95.1	95.9	95.9	96.9	98.3	98.5	98.8	98.8	98.9	99.2
	90.5	91.7	92.5	92.8	93.7	93.9	95.3	96.1	96.1	97.1	98.5	98.7	99.1	99.1	99.2	99.6
	90.5	91.7	92.5	92.8	93.7	93.9	95.3	96.1	96.1	97.1	98.5	98.7	99.2	99.2	99.3	100.0
	90.5	91.7	92.5	92.8	93.7	93.9	95.3	96.1	96.1	97.1	98.5	98.7	99.2	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 940

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

STATION: 25211 FORT BELLEVILLE STATION NAME: IL YEAR: 67 MONTH: 10

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0100
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.4	44.7	44.8	45.0	45.1	45.1	45.2	45.4	45.4	45.6	46.3	46.4	46.8	46.8	46.8	46.8
IV 20000	47.3	47.7	47.8	48.0	48.1	48.1	48.2	48.4	48.4	48.6	49.3	49.3	49.7	49.7	49.7	49.7
IV 18000	47.6	47.8	47.9	48.1	48.2	48.2	48.3	48.5	48.6	48.7	49.4	49.4	49.9	49.9	49.9	49.9
IV 16000	48.9	49.2	49.3	49.5	49.7	49.7	49.8	50.0	50.0	50.1	50.9	50.9	51.3	51.3	51.3	51.3
IV 14000	50.9	51.1	51.2	51.4	51.6	51.6	51.7	51.9	51.9	52.0	52.0	52.0	53.2	53.2	53.2	53.2
IV 12000	54.0	55.1	55.3	55.6	55.7	55.7	55.9	56.1	56.1	56.2	57.0	57.0	57.4	57.4	57.4	57.4
IV 10000	58.7	59.1	59.4	60.1	60.4	60.4	60.7	60.9	60.9	61.0	61.8	61.8	62.2	62.2	62.2	62.2
IV 8000	61.1	61.6	62.1	63.0	63.0	63.6	63.0	64.0	64.0	64.1	64.9	64.9	65.3	65.3	65.3	65.3
IV 7000	66.7	65.6	66.2	67.1	67.9	67.9	68.1	68.3	68.3	68.4	69.2	69.2	69.7	69.7	69.7	69.7
IV 6000	65.1	66.0	66.9	67.8	68.4	68.9	69.1	69.0	69.3	69.4	70.2	70.2	70.7	70.7	70.7	70.7
IV 5000	67.0	68.0	69.2	70.3	71.0	71.7	72.1	72.4	72.4	72.6	73.3	73.3	73.8	73.8	73.8	73.8
IV 4500	67.3	68.3	69.6	70.7	71.9	72.0	72.4	72.8	72.8	72.9	73.7	73.7	74.1	74.1	74.1	74.1
IV 4000	68.4	69.3	70.9	71.7	73.1	73.2	73.7	74.1	74.1	74.2	75.0	75.0	75.4	75.4	75.4	75.4
IV 3500	70.4	70.6	71.8	72.9	74.3	74.4	75.0	75.4	75.4	75.6	76.3	76.3	76.8	76.8	76.8	76.8
IV 3000	72.7	72.8	73.1	74.2	76.2	76.3	77.0	77.7	77.7	77.8	78.6	78.6	79.0	79.0	79.0	79.0
IV 2500	71.2	72.3	73.7	74.8	77.1	77.2	78.1	78.8	78.8	79.0	79.8	79.8	80.2	80.2	80.2	80.2
IV 2000	72.9	73.6	74.7	76.0	78.4	78.6	79.8	80.6	80.6	80.9	82.0	82.0	82.4	82.4	82.4	82.4
IV 1800	72.4	73.4	74.8	76.0	78.4	78.6	79.8	80.6	80.6	80.9	82.0	82.0	82.4	82.4	82.4	82.4
IV 1500	74.7	75.4	76.8	78.0	80.4	80.6	82.2	83.1	83.1	83.4	84.9	84.9	85.3	85.3	85.3	85.3
IV 1200	75.8	77.0	78.4	79.8	82.2	82.3	84.2	85.1	85.1	85.6	87.2	87.2	87.7	87.7	87.7	87.7
IV 1000	78.1	79.3	80.8	82.1	84.6	84.7	86.6	87.4	87.4	88.3	90.4	90.4	91.0	91.0	91.0	91.0
IV 900	79.2	80.4	81.9	83.2	85.7	85.8	87.8	88.7	88.7	89.6	92.0	92.0	92.6	92.6	92.6	92.6
IV 800	80.8	82.0	83.4	84.8	87.2	87.3	89.3	90.2	90.2	91.1	93.8	93.8	94.3	94.3	94.3	94.3
IV 700	81.3	82.7	84.1	85.4	87.9	88.0	90.0	90.9	90.9	91.8	94.4	94.4	95.0	95.0	95.0	95.0
IV 600	82.2	83.7	85.1	86.4	89.0	89.1	91.1	92.0	92.0	92.9	95.6	95.6	96.1	96.1	96.1	96.1
IV 500	82.7	84.2	85.8	87.2	89.8	89.9	92.0	93.0	93.0	94.0	96.7	96.7	97.2	97.2	97.2	97.2
IV 400	83.1	84.6	86.2	87.6	90.2	90.4	92.6	93.6	93.6	94.6	97.2	97.2	97.9	97.9	97.9	97.9
IV 300	82.9	84.4	86.1	87.8	90.4	90.7	92.8	93.8	93.8	94.8	97.7	97.7	98.3	98.3	98.3	98.3
IV 200	83.1	84.6	86.3	88.0	91.2	91.4	93.7	94.7	94.7	95.9	98.8	98.8	99.7	99.7	99.7	99.7
IV 100	83.1	84.6	86.3	88.0	91.2	91.4	93.7	94.7	94.7	95.9	98.8	98.8	99.7	99.7	99.7	99.7
IV 0	83.1	84.6	86.3	88.0	91.2	91.4	93.7	94.7	94.7	95.9	98.8	98.8	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

25 JUL 66 FORT BELLEVILLE ILL SKY DIVT APT 57-66 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0-100-0500

VISIBILITY FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
21000	44.1	44.4	44.8	44.8	45.0	45.1	45.3	45.3	45.3	45.4	45.7	45.7	46.1	46.1	46.1	46.1
18000	45.4	45.2	46.0	46.6	46.6	46.8	47.1	47.1	47.1	47.2	47.4	47.4	47.9	47.9	47.9	47.9
16000	46.0	46.3	46.7	46.7	46.9	46.7	47.2	47.2	47.2	47.3	47.6	47.5	48.0	48.0	48.0	48.0
14000	47.7	48.0	48.3	48.3	48.6	48.6	48.9	48.9	48.9	49.0	49.2	49.2	49.7	49.7	49.7	49.7
12000	51.4	51.8	52.1	52.1	52.3	52.3	52.8	52.8	52.8	52.9	53.1	53.1	53.6	53.6	53.6	53.6
10000	56.4	57.0	57.4	57.6	57.7	57.9	58.6	58.6	58.6	58.7	58.9	58.9	59.3	59.3	59.3	59.3
9000	59.9	60.7	61.1	61.3	61.7	61.8	62.4	62.4	62.4	62.6	62.8	62.5	63.2	63.2	63.2	63.2
8000	62.6	63.8	64.3	64.7	65.1	65.1	65.8	65.8	65.8	65.9	66.1	66.1	66.7	66.7	66.7	66.7
7000	62.9	67.4	68.1	68.9	69.6	69.6	70.2	70.2	70.3	70.4	70.7	70.7	71.2	71.2	71.2	71.2
6000	66.4	67.1	68.9	69.7	70.4	70.4	71.1	71.2	71.3	71.4	71.7	71.7	72.2	72.2	72.2	72.2
5000	66.2	70.4	71.2	72.1	73.2	73.3	74.0	74.1	74.2	74.3	74.6	74.6	75.1	75.1	75.1	75.1
4500	69.9	71.2	72.1	73.0	74.1	74.2	74.9	75.0	75.1	75.2	75.4	75.4	76.0	76.0	76.0	76.0
4000	69.3	71.0	72.8	73.7	74.8	74.9	75.0	75.7	75.8	75.9	76.1	76.1	76.7	76.7	76.7	76.7
3500	69.6	72.3	73.3	74.7	75.3	75.4	76.2	76.4	76.6	76.7	76.9	76.9	77.4	77.4	77.4	77.4
3000	71.4	74.0	75.0	76.0	77.3	77.4	78.4	78.9	79.0	79.1	79.3	79.3	79.9	79.9	79.9	79.9
2500	71.8	74.6	75.6	76.6	78.0	78.2	79.2	79.7	79.8	80.0	80.2	80.2	80.8	80.8	80.8	80.8
2000	72.7	75.7	76.8	77.9	79.0	79.8	81.0	81.4	81.6	81.9	82.3	82.3	82.9	82.9	82.9	82.9
1800	72.9	75.8	77.0	78.1	79.8	80.0	81.2	81.7	81.8	82.1	82.7	82.8	83.3	83.3	83.3	83.3
1500	74.0	77.6	78.7	79.9	81.0	81.9	83.4	84.0	84.1	84.6	85.1	85.2	85.9	85.9	85.9	85.9
1200	75.2	79.3	80.6	81.8	83.4	83.8	85.3	86.0	86.1	87.2	87.8	87.7	88.6	88.6	88.6	88.6
1000	77.6	80.7	81.9	83.3	85.1	85.4	87.1	87.8	87.9	89.1	89.8	89.9	90.6	90.6	90.6	90.6
900	78.4	81.6	82.9	84.3	86.2	86.6	88.3	89.0	89.1	90.3	91.0	91.1	91.8	91.8	91.8	91.8
800	79.7	82.9	84.2	85.7	87.6	87.9	89.7	90.3	90.4	91.7	92.3	92.4	93.1	93.1	93.1	93.1
700	80.4	83.8	85.1	86.6	88.4	88.8	90.6	91.2	91.3	92.6	93.2	93.3	94.0	94.0	94.0	94.0
600	81.0	84.6	85.9	87.3	89.3	89.7	91.4	92.1	92.2	93.4	94.1	94.2	94.9	94.9	94.9	94.9
500	81.8	85.6	86.9	88.4	90.9	91.2	93.0	93.7	93.8	95.0	95.7	95.7	96.4	96.4	96.4	96.4
400	82.4	86.2	87.7	89.3	91.9	92.2	94.0	94.7	94.8	96.2	96.9	97.0	97.8	97.8	97.8	97.8
300	82.9	86.7	88.1	89.8	92.5	92.7	94.4	95.1	95.2	96.7	97.3	97.4	98.6	98.6	98.6	98.6
200	82.9	86.8	88.2	89.9	92.6	92.9	94.7	95.3	95.4	97.4	97.6	97.7	98.8	98.8	98.8	98.8
100	82.9	86.8	88.2	89.9	92.6	92.9	94.7	95.3	95.4	97.4	97.6	97.7	98.8	98.8	98.8	98.8
0	82.9	86.8	88.2	89.9	92.6	92.9	94.7	95.3	95.4	97.4	97.6	97.7	98.8	98.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 200

DATA PROCESSING DIVISION
 USAF ETAC
 WILLOW LAKE, MONTANA

CEILING VERSUS VISIBILITY

STATION NO. 57-66 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00000000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .4	≥ .58	≥ .5	≥ .516	≥ .4	≥ 0
NO CEILING	41.3	41.4	41.7	41.7	41.8	41.8	41.8	41.8	41.8	42.0	42.2	42.2	42.2	42.2	42.2	42.2
IV 20000	43.9	44.0	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.6	44.8	44.8	44.8	44.8	44.8	44.8
IV 18000	43.9	44.0	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.6	44.8	44.8	44.8	44.8	44.8	44.8
IV 16000	44.1	44.2	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.8	45.0	45.0	45.0	45.0	45.0	45.0
IV 14000	45.1	45.3	45.6	45.6	45.7	45.8	45.8	45.8	45.8	46.0	46.2	46.2	46.2	46.2	46.2	46.2
IV 12000	45.3	45.6	45.9	45.9	46.1	46.2	46.2	46.2	46.2	46.4	46.7	46.7	46.7	46.7	46.7	46.7
IV 10000	53.1	53.3	53.8	54.1	54.4	54.6	54.7	54.7	54.7	54.9	55.1	55.1	55.1	55.1	55.1	55.1
IV 9000	57.1	57.4	57.9	58.3	58.7	58.8	58.9	58.9	58.9	59.1	59.3	59.3	59.3	59.3	59.3	59.3
IV 8000	60.3	60.6	61.2	61.8	62.1	62.2	62.4	62.4	62.4	62.7	62.9	62.9	62.9	62.9	62.9	62.9
IV 7000	64.4	65.3	66.1	66.9	67.6	67.8	68.0	68.0	68.0	68.2	68.4	68.4	68.4	68.4	68.4	68.4
IV 6000	67.6	68.6	69.4	70.3	71.0	71.2	71.7	71.8	71.8	72.1	72.3	72.3	72.3	72.3	72.3	72.3
IV 5000	67.6	68.6	69.4	70.3	71.0	71.2	71.7	71.8	71.8	72.1	72.3	72.3	72.3	72.3	72.3	72.3
IV 4500	67.6	68.6	69.4	70.3	71.0	71.2	71.7	71.8	71.8	72.1	72.3	72.3	72.3	72.3	72.3	72.3
IV 4000	69.4	71.0	72.4	73.4	73.9	74.0	74.4	75.0	75.0	75.3	75.6	75.6	75.6	75.6	75.6	75.6
IV 3500	70.2	71.5	73.4	73.9	74.9	76.9	77.4	78.2	78.3	78.9	79.1	79.1	79.1	79.1	79.1	79.1
IV 2500	76.7	72.6	74.2	75.3	77.7	78.1	78.8	79.9	80.0	80.6	80.9	80.9	80.9	80.9	80.9	80.9
IV 2000	71.9	74.2	75.9	73.1	79.0	80.0	81.1	82.7	82.8	83.7	84.2	84.2	84.2	84.2	84.2	84.2
IV 1800	72.0	74.9	76.7	78.9	80.3	80.8	81.9	83.4	83.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4
IV 1500	73.3	75.7	77.7	79.9	81.0	82.0	83.4	85.0	85.2	86.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 1200	74.9	77.2	79.3	81.6	83.2	83.7	85.1	86.7	87.0	88.1	89.1	89.1	89.2	89.2	89.2	89.2
IV 1000	76.1	78.4	80.0	82.8	84.7	85.1	86.8	88.3	88.7	90.0	91.0	91.0	91.1	91.1	91.1	91.1
IV 900	77.2	79.6	81.9	84.1	86.0	86.4	88.1	89.7	90.0	91.3	92.3	92.3	92.6	92.6	92.6	92.6
IV 800	77.0	80.3	82.8	85.0	86.9	87.3	89.0	90.6	90.9	92.2	93.3	93.3	93.6	93.6	93.6	93.6
IV 700	78.4	81.1	83.6	85.9	87.8	88.2	89.9	91.4	91.8	93.1	94.2	94.2	94.4	94.4	94.4	94.4
IV 600	78.8	81.5	84.1	86.4	88.3	88.8	90.4	92.0	92.3	93.7	94.8	94.8	95.1	95.1	95.1	95.1
IV 500	79.1	82.1	84.7	87.0	88.9	89.3	91.0	92.6	92.9	94.2	95.3	95.3	95.6	95.6	95.6	95.6
IV 400	79.7	82.7	85.2	87.7	89.6	90.0	91.8	93.4	93.8	95.1	96.3	96.3	96.6	96.6	96.6	96.6
IV 300	80.0	83.7	86.4	89.0	90.9	91.3	93.1	94.8	95.1	96.6	98.0	98.0	98.6	98.6	98.6	98.6
IV 200	80.0	83.9	86.8	89.4	91.4	91.9	93.8	95.4	95.8	97.2	99.0	99.0	99.6	99.6	99.6	99.6
IV 100	80.0	83.9	86.8	89.4	91.4	91.9	93.8	95.4	95.8	97.2	99.0	99.0	99.6	99.6	99.6	99.6
IV 0	80.0	83.5	86.8	89.4	91.0	92.0	94.0	95.7	96.0	97.7	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 700

AIR FORCE DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

STATION EL PASO DATE 10/10/66 MONTH OCT YEAR 66

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD 0000-1100
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	
NO CEILING	35.0	35.7	35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.0	36.1	36.1	36.3	36.3	36.3	36.3
18000	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
16000	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
14000	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
12000	47.5	48.0	48.2	48.2	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
10000	51.4	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
9000	57.2	57.9	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	63.1	63.9	64.1	64.7	64.8	64.8	65.0	65.3	65.3	65.3	65.3	65.7	65.7	66.0	66.0	66.0
7000	69.1	69.3	69.7	70.4	71.0	71.1	71.4	72.0	72.0	72.0	72.0	72.4	72.4	72.9	72.9	72.9
6000	71.0	71.5	71.7	72.4	72.7	73.0	73.6	73.6	73.6	73.6	74.0	74.0	74.4	74.4	74.4	74.4
5000	73.0	73.3	73.3	73.8	73.8	73.8	74.3	74.9	74.9	74.9	75.3	75.3	75.8	75.8	75.8	75.8
4500	74.0	74.4	74.4	74.9	75.4	75.4	75.9	76.5	76.5	76.5	77.1	77.1	77.5	77.5	77.5	77.5
4000	75.0	75.5	75.5	75.9	76.4	76.4	76.9	77.5	77.5	77.5	78.1	78.1	78.6	78.6	78.6	78.6
3500	76.0	76.4	76.4	76.9	77.4	77.4	77.9	78.5	78.5	78.5	79.1	79.1	79.6	79.6	79.6	79.6
3000	77.0	77.4	77.4	77.9	78.4	78.4	78.9	79.5	79.5	79.5	80.1	80.1	80.6	80.6	80.6	80.6
2500	78.0	78.4	78.4	78.9	79.4	79.4	79.9	80.5	80.5	80.5	81.1	81.1	81.6	81.6	81.6	81.6
2000	79.0	79.4	79.4	79.9	80.4	80.4	80.9	81.5	81.5	81.5	82.1	82.1	82.6	82.6	82.6	82.6
1800	80.0	80.4	80.4	80.9	81.4	81.4	81.9	82.5	82.5	82.5	83.1	83.1	83.6	83.6	83.6	83.6
1500	81.0	81.4	81.4	81.9	82.4	82.4	82.9	83.5	83.5	83.5	84.1	84.1	84.6	84.6	84.6	84.6
1200	82.0	82.4	82.4	82.9	83.4	83.4	83.9	84.5	84.5	84.5	85.1	85.1	85.6	85.6	85.6	85.6
1000	83.0	83.4	83.4	83.9	84.4	84.4	84.9	85.5	85.5	85.5	86.1	86.1	86.6	86.6	86.6	86.6
900	84.0	84.4	84.4	84.9	85.4	85.4	85.9	86.5	86.5	86.5	87.1	87.1	87.6	87.6	87.6	87.6
800	85.0	85.4	85.4	85.9	86.4	86.4	86.9	87.5	87.5	87.5	88.1	88.1	88.6	88.6	88.6	88.6
700	86.0	86.4	86.4	86.9	87.4	87.4	87.9	88.5	88.5	88.5	89.1	89.1	89.6	89.6	89.6	89.6
600	87.0	87.4	87.4	87.9	88.4	88.4	88.9	89.5	89.5	89.5	90.1	90.1	90.6	90.6	90.6	90.6
500	88.0	88.4	88.4	88.9	89.4	89.4	89.9	90.5	90.5	90.5	91.1	91.1	91.6	91.6	91.6	91.6
400	89.0	89.4	89.4	89.9	90.4	90.4	90.9	91.5	91.5	91.5	92.1	92.1	92.6	92.6	92.6	92.6
300	90.0	90.4	90.4	90.9	91.4	91.4	91.9	92.5	92.5	92.5	93.1	93.1	93.6	93.6	93.6	93.6
200	91.0	91.4	91.4	91.9	92.4	92.4	92.9	93.5	93.5	93.5	94.1	94.1	94.6	94.6	94.6	94.6
100	92.0	92.4	92.4	92.9	93.4	93.4	93.9	94.5	94.5	94.5	95.1	95.1	95.6	95.6	95.6	95.6
0	93.0	93.4	93.4	93.9	94.4	94.4	94.9	95.5	95.5	95.5	96.1	96.1	96.6	96.6	96.6	96.6

TOTAL NUMBER OF OBSERVATIONS 700

REPORTING OFFICE:
 STATION NAME:
 DATE: 7-66

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1966

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .58	≥ .5	≥ .516	≥ .4	≥ 0
NO CEILING	41.0	41.4	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
20000	47.0	47.0	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
18000	47.0	47.6	47.9	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
16000	47.0	47.9	48.2	48.2	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
14000	49.8	50.4	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
12000	50.7	50.8	50.7	50.7	50.7	50.7	50.7	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
10000	58.1	57.2	59.7	59.7	59.7	59.7	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
9000	61.2	61.0	63.7	64.0	64.0	64.1	64.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
8000	66.3	68.0	68.9	69.1	69.6	69.9	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
7000	69.6	71.8	72.7	73.2	73.7	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
6000	70.0	72.3	73.2	73.8	74.2	74.6	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
5000	71.7	74.0	75.0	75.7	76.1	76.4	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
4500	72.2	74.6	75.8	76.6	77.1	77.4	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
4000	74.0	76.9	78.3	79.2	80.0	80.4	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
3500	75.0	77.0	79.6	80.6	81.4	81.9	82.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
3000	76.0	78.1	81.0	82.3	83.2	83.7	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
2500	75.7	79.8	81.8	82.1	84.0	84.4	84.8	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8
2000	77.4	80.6	82.7	84.1	85.3	85.9	86.4	87.2	87.2	87.2	87.4	88.3	88.3	88.3	88.3	88.3
1800	77.7	82.8	83.0	84.4	85.7	86.2	86.8	87.5	87.6	87.8	88.8	88.8	88.8	88.8	88.8	88.8
1500	78.2	81.4	83.7	85.3	86.7	87.2	87.8	88.7	88.7	89.1	90.1	90.1	90.1	90.1	90.1	90.1
1200	79.4	83.1	85.3	87.3	88.8	89.4	90.0	90.9	90.9	91.6	92.6	92.6	92.6	92.6	92.6	92.6
1000	80.6	83.9	86.2	88.3	90.1	90.8	91.3	92.2	92.2	93.0	94.2	94.2	94.2	94.4	94.4	94.4
900	81.0	84.9	87.2	89.4	91.2	91.9	92.4	93.3	93.3	94.1	95.3	95.3	95.3	95.6	95.7	95.7
800	82.0	85.8	88.1	90.3	92.3	93.0	93.0	94.6	94.6	95.3	96.7	96.7	96.7	96.9	97.0	97.0
700	82.0	86.4	88.0	91.0	93.0	93.7	94.2	95.2	95.2	96.1	97.4	97.4	97.4	97.7	97.8	97.8
600	83.2	87.1	89.4	91.7	93.7	94.3	94.9	95.9	95.9	96.8	98.1	98.1	98.1	98.3	98.4	98.4
500	83.0	87.4	89.9	92.1	94.1	94.8	95.3	96.3	96.3	97.2	98.0	98.0	98.0	98.0	98.0	98.0
400	83.9	87.8	90.4	92.7	94.7	95.3	95.9	96.9	96.9	97.9	99.2	99.2	99.2	99.4	99.4	99.4
300	84.0	87.9	90.6	92.8	94.8	95.4	96.0	97.0	97.0	98.1	99.4	99.4	99.4	99.4	99.4	99.4
200	84.0	87.9	90.6	92.8	94.8	95.4	96.0	97.0	97.0	98.1	99.4	99.4	99.4	99.4	99.4	99.4
100	84.0	87.9	90.6	92.8	94.8	95.4	96.0	97.0	97.0	98.2	99.6	99.6	99.6	99.6	99.6	99.6
0	84.0	87.9	90.6	92.8	94.8	95.4	96.0	97.0	97.0	98.2	99.6	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
 SAFETY
 AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

STATION: 57-66 YEARS: _____ MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-00-1700
 1958-1970

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 1/4	≥ 0
NO CEILING M 2500	41.0	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
18000 16000	45.4	45.4	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
14000 12000	47.0	47.3	47.7	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
10000 9000	57.0	57.4	57.8	57.9	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
8000 7000	67.6	68.4	69.2	69.4	69.9	69.9	70.0	70.1	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3
6000 5000	69.9	71.4	71.6	72.0	72.4	72.4	72.6	72.7	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1
4500 4000	72.1	73.8	74.7	75.4	75.9	75.9	76.0	76.1	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7
3500 3000	74.0	77.2	78.1	79.0	79.6	79.6	79.7	79.8	79.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4
2500 2000	76.4	79.7	80.8	81.7	82.8	82.8	83.1	83.3	83.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
1800 1500	77.4	81.2	82.3	83.7	84.4	84.9	85.0	85.4	85.4	86.6	87.2	87.2	87.2	87.2	87.2	87.2
1200 1000	79.7	83.6	84.9	86.3	87.9	88.0	88.7	89.2	89.2	90.7	92.0	92.2	92.2	92.2	92.2	92.2
900 800	80.3	87.8	87.8	89.2	91.0	91.1	91.9	92.4	92.4	93.9	95.4	95.7	95.8	95.8	95.8	95.8
700 600	83.4	87.6	89.2	91.0	92.8	92.9	93.7	94.7	94.7	96.2	97.4	97.7	97.9	98.1	98.1	98.1
500 400	84.0	88.9	90.3	92.1	93.9	94.0	94.8	95.3	95.3	96.9	98.6	98.8	99.1	99.3	99.3	99.3
300 200	84.7	89.0	90.4	92.2	94.0	94.1	94.9	95.4	95.4	97.0	98.7	98.9	99.2	99.4	99.4	99.4
100 0	84.8	89.2	90.7	92.4	94.2	94.4	95.2	95.8	95.8	97.3	99.0	99.2	99.6	99.8	99.8	99.8
	84.6	89.2	90.7	92.4	94.2	94.4	95.2	95.8	95.8	97.4	99.2	99.4	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 300

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AFSC

CEILING VERSUS VISIBILITY

STATION NO. 25213 STATION NAME FORT W. LISIUS DC/INIS-46 INT APT YEAR 1966 MONTH 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 JAN 1966

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ 0
NO CEILING	44.0	44.8	43.2	45.3	45.3	45.3	45.3	45.0	45.6	45.0	45.7	45.7	45.7	45.7	45.7
IV 20000	47.1	47.4	47.9	48.0	48.0	48.0	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
IV 18000	47.1	47.4	47.9	48.0	48.0	48.0	48.0	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3
IV 16000	47.4	47.8	48.2	48.3	48.3	48.3	48.3	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7
IV 14000	48.0	48.9	49.3	49.4	49.4	49.4	49.4	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8
IV 12000	48.9	51.2	51.7	51.8	51.8	51.8	51.8	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1
IV 10000	55.7	56.3	56.9	57.0	57.0	57.0	57.0	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4
IV 9000	58.4	59.4	60.2	60.3	60.4	60.4	60.4	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9
IV 8000	62.2	63.4	64.2	64.6	65.0	65.0	65.0	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4
IV 7000	66.1	67.7	68.7	69.0	69.7	69.7	69.7	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1
IV 6000	66.6	68.3	69.3	69.7	70.3	70.3	70.3	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8
IV 5000	68.9	71.1	72.3	72.8	74.1	74.1	74.4	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9
IV 4500	69.7	71.9	73.1	73.6	75.1	75.1	75.4	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9
IV 4000	70.9	73.9	75.1	75.6	77.3	77.3	77.7	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1
IV 3500	71.9	75.2	76.4	76.9	79.1	79.1	79.4	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9
IV 3000	72.1	75.7	77.3	77.8	80.1	80.2	80.7	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1
IV 2500	73.2	77.1	78.8	79.2	81.7	81.9	82.6	83.0	83.0	83.0	83.1	83.2	83.2	83.2	83.2
IV 2000	73.1	79.2	80.9	81.3	83.8	84.0	84.8	85.3	85.3	85.3	85.6	85.7	85.7	85.7	85.7
IV 1800	75.0	79.9	81.6	82.0	84.4	84.7	85.4	86.0	86.0	86.0	86.6	86.7	86.7	86.7	86.7
IV 1500	76.8	81.3	83.0	83.7	86.2	86.4	87.2	88.3	88.3	88.3	89.2	89.3	89.3	89.4	89.4
IV 1200	77.8	82.3	84.1	84.8	87.4	87.7	88.4	89.6	89.6	89.6	90.6	90.7	90.7	90.9	90.9
IV 1000	79.3	84.0	85.8	86.7	89.3	89.6	90.3	91.6	91.6	91.6	92.7	92.8	92.7	93.2	93.2
IV 900	79.9	84.6	86.3	87.2	89.9	90.1	90.9	92.1	92.2	92.2	93.4	93.6	93.7	94.0	94.0
IV 800	80.7	85.3	87.1	88.0	90.7	90.9	91.6	93.0	93.1	93.1	94.3	94.6	94.6	95.0	95.1
IV 700	81.4	86.1	87.9	88.8	91.6	91.8	92.7	93.9	94.0	94.0	95.2	95.4	95.6	96.1	96.2
IV 600	82.1	86.9	88.7	89.6	92.4	92.7	93.0	94.8	94.9	94.9	96.1	96.6	96.6	97.1	97.2
IV 500	82.2	87.0	88.8	89.7	92.6	92.8	93.7	94.9	95.0	95.0	96.4	96.8	96.9	97.4	97.6
IV 400	82.7	87.4	89.6	90.4	93.4	93.7	94.0	95.8	95.9	95.9	97.4	97.8	97.9	98.6	98.6
IV 300	83.1	87.9	90.0	91.1	94.1	94.3	95.2	96.4	96.6	96.6	98.1	98.4	98.8	99.1	99.2
IV 200	83.1	87.9	90.0	91.1	94.2	94.4	95.3	96.6	96.7	96.7	98.3	98.7	98.8	99.3	99.4
IV 100	83.2	88.0	90.1	91.2	94.3	94.6	95.4	96.8	96.9	96.9	98.6	98.9	99.0	99.6	99.7
IV 0	83.2	88.0	90.1	91.2	94.3	94.6	95.4	96.8	96.9	96.9	98.6	98.9	99.0	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

15218 FORT WALKER BC/MSKAA FORT APT

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-2100
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .8	≥ .5	≥ .3	≥ 0	
MC CEILING ≥ 23000	44.0	45.3	45.6	45.7	45.9	45.9	46.1	46.1	46.1	46.1	46.3	46.3	46.8	46.9	46.9
18000	47.4	48.0	48.2	48.3	48.7	48.7	49.0	49.0	49.0	49.0	49.2	49.2	49.7	49.8	49.8
14000	47.8	48.3	48.6	48.7	49.0	49.0	49.3	49.3	49.3	49.3	49.6	49.6	50.0	50.1	50.1
10000	48.6	49.3	49.6	49.7	50.0	50.0	50.3	50.3	50.3	50.3	50.6	50.6	51.0	51.1	51.1
8000	51.1	51.7	51.9	52.0	52.3	52.3	52.7	52.7	52.7	52.7	52.9	52.9	53.3	53.4	53.4
6000	56.2	56.8	57.3	57.4	57.8	57.8	58.1	58.1	58.1	58.1	58.3	58.3	58.8	58.9	58.9
4500	59.2	60.0	60.6	60.9	61.2	61.3	61.7	61.7	61.7	61.7	61.9	61.9	62.3	62.4	62.4
3000	61.3	62.6	63.3	63.7	64.3	64.4	64.8	64.8	64.8	64.8	65.0	65.0	65.4	65.6	65.6
1500	64.9	66.6	67.4	67.8	68.6	68.7	69.0	69.0	69.0	69.0	69.2	69.2	69.7	69.8	69.8
1000	65.6	67.7	68.6	69.2	70.0	70.1	70.4	70.4	70.4	70.4	70.7	70.7	71.1	71.2	71.2
800	67.1	69.7	70.9	71.6	72.8	73.0	73.4	73.4	73.4	73.4	73.7	73.7	74.1	74.2	74.2
600	67.8	70.6	71.8	72.4	73.7	73.9	74.3	74.3	74.3	74.3	74.6	74.6	75.0	75.1	75.1
400	68.7	71.6	73.0	73.9	75.2	75.4	75.9	76.0	76.0	76.0	76.2	76.2	76.7	76.8	76.8
300	69.2	72.6	74.0	75.0	76.6	76.8	77.2	77.3	77.3	77.3	77.6	77.6	78.0	78.1	78.1
200	70.2	73.6	75.1	76.1	77.7	77.9	78.6	78.8	78.8	78.8	79.0	79.0	79.4	79.6	79.6
100	70.9	74.3	75.9	77.0	78.6	78.8	79.7	80.1	80.1	80.1	80.4	80.4	80.9	81.0	81.0
0	72.0	75.6	77.1	78.3	80.2	80.4	81.4	82.6	82.6	82.8	83.3	83.3	83.8	83.9	83.9
1800	72.4	76.0	77.6	78.8	80.7	81.0	82.1	83.3	83.4	83.9	84.4	84.4	84.9	85.0	85.0
1500	73.0	77.2	78.8	80.1	82.2	82.6	83.9	85.2	85.4	85.9	86.7	86.8	87.2	87.3	87.3
1200	73.4	78.1	80.7	82.0	84.3	84.7	86.0	87.3	87.6	88.0	88.8	89.2	89.7	89.8	89.8
1000	75.7	80.4	82.0	83.3	85.8	86.1	87.4	89.1	89.3	89.8	90.7	91.2	91.7	91.8	91.8
900	77.0	80.8	82.3	83.7	86.1	86.4	87.8	89.6	89.8	90.3	91.2	91.8	92.2	92.3	92.3
800	77.9	81.9	83.4	84.8	87.2	87.6	88.9	90.7	90.9	91.4	92.6	93.1	93.6	93.7	93.7
700	78.7	82.7	84.2	85.6	88.0	88.3	89.7	91.4	91.7	92.2	93.3	93.9	94.3	94.4	94.4
600	79.2	83.4	85.0	86.3	88.8	89.1	90.6	92.3	92.6	92.1	94.2	94.8	95.6	95.7	95.7
500	80.2	84.4	86.0	87.4	89.9	90.2	91.7	93.4	93.7	94.2	95.3	95.9	96.7	96.8	96.8
400	80.4	84.7	86.2	87.8	90.2	90.6	92.0	93.8	94.0	94.6	95.7	96.2	97.3	97.4	97.4
300	80.8	85.1	86.7	88.2	90.7	91.0	92.4	94.2	94.4	95.0	96.1	96.7	97.9	98.0	98.0
200	80.9	85.2	86.8	88.3	90.8	91.1	92.6	94.4	94.7	95.2	96.3	96.9	98.3	98.4	98.4
100	81.2	85.6	87.1	88.7	91.1	91.4	92.9	94.8	95.0	95.8	97.2	97.7	99.2	99.3	99.3
0	81.2	85.6	87.1	88.7	91.1	91.4	92.9	94.8	95.0	95.8	97.2	97.7	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 200

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25218 FORM 14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
STATION NAME: POINT BELSHAM EC/USNA DUT WPT YEAR: 57-66 MONTH: FC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0601-0200
0601-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .5	≥ .5	≥ .5	≥ 0
NO CEILING ≥ 20000	57.4	47.6	48.4	46.5	48.6	46.8	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
18000	51.0	51.6	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IVIV 16000	51.1	51.7	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
14000	51.2	51.8	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IVIV 12000	52.7	53.4	54.0	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.5	54.5	54.5	54.5
10000	56.1	56.9	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	58.0	58.0	58.0
IVIV 9000	59.9	60.9	61.4	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	62.0	62.0	62.0	62.0
8000	63.1	64.3	65.1	65.3	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.8	65.9	65.9	65.9	65.9
7000	66.9	68.1	69.1	69.4	69.6	69.6	69.9	69.9	69.9	69.9	69.9	70.0	70.1	70.1	70.1	70.1
IVIV 6000	70.8	72.4	73.9	74.1	74.4	74.4	74.8	74.8	74.8	74.8	74.8	74.9	75.1	75.1	75.1	75.1
5000	73.0	75.1	76.6	76.8	77.1	77.1	77.5	77.5	77.5	77.5	77.5	77.6	77.7	77.7	77.7	77.7
IVIV 4500	74.3	76.5	78.0	78.3	78.7	78.7	79.1	79.1	79.1	79.1	79.1	79.2	79.4	79.4	79.4	79.4
4000	76.1	78.5	80.2	80.6	81.2	81.2	81.6	81.6	81.6	81.6	81.6	81.7	81.8	81.8	81.8	81.8
IVIV 3500	77.3	79.8	81.6	82.0	82.6	82.6	83.0	83.0	83.0	83.0	83.0	83.1	83.2	83.2	83.2	83.2
3000	78.1	80.5	82.3	82.9	83.5	83.5	84.0	84.2	84.2	84.2	84.2	84.3	84.4	84.4	84.4	84.4
IVIV 2500	78.9	81.7	83.8	84.3	85.5	85.6	86.0	86.3	86.3	86.3	86.5	86.6	86.7	86.7	86.7	86.7
2000	79.9	82.6	84.6	85.4	87.1	87.3	87.7	88.2	88.2	88.2	88.4	88.5	88.6	88.6	88.6	88.6
IVIV 1800	80.0	83.4	85.6	86.3	88.1	88.3	88.7	89.1	89.1	89.1	89.4	89.5	89.6	89.6	89.6	89.6
1500	81.5	84.4	86.6	87.3	89.4	89.6	90.0	90.5	90.5	90.5	91.4	91.7	91.8	91.8	91.8	91.8
IVIV 1200	82.0	85.2	87.3	88.2	90.2	90.5	91.0	91.5	91.5	91.5	92.6	93.1	93.2	93.3	93.3	93.3
1000	82.7	85.5	88.2	89.0	91.2	91.5	91.9	92.5	92.5	92.5	93.7	94.4	94.5	94.8	94.8	94.8
IVIV 900	83.2	86.5	88.7	89.6	91.7	92.0	92.7	93.2	93.2	93.2	94.4	95.2	95.3	95.6	95.6	95.6
800	83.2	87.0	89.2	90.4	92.0	92.9	93.7	94.3	94.3	94.3	95.5	96.2	96.3	96.7	96.7	96.7
IVIV 700	84.3	87.7	90.0	91.2	93.3	93.7	94.4	95.1	95.1	95.1	96.2	97.0	97.1	97.4	97.4	97.4
600	85.4	88.9	91.2	92.5	94.0	94.0	95.7	96.3	96.3	96.3	97.5	98.3	98.4	98.8	98.8	98.8
IVIV 500	85.5	89.0	91.3	92.6	95.1	95.4	96.1	96.8	96.8	96.8	98.0	98.7	98.8	99.2	99.2	99.2
400	85.5	89.0	91.3	92.6	95.1	95.4	96.1	96.8	96.8	96.8	98.0	98.9	99.0	99.5	99.5	99.5
IVIV 300	85.5	89.0	91.3	92.6	95.1	95.4	96.1	96.8	96.8	96.8	98.0	99.0	99.1	99.6	99.6	99.6
200	85.5	89.0	91.3	92.6	95.4	95.7	96.5	97.1	97.1	97.1	98.3	99.4	99.5	99.9	99.9	99.9
IVIV 100	85.5	89.0	91.5	92.8	95.4	95.7	96.5	97.1	97.1	97.1	98.3	99.4	99.5	99.9	99.9	99.9
0	85.5	89.0	91.5	92.8	95.4	95.7	96.5	97.1	97.1	97.1	98.3	99.4	99.5	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 74

CEILING VERSUS VISIBILITY

STATION NO. 25218 STATION NAME POINT MUDSON, ALASKA UNIT MT YEAR 57-60 MONTH ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

9300-0400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .4	≥ .8	≥ .5	≥ 5.16	≥ .4	≥ 0
NO CEILING ≥ 2000	49.4	49.9	50.1	50.5	50.5	50.6	50.9	50.0	50.6	50.6	50.6	50.6	50.9	50.9	50.9	50.9
18000 16000	51.4	52.4	52.8	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.3	53.3	53.3	53.3
14000 12000	53.2	53.9	54.3	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.8	54.8	54.8	54.8
10000 9000	55.5	56.1	56.6	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.1
8000 7000	60.1	60.9	61.4	61.6	61.6	61.7	61.9	61.9	61.9	61.9	61.9	61.9	62.2	62.2	62.2	62.2
6000 5000	65.5	67.0	67.8	68.2	68.3	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.9	68.9	68.9	68.9
4500 4000	70.8	72.9	73.9	74.2	74.4	74.5	74.8	74.9	74.9	74.9	74.9	74.9	75.2	75.2	75.2	75.2
3500 3000	76.1	78.7	80.0	80.3	80.6	80.3	81.2	81.4	81.4	81.6	81.6	81.6	81.8	81.8	81.8	81.8
2500 2000	77.1	79.8	81.2	81.5	81.9	82.0	82.6	83.0	83.0	83.2	83.3	83.3	83.5	83.5	83.5	83.5
1800 1500	80.5	83.3	84.9	85.3	86.1	86.3	87.3	88.3	88.3	89.0	89.2	89.2	89.5	89.5	89.5	89.5
1200 1000	81.1	83.9	85.5	85.8	86.7	86.9	87.8	88.8	88.8	89.6	89.8	89.8	90.0	90.0	90.0	90.0
900 800	82.9	84.8	86.6	87.0	88.0	88.2	89.1	90.1	90.1	91.6	91.8	91.8	92.0	92.0	92.0	92.0
700 600	84.9	87.8	89.6	90.0	91.0	91.2	92.3	93.3	93.3	95.3	95.8	95.8	96.0	96.0	96.0	96.0
500 400	85.5	88.5	90.2	90.3	91.7	91.9	93.0	94.4	94.4	96.3	96.9	96.9	97.1	97.1	97.1	97.1
300 200	86.2	89.4	91.1	91.6	92.7	92.9	94.0	95.4	95.4	97.3	97.8	97.8	98.2	98.2	98.2	98.2
100 0	87.3	90.4	92.2	92.7	93.9	94.1	95.2	96.6	96.6	98.5	99.0	99.0	99.4	99.4	99.4	99.4
	87.5	90.6	92.4	92.9	94.1	94.3	95.4	96.8	96.8	98.7	99.2	99.2	99.6	99.6	99.6	99.6
	87.5	90.6	92.6	93.2	94.4	94.6	95.7	97.1	97.1	99.0	99.6	99.6	99.9	99.9	99.9	99.9
	87.5	90.6	92.6	93.2	94.4	94.6	95.7	97.1	97.1	99.0	99.6	99.6	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
 USAF ETAC
 AIR FATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION NAME FORT NELSON DL/ALASKA OUT APT

YEAR 57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FORM NO. 0800

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .5	≥ .5	≥ .5
NO CEILING	42.4	43.2	43.7	44.1	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 2000	43.7	46.0	46.5	46.5	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
18000	45.7	46.0	46.5	46.9	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
16000	46.0	46.3	46.8	47.2	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
14000	47.1	47.4	47.8	48.3	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
12000	48.7	50.0	50.4	50.9	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
10000	53.4	55.9	56.3	56.9	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
9000	60.9	61.5	62.0	62.8	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
8000	65.1	65.8	66.9	67.7	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
7000	68.4	71.9	73.8	74.5	74.9	74.9	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4
6000	70.2	72.8	74.0	75.5	75.0	75.8	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2
5000	72.3	75.2	77.3	78.4	78.9	78.9	79.1	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4
4500	73.1	76.2	78.6	79.7	80.3	80.4	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0
4000	74.0	77.7	80.1	81.5	82.2	82.3	82.8	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2
3500	75.4	78.0	81.0	82.4	83.0	83.1	83.7	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2
3000	76.2	79.5	82.2	83.7	84.4	84.5	85.3	85.6	85.6	85.8	85.9	85.9	85.9	85.9	85.9
2500	77.0	80.0	83.3	84.8	85.7	85.9	86.7	87.3	87.3	87.6	87.7	87.7	87.7	87.7	87.7
2000	77.7	81.4	84.1	85.6	86.6	86.8	87.6	88.6	88.6	89.1	89.2	89.2	89.2	89.2	89.2
1800	78.2	81.8	84.5	85.0	87.1	87.3	88.3	89.2	89.4	89.9	90.1	90.1	90.1	90.1	90.1
1500	80.0	83.7	86.5	88.0	89.0	89.2	90.4	91.4	91.5	92.3	92.6	92.7	92.7	92.7	92.7
1200	81.1	84.7	87.5	89.0	90.1	90.3	91.5	92.5	92.6	93.5	93.9	94.0	94.0	94.0	94.0
1000	82.3	86.0	88.8	90.3	91.4	91.6	92.8	93.8	93.9	94.8	95.2	95.3	95.3	95.3	95.3
900	83.0	86.8	89.6	91.2	92.3	92.5	93.8	94.7	94.8	95.8	96.2	96.3	96.3	96.3	96.3
800	83.6	87.6	90.9	92.5	93.5	93.6	95.1	96.0	96.1	97.2	97.6	97.7	97.7	97.7	97.7
700	84.3	88.2	91.5	93.1	94.2	94.4	95.7	96.7	96.8	97.8	98.3	98.4	98.4	98.4	98.4
600	84.8	88.7	92.0	93.7	94.7	94.9	96.2	97.2	97.3	98.4	98.8	98.9	99.0	99.0	99.0
500	84.9	88.8	92.2	93.8	94.8	95.1	96.3	97.3	97.4	98.5	98.9	99.0	99.0	99.0	99.0
400	85.2	89.4	92.7	94.3	95.4	95.6	96.9	97.8	98.0	99.0	99.6	99.7	99.8	99.8	99.8
300	85.7	89.6	92.9	94.5	95.6	95.8	97.1	98.1	98.2	99.2	99.8	99.9	100.0	100.0	100.0
200	85.7	89.6	92.9	94.5	95.6	95.8	97.1	98.1	98.2	99.2	99.8	99.9	100.0	100.0	100.0
100	85.7	89.6	92.9	94.5	95.6	95.8	97.1	98.1	98.2	99.2	99.8	99.9	100.0	100.0	100.0
0	85.7	89.6	92.9	94.5	95.6	95.8	97.1	98.1	98.2	99.2	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 940

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

STATION 25218 FLYNT JELSON BC/HUSKVA DET APT 57-66 YEARS 16

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0-00-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .3	≥ .15	≥ 0	
NO CEILING	40.7	40.4	41.0	41.2	41.2	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	
IV 20000	43.1	43.9	44.3	44.7	44.7	44.8	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	
IV 18000	43.1	43.9	44.3	44.7	44.7	44.8	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	
IV 16000	43.7	44.4	45.1	45.3	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	
IV 14000	44.4	45.8	46.0	46.8	46.8	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	
IV 12000	44.5	50.4	51.2	51.4	51.4	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	
IV 10000	54.8	56.2	57.5	57.7	57.7	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	
IV 9000	60.0	61.6	63.1	63.4	63.8	64.0	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	
IV 8000	65.7	67.5	69.2	69.7	70.0	70.3	70.6	70.6	70.6	70.6	70.6	70.8	70.8	70.8	70.8	
IV 7000	70.0	71.8	73.5	74.1	74.8	75.3	75.8	75.9	75.9	76.1	76.1	76.2	76.2	76.2	76.2	
IV 6000	70.9	72.5	74.2	74.7	75.5	75.9	76.5	76.6	76.6	76.8	76.8	76.9	76.9	76.9	76.9	
IV 5000	73.0	75.2	77.0	77.5	78.4	78.7	79.2	79.2	79.6	79.8	79.8	79.9	79.9	79.9	79.9	
IV 4500	73.7	75.9	77.7	78.5	79.4	79.8	80.5	80.6	80.6	80.9	80.9	81.0	81.0	81.0	81.0	
IV 4000	74.8	77.4	79.4	80.3	81.4	81.9	82.7	83.0	83.0	83.2	83.3	83.4	83.4	83.4	83.4	
IV 3500	75.8	78.4	80.3	81.3	82.5	83.0	83.8	84.2	84.2	84.4	84.5	84.6	84.6	84.6	84.6	
IV 3000	76.6	79.4	81.3	82.5	83.9	84.5	85.3	85.7	85.7	85.9	86.0	86.1	86.1	86.1	86.1	
IV 2500	77.1	80.5	82.3	83.8	85.5	86.1	87.2	87.6	87.6	87.8	88.0	88.1	88.1	88.1	88.1	
IV 2000	77.8	81.1	83.0	84.7	86.5	87.1	88.2	88.5	88.6	88.9	89.2	89.4	89.4	89.4	89.4	
IV 1800	78.1	81.4	83.3	85.2	86.9	87.3	88.6	89.0	89.0	89.4	89.7	89.8	89.8	89.8	89.8	
IV 1500	78.6	82.2	84.3	86.1	88.2	88.8	90.2	90.6	90.6	91.3	91.9	92.0	92.0	92.0	92.0	
IV 1200	79.1	82.9	85.4	87.2	89.4	90.0	91.4	91.9	91.9	92.7	93.7	93.8	93.8	93.8	93.8	
IV 1000	79.8	83.5	86.0	87.8	90.0	90.6	92.2	92.4	92.9	93.9	94.9	95.1	95.2	95.2	95.2	
IV 900	81.2	84.9	87.4	89.2	91.4	92.0	93.5	94.4	94.4	95.6	96.8	96.9	97.0	97.0	97.0	
IV 800	81.3	85.1	87.6	89.5	91.6	92.3	93.8	94.6	94.6	95.8	97.2	97.3	97.5	97.5	97.5	
IV 700	81.5	85.4	88.3	90.1	92.3	92.9	94.4	95.3	95.3	96.5	97.8	98.0	98.2	98.2	98.2	
IV 600	81.7	85.6	88.5	90.3	92.5	93.1	94.6	95.5	95.5	96.7	98.1	98.3	98.5	98.5	98.5	
IV 500	81.8	85.7	88.6	90.4	92.6	93.2	94.7	95.6	95.6	97.0	98.4	98.6	98.8	98.8	98.8	
IV 400	81.9	85.8	88.7	90.5	92.7	93.3	94.8	95.7	95.7	97.1	98.7	98.9	99.1	99.1	99.1	
IV 300	82.0	86.0	89.1	91.0	93.1	93.8	95.4	96.2	96.2	97.7	99.4	99.6	99.8	99.8	99.8	
IV 200	82.0	86.0	89.1	91.0	93.1	93.8	95.4	96.2	96.2	97.7	99.4	99.6	99.8	99.8	99.8	
IV 100	82.0	86.0	89.1	91.0	93.1	93.8	95.4	96.2	96.2	97.7	99.4	99.6	99.8	99.8	99.8	
IV 0	82.0	86.0	89.1	91.0	93.1	93.8	95.4	96.2	96.2	97.7	99.4	99.7	99.9	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

STATION: PORT WELLS, BL / USMC DJT APT YEAR: 1966 MONTH: 10

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .58	≥ .5	≥ .36	≥ .3
IV 2100	47.3	47.6	48.1	48.5	48.6	48.7	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 1800	47.6	48.1	48.6	48.6	48.7	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 1600	48.2	48.6	49.1	49.1	49.2	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7
IV 1400	49.6	50.2	50.9	50.9	51.0	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.4
IV 1200	50.2	50.6	51.4	51.4	51.5	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9
IV 1000	59.3	59.9	60.8	60.8	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.6
IV 800	60.8	64.7	65.7	65.8	66.2	66.5	66.8	66.8	67.1	67.1	67.1	67.2	67.2	67.3	67.3
IV 700	69.7	71.1	72.5	72.7	73.2	73.4	73.9	74.0	74.0	74.4	74.4	74.4	74.5	74.5	74.7
IV 600	72.2	73.9	75.3	75.7	76.2	76.5	77.0	77.2	77.2	77.6	77.6	77.6	77.7	77.7	78.0
IV 500	72.6	74.3	75.8	76.2	76.5	77.1	77.6	77.8	77.8	78.3	78.3	78.4	78.4	78.4	78.6
IV 400	74.2	75.1	77.0	78.1	78.7	78.9	79.0	79.7	79.7	80.1	80.1	80.1	80.2	80.2	80.4
IV 300	74.4	76.0	76.2	78.6	79.5	79.9	80.4	80.8	80.8	81.2	81.2	81.2	81.3	81.3	81.5
IV 200	74.8	74.5	80.1	80.5	81.4	81.8	82.5	82.8	82.8	83.2	83.2	83.2	83.3	83.3	83.5
IV 100	77.2	83.2	81.9	82.5	83.3	84.0	84.7	85.2	85.2	85.6	85.8	85.8	85.9	85.9	86.1
IV 0	78.4	81.4	83.1	83.8	84.9	85.4	86.9	87.4	87.4	87.8	88.1	88.1	88.2	88.2	88.4
IV 2500	79.2	87.5	84.4	85.4	86.8	87.2	88.7	89.4	89.4	89.8	90.0	90.0	90.1	90.1	90.3
IV 2000	79.9	83.1	85.2	86.2	88.0	88.4	90.1	90.6	90.8	91.2	91.4	91.4	91.5	91.5	91.7
IV 1800	79.9	83.1	85.2	86.2	88.0	88.4	90.1	90.6	90.8	91.2	91.4	91.4	91.5	91.5	91.7
IV 1500	80.1	83.4	85.5	86.6	88.5	89.0	90.9	91.6	91.6	92.4	92.6	92.6	92.7	92.7	92.9
IV 1200	80.5	84.0	86.2	87.6	89.8	90.3	92.3	93.2	93.2	94.0	94.5	94.5	94.7	94.7	94.9
IV 1000	81.7	85.2	87.3	88.8	91.0	91.5	93.2	94.6	94.6	95.0	96.1	96.1	96.3	96.3	96.6
IV 900	82.4	85.8	88.0	89.5	91.6	92.7	94.2	95.3	95.3	96.2	96.8	96.8	97.0	97.0	97.2
IV 800	82.5	85.9	88.6	90.0	92.2	92.7	94.7	95.8	95.8	97.1	97.6	97.6	97.8	97.8	98.1
IV 700	82.8	86.0	88.8	90.2	92.4	92.9	94.9	96.0	96.0	97.3	97.8	98.1	98.3	98.3	98.5
IV 600	82.7	86.2	89.0	90.4	92.6	93.1	95.2	96.2	96.2	97.5	98.2	98.4	98.6	98.6	98.8
IV 500	82.9	86.4	89.2	90.6	92.8	93.3	95.4	96.5	96.5	97.7	98.4	98.7	98.9	98.9	99.1
IV 400	83.0	86.6	89.4	90.8	92.9	93.4	95.5	96.6	96.6	97.8	98.5	98.8	99.0	99.1	99.5
IV 300	83.2	86.8	89.6	91.0	93.1	93.7	95.7	96.8	96.8	98.2	98.8	99.1	99.4	99.5	99.8
IV 200	83.2	86.9	89.8	91.2	93.3	93.9	95.9	97.0	97.0	98.4	99.0	99.4	99.6	99.7	100.0
IV 100	83.2	86.9	89.8	91.2	93.3	93.9	95.9	97.0	97.0	98.4	99.0	99.4	99.6	99.7	100.0
IV 0	83.2	86.9	89.8	91.2	93.3	93.9	95.9	97.0	97.0	98.4	99.0	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 940

ATA PROCESSING DIVISION
 USAF ETAC
 WPC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME: WPT ICAO: WPT STATE: NC COUNTY: WIT CITY: WPT YEAR: 57-66 MONTH: 1700

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 1500-1700

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ 5/8	≥ .5	≥ 5/16	≥ .4	≥ 0
NO CEILING	41.0	42.3	42.4	42.4	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.4	42.7	42.7	42.7	42.7
IV 20000	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.5	47.5	47.5	47.5
IV 18000	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.5	47.5	47.5	47.5
IV 16000	46.6	47.2	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.6	47.6	47.6	47.6
IV 14000	48.0	49.2	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.7	49.7	49.7	49.7
IV 12000	53.1	53.8	53.9	53.7	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.2	54.2	54.2	54.2
IV 10000	56.5	57.2	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.6	57.6	57.6	57.8	57.8	57.8	57.8
IV 9000	61.3	62.4	62.8	62.9	63.5	63.5	63.7	63.7	63.7	63.8	63.8	63.8	64.0	64.0	64.1	64.1
IV 8000	67.1	68.4	69.2	69.4	70.3	70.6	70.8	70.6	70.8	71.0	71.0	71.0	71.2	71.2	71.3	71.3
IV 7000	70.8	72.2	73.3	73.4	74.6	75.1	75.2	75.3	75.3	75.5	75.5	75.5	75.7	75.7	75.8	75.8
IV 6000	71.6	73.1	74.3	74.5	75.7	76.1	76.2	76.3	76.3	76.6	76.6	76.6	76.8	76.8	76.9	76.9
IV 5000	74.1	75.9	77.1	77.5	78.7	79.1	79.2	79.6	79.6	79.8	79.8	80.0	80.0	80.1	80.1	80.1
IV 4500	74.4	76.2	77.4	77.8	79.1	79.6	79.9	80.0	80.0	80.2	80.3	80.3	80.5	80.5	80.6	80.6
IV 4000	76.1	78.4	79.8	80.3	81.7	82.2	82.7	82.8	82.8	83.0	83.3	83.3	83.5	83.5	83.7	83.7
IV 3500	77.2	79.6	81.0	81.6	83.2	83.7	84.4	84.5	84.5	84.8	85.3	85.3	85.5	85.5	85.6	85.6
IV 3000	78.5	81.0	82.5	83.2	84.8	85.3	86.1	86.2	86.2	86.9	87.3	87.3	87.5	87.5	87.6	87.6
IV 2500	80.1	82.7	84.5	85.3	87.0	87.4	88.4	88.7	88.7	89.4	89.8	89.8	90.0	90.0	90.1	90.1
IV 2000	81.0	84.0	85.8	86.6	88.5	88.9	90.0	90.5	90.6	91.5	92.0	92.0	92.3	92.3	92.4	92.4
IV 1800	81.0	84.0	85.8	86.6	88.5	88.9	90.0	90.5	90.6	91.5	92.0	92.0	92.3	92.3	92.4	92.4
IV 1500	81.0	84.0	85.8	86.6	88.5	88.9	90.0	90.5	90.6	91.5	92.0	92.0	92.3	92.3	92.4	92.4
IV 1200	82.4	85.6	87.5	88.3	90.3	91.0	92.0	92.7	92.8	94.2	94.9	94.9	95.2	95.2	95.3	95.3
IV 1000	83.0	86.2	88.2	88.9	91.0	91.6	92.9	93.7	93.8	95.3	96.1	96.1	96.3	96.3	96.5	96.5
IV 900	83.9	87.1	89.0	89.8	91.8	92.5	93.8	94.5	94.6	96.2	97.3	97.3	97.5	97.5	97.6	97.6
IV 800	84.1	87.3	89.4	90.1	92.2	92.8	94.1	94.8	94.9	96.6	97.6	97.6	97.8	97.8	98.0	98.0
IV 700	84.3	87.5	89.7	90.4	92.5	93.1	94.4	95.2	95.3	96.9	98.1	98.1	98.4	98.4	98.5	98.5
IV 600	84.4	87.6	89.8	90.5	92.6	93.2	94.5	95.4	95.4	97.0	98.3	98.3	98.7	98.7	98.8	98.8
IV 500	84.4	87.6	89.8	90.5	92.6	93.2	94.5	95.4	95.5	97.1	98.6	98.6	99.0	99.0	99.1	99.1
IV 400	84.7	88.0	90.2	91.0	93.1	93.8	95.1	95.9	96.0	97.6	99.1	99.1	99.6	99.6	99.7	99.7
IV 300	84.8	88.1	90.3	91.1	93.2	93.9	95.2	96.0	96.1	97.7	99.2	99.2	99.7	99.7	99.8	99.8
IV 200	84.8	88.1	90.3	91.1	93.2	93.9	95.2	96.0	96.1	98.0	99.5	99.5	99.9	99.9	100.0	100.0
IV 100	84.8	88.1	90.3	91.1	93.2	93.9	95.2	96.0	96.1	98.0	99.5	99.5	99.9	99.9	100.0	100.0
IV 0	84.8	88.1	90.3	91.1	93.2	93.9	95.2	96.0	96.1	98.0	99.5	99.5	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

2

AIR FORCE DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION: 25218 NAME: FORT WELLESLEY / WISKWA DUT APT YEAR: 57-60 MONTH: JFC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1400-2000
MONTHLY

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .5	≥ .5	≥ .5	≥ 0
NO CEILING ≥ 20000	46.6	46.5	47.2	47.3	47.5	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
18000	49.5	49.7	50.1	50.2	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
16000	49.5	49.7	50.1	50.2	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
14000	50.6	51.0	51.4	51.5	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
12000	54.0	54.2	54.6	54.7	54.9	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
10000	59.0	60.3	61.1	61.2	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
9000	62.5	63.0	63.2	64.0	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
8000	65.4	66.1	67.1	67.2	67.6	67.7	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
7000	69.6	71.0	72.2	72.6	73.2	73.4	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
6000	71.7	72.9	74.1	74.3	75.2	75.4	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
5000	74.8	75.2	77.5	78.1	78.9	79.1	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
4500	75.8	77.5	78.8	79.6	80.2	80.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
4000	77.0	78.7	80.2	81.2	82.2	82.5	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
3500	77.7	79.6	81.3	82.4	83.3	83.7	84.1	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5
3000	78.8	80.8	82.6	83.7	84.7	85.1	85.5	85.8	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1
2500	79.0	81.5	83.4	84.5	85.8	86.1	86.6	87.1	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5
2000	80.0	82.9	84.1	86.2	88.0	88.3	88.9	89.5	89.5	90.0	90.3	90.3	90.3	90.3	90.3	90.3
1800	80.8	83.2	85.4	86.6	88.3	88.6	89.2	89.9	89.9	90.4	91.0	91.0	91.0	91.0	91.0	91.0
1500	81.0	84.1	86.2	87.4	89.1	89.5	90.2	91.0	91.0	91.9	92.5	92.5	92.7	92.7	92.7	92.7
1200	82.7	85.4	87.6	89.0	90.8	91.1	91.8	92.6	92.7	93.7	94.5	94.5	94.7	94.7	94.7	94.7
1000	84.0	86.6	89.1	90.5	92.5	92.9	93.6	94.5	94.6	95.6	96.6	96.6	96.8	96.8	96.8	96.8
900	84.4	87.2	89.8	91.2	93.1	93.5	94.4	95.2	95.3	96.2	97.4	97.4	97.6	97.6	97.6	97.6
800	84.5	87.3	90.0	91.4	93.3	93.6	94.6	95.4	95.5	96.5	97.6	97.6	97.8	97.8	97.8	97.8
700	84.0	87.4	90.1	91.5	93.4	93.9	94.7	95.6	95.7	96.7	97.8	97.8	98.1	98.1	98.1	98.1
600	85.1	87.8	90.5	91.9	93.9	94.3	95.2	96.0	96.1	97.1	98.1	98.1	98.5	98.5	98.5	98.5
500	85.4	89.3	91.1	92.7	94.6	95.1	95.9	96.8	96.9	97.8	99.0	99.0	99.2	99.2	99.2	99.2
400	85.4	88.3	91.1	92.9	94.8	95.3	96.2	97.1	97.2	98.2	99.5	99.5	99.7	99.7	99.7	99.7
300	85.4	88.2	91.1	93.0	94.9	95.4	96.3	97.1	97.4	98.4	99.7	99.7	99.9	99.9	99.9	99.9
200	85.4	88.2	91.1	93.0	94.9	95.4	96.3	97.1	97.4	98.4	99.7	99.7	100.0	100.0	100.0	100.0
100	85.4	88.3	91.1	93.0	94.9	95.4	96.3	97.1	97.4	98.4	99.7	99.7	100.0	100.0	100.0	100.0
0	85.4	88.3	91.1	93.0	94.9	95.4	96.3	97.1	97.4	98.4	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 730

AFM FORM 431-1 (REV. 5-64)
 USAF ETAC
 16 JUL 64

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7-100-677-70

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .58	≥ .5	≥ .36	≥ .3	≥ 0
20000	46.0	46.5	47.2	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
18000	47.1	47.6	50.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
16000	49.1	49.6	50.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
14000	50.9	51.3	52.0	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
12000	53.1	53.5	54.3	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
10000	57.2	57.8	58.7	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
9000	60.2	61.1	61.9	62.3	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
8000	63.3	64.2	65.7	66.1	66.3	66.6	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
7000	67.1	68.6	70.3	71.0	71.3	71.6	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
6000	70.8	72.4	72.2	72.8	73.1	73.4	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
5000	72.6	73.6	74.1	75.7	76.1	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
4500	72.0	73.6	75.4	76.5	77.0	77.5	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
4000	72.7	75.6	78.2	78.8	79.4	79.9	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
3500	74.0	77.0	79.4	80.2	80.8	81.3	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
3000	75.4	78.0	80.3	81.3	82.2	83.0	83.4	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
2500	76.5	79.4	81.8	82.8	84.2	84.9	85.5	85.8	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3
2000	77.2	80.3	82.9	84.2	86.0	86.8	87.6	88.2	88.2	88.9	89.2	89.2	89.2	89.2	89.2	89.2
1800	78.4	81.7	84.5	85.9	88.1	88.8	89.8	90.6	90.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3
1500	79.2	82.6	85.4	86.8	89.0	89.8	91.0	91.8	91.8	92.9	93.8	93.8	93.8	93.8	93.8	93.8
1200	80.2	83.5	86.5	87.8	90.1	90.7	92.0	92.9	92.9	94.0	94.8	94.8	94.8	94.8	94.8	94.8
1000	80.9	84.3	87.3	88.7	91.0	91.7	92.9	93.8	93.8	94.8	95.8	95.8	95.8	95.8	95.8	95.8
900	81.0	84.4	87.4	88.8	91.1	91.8	93.1	94.0	94.0	95.1	96.0	96.0	96.1	96.1	96.1	96.1
800	81.5	84.9	88.0	89.5	91.7	92.5	93.8	94.6	94.6	95.7	96.7	96.7	96.8	96.8	96.8	96.8
700	82.6	85.6	88.6	90.3	92.9	93.3	94.6	95.5	95.5	96.6	97.5	97.5	97.6	97.6	97.6	97.6
600	82.9	86.3	89.6	91.3	93.7	94.4	95.7	96.6	96.6	97.6	98.6	98.6	98.7	98.7	98.7	98.7
500	83.0	86.5	89.7	91.4	93.8	94.5	95.9	96.8	96.8	97.8	98.8	98.8	98.9	98.9	98.9	98.9
400	83.0	86.5	89.7	91.4	93.8	94.5	96.2	97.1	97.1	98.2	99.2	99.2	99.4	99.4	99.4	99.4
300	83.0	86.5	89.7	91.4	93.8	94.5	96.2	97.1	97.1	98.3	99.4	99.4	99.7	99.7	99.7	99.7
200	83.0	86.5	89.7	91.4	93.8	94.5	96.2	97.1	97.1	98.3	99.4	99.4	99.8	99.8	99.8	99.8
100	83.0	86.5	89.7	91.4	93.8	94.5	96.2	97.1	97.1	98.3	99.4	99.4	99.8	99.8	99.8	99.8
0	83.0	86.5	89.7	91.4	93.8	94.5	96.2	97.1	97.1	98.3	99.4	99.4	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 730

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:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

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DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

25210 STATION: FORT WILSON DC/MUSKOGEE DIST APT PERIOD: 57-66 MONTH: ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	15.6	7.7	5.9	4.8	3.7	2.6	3.4	3.8	5.8	12.5	34.3	6.1	7440
FEB		9.2	7.5	5.9	4.7	3.3	2.5	3.5	4.7	7.0	16.5	35.1	6.7	6768
MAR		11.1	8.1	7.1	5.4	4.1	3.4	4.3	5.5	7.5	14.7	28.8	6.2	7440
APR		6.9	7.4	6.6	5.9	5.0	3.8	4.3	6.6	9.4	18.3	25.4	6.4	7200
MAY		2.0	6.8	7.0	6.1	5.3	4.6	4.9	7.5	10.3	20.9	24.1	6.8	7439
JUN		.5	4.9	5.8	5.9	5.5	4.7	6.5	8.8	11.9	27.8	17.9	7.0	7194
JUL		.7	5.3	7.8	7.4	6.8	5.8	6.8	8.9	11.8	23.4	14.7	6.6	7440
AUG		3.3	7.1	7.3	7.4	6.6	5.5	6.1	7.6	10.4	20.4	18.3	6.4	7440
SEP		4.3	7.1	6.7	6.3	5.1	4.1	4.8	6.8	9.3	21.1	24.5	6.7	7200
OCT		6.9	6.4	5.5	5.8	4.4	3.6	4.8	5.5	9.4	20.0	27.3	6.7	7440
NOV		7.7	7.6	5.9	4.7	3.4	2.9	3.4	4.4	6.4	17.7	35.8	6.8	7200
DEC		9.3	7.7	5.8	5.1	4.0	3.3	3.3	4.2	7.0	15.6	35.0	6.6	7440
TOTALS		6.5	7.0	6.4	5.8	4.8	3.9	4.7	6.2	8.9	19.1	26.8	6.6	87641

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SKY COVER

20210 FORT NELSON BC/MUSKWA BOUT APT 57-66 JAN

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	25.3	7.3	4.7	4.5	3.4	1.6	2.6	3.2	3.3	7.4	36.3	5.5	930
	03-05	23.9	8.9	4.0	4.6	2.7	1.7	3.0	1.9	3.9	7.3	38.1	5.6	930
	06-08	13.3	9.2	6.7	4.4	3.8	2.5	3.0	3.5	6.9	11.4	35.3	6.2	930
	09-11	5.4	8.0	6.9	4.4	3.0	2.9	3.8	4.9	8.2	22.5	29.5	6.6	930
	12-14	8.2	7.2	5.8	4.5	3.2	3.1	3.1	4.7	8.9	20.5	30.3	6.7	930
	15-17	8.2	8.7	6.2	5.2	2.6	2.9	3.1	6.0	7.3	16.5	31.3	6.6	930
	18-20	17.7	6.6	6.8	5.4	5.4	3.5	4.0	3.4	4.8	5.8	36.3	5.8	930
	21-23	22.6	4.6	5.6	5.6	4.9	2.5	4.0	2.6	3.3	6.5	37.4	5.7	930
TOTALS		12.6	7.7	5.9	4.8	3.7	2.6	3.4	3.8	5.8	12.5	34.3	6.1	7440

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SKY COVER

2521R FUPT FLSIN FC/MISNNA MUT APT 57-66 FEB
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	14.8	8.3	5.7	4.3	3.4	2.1	4.4	4.1	0.6	7.9	38.4	6.2	846
	03-05	14.2	6.5	6.5	4.4	2.2	2.4	3.4	3.7	5.4	4.6	41.7	6.5	846
	06-08	6.5	6.9	6.1	4.8	3.3	3.0	5.3	4.1	6.3	17.5	36.2	6.5	846
	09-11	2.5	7.2	4.8	4.7	2.6	1.5	3.5	5.0	4.7	21.6	36.4	7.4	846
	12-14	3.4	7.8	4.5	5.2	4.5	3.5	2.6	6.5	8.5	21.5	31.4	7.1	846
	15-17	5.4	6.7	6.7	4.1	2.2	2.1	3.2	5.2	7.3	27.3	29.6	7.1	846
	18-20	9.0	9.3	7.4	4.8	3.9	2.7	3.3	4.0	5.4	16.7	32.7	6.4	846
	21-23	16.4	7.6	5.4	5.1	4.3	3.0	2.6	4.7	6.6	9.8	34.0	6.0	846
	TOTALS	9.2	7.5	5.9	4.7	3.3	2.5	3.5	4.7	7.0	16.5	35.1	6.7	6768

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

22218 FORT WILSON AC/MUSKWA OUT APT 57-66 MAR
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	22.3	8.3	6.0	5.8	4.3	2.5	2.7	4.6	5.9	7.4	30.2	5.3	930
	03-05	20.4	9.2	5.6	4.4	2.9	1.8	3.7	6.3	6.2	7.6	31.7	5.6	930
	06-08	5.2	7.2	8.2	5.6	3.0	3.9	4.3	5.5	7.1	20.1	30.0	6.7	930
	09-11	5.8	7.1	6.5	4.7	4.6	2.5	4.0	5.6	8.7	18.7	31.8	6.8	930
	12-14	5.4	8.5	8.2	3.5	3.1	4.2	5.6	5.5	9.8	20.5	25.7	6.6	930
	15-17	4.1	8.8	7.5	5.5	4.6	4.5	5.2	6.0	8.3	20.2	25.3	6.6	930
	18-20	5.8	8.7	8.4	7.3	5.8	4.6	4.7	4.8	8.3	15.4	26.1	6.2	930
	21-23	19.7	6.8	6.2	6.6	4.8	3.1	4.1	5.7	5.6	8.0	29.5	5.5	930
TOTALS		11.1	8.1	7.1	5.4	4.1	3.4	4.3	5.5	7.5	14.7	28.8	6.2	7440

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DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

20218 FORT NELSON BC/MUSKWA OUT APT 57-66 APR
 STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	17.4	8.8	6.6	6.6	3.7	3.8	3.1	5.2	7.4	9.0	28.1	5.5	900
	03-05	8.9	9.2	7.2	6.0	4.8	3.3	4.2	5.7	8.7	16.4	25.6	6.2	900
	06-08	5.3	6.9	7.1	4.8	5.0	2.9	3.9	5.2	8.2	22.7	28.0	6.8	900
	09-11	3.6	7.0	5.7	5.4	6.4	4.0	4.6	6.3	9.0	19.3	28.7	6.8	900
	12-14	2.3	6.3	4.4	4.3	5.7	4.9	7.1	9.3	12.1	19.8	23.7	6.9	900
	15-17	3.1	4.9	5.8	4.9	4.1	3.6	5.7	8.3	12.3	25.8	21.6	7.0	900
	18-20	3.0	5.8	7.6	7.7	5.8	4.6	4.9	6.9	9.8	22.0	22.1	6.6	900
	21-23	10.9	10.5	8.1	7.2	4.8	3.3	4.7	6.0	7.9	11.7	25.2	5.7	900
TOTALS		6.8	7.4	6.6	5.9	5.0	3.8	4.8	6.6	9.4	15.3	25.4	6.4	7200

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

25218 FORT NELSON LC/MUSKWA DDJ APT 37-66 MAY
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AY	00-02	6.2	12.3	9.0	6.0	5.2	3.3	4.3	5.7	6.9	16.0	25.1	6.0	930
	03-05	3.0	9.4	6.6	6.5	4.6	4.3	4.5	6.1	8.7	22.3	23.5	6.6	930
	06-08	3.7	6.8	7.6	4.4	5.3	3.4	3.2	6.8	9.9	20.3	28.6	6.9	930
	09-11	1.4	5.8	6.7	5.3	6.2	4.6	4.8	7.1	10.9	22.5	24.7	7.0	930
	12-14	.9	3.7	4.2	4.4	6.0	6.6	5.3	8.9	13.3	24.6	22.2	7.3	930
	15-17	1.1	2.6	4.2	5.6	5.1	4.5	6.1	10.8	14.2	23.2	22.7	7.3	930
	18-20	1.5	4.0	7.6	7.8	5.3	6.1	6.3	8.4	10.3	21.9	20.6	6.8	930
	21-23	2.5	9.7	10.2	8.5	4.4	4.3	5.0	6.2	7.9	15.9	25.1	6.3	929
TOTALS		2.6	6.8	7.0	6.1	5.3	4.6	4.9	7.5	10.3	20.9	24.1	6.8	7439

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

25218 FORT NELSON RC/MUSKWA DUT APT
 STATION STATION NAME

57-66

PERIOD

JUN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	.9	10.6	8.1	8.9	4.7	4.8	5.6	7.7	9.8	22.1	17.0	6.3	900
	03-05	.9	6.6	7.2	8.6	4.1	3.8	6.6	7.7	10.9	26.8	17.0	6.7	900
	06-08	.8	6.1	6.3	7.7	6.0	2.8	4.8	6.2	9.7	29.2	20.4	7.0	900
	09-11	.0	3.6	5.9	5.9	7.6	4.7	6.6	9.3	10.9	25.2	19.9	7.0	900
	12-14		1.8	2.9	3.2	5.5	6.3	7.8	12.0	14.2	27.4	18.9	7.5	899
	15-17		1.0	2.8	3.2	5.2	5.2	7.4	8.7	15.3	34.3	16.3	7.0	897
	18-20	.4	2.8	6.6	3.8	4.2	3.9	7.6	9.9	13.0	30.3	17.5	7.3	898
	21-23	.4	5.9	6.9	5.9	6.0	5.8	5.6	8.7	11.3	26.9	16.1	6.8	900
	TOTALS	.5	4.9	5.8	5.9	5.5	4.7	6.5	8.8	11.9	27.8	17.9	7.0	7194

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/1AC

SKY COVER

29219
 STATION

RIGHT NELSON PC/MUSKWA DUT APT
 STATION NAME

57-66
 PERIOD

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	.8	10.5	7.8	7.7	8.5	5.0	7.1	8.0	10.3	21.0	12.5	6.1	930
	03-05	1.0	7.8	9.9	8.6	6.0	5.4	8.0	5.9	10.8	21.1	15.6	6.3	930
	06-08	1.5	6.1	9.8	7.3	6.3	4.3	5.7	9.1	10.6	21.0	18.0	6.5	930
	09-11	1.5	4.8	6.7	8.4	8.1	6.3	6.0	9.2	10.9	19.2	18.8	6.6	930
	12-14	.4	3.5	6.0	7.4	6.5	6.0	7.4	9.9	13.9	25.5	13.4	6.8	930
	15-17	.1	2.5	6.3	6.7	6.3	6.5	6.9	10.3	14.6	28.0	11.8	6.9	930
	18-20		2.9	8.0	7.7	5.8	6.1	6.7	9.0	12.6	28.4	12.8	6.8	930
	21-23	.3	4.5	8.2	8.9	6.9	6.3	6.7	9.8	11.0	22.6	14.8	6.5	930
TOTALS		.7	5.3	7.8	7.9	6.8	5.8	6.8	8.9	11.8	23.4	14.7	6.6	7440

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

25218 STATION FORT NELSON EC/MUSKWA DUT APT STATION NAME 57-66 PERIOD AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	10.2	13.8	8.4	7.3	7.0	3.6	6.1	6.1	5.4	13.1	18.7	5.3	930
	03-05	3.4	8.5	9.2	7.2	6.3	4.8	5.7	6.2	10.4	20.0	18.1	6.2	930
	06-08	2.2	7.3	5.3	5.3	5.3	4.5	5.4	8.1	11.2	23.5	22.0	6.9	930
	09-11	2.9	4.9	7.8	7.5	6.1	4.8	4.1	6.9	7.4	24.6	20.9	6.7	930
	12-14	1.0	3.5	5.1	3.9	4.8	6.2	8.1	9.5	13.9	21.9	17.1	6.8	930
	15-17	1.0	3.5	6.7	6.2	8.5	7.7	7.5	8.3	13.3	21.3	15.9	6.7	930
	18-20	1.3	5.4	7.8	8.9	7.2	6.6	6.7	7.8	11.7	21.7	14.8	6.4	930
	21-23	4.1	10.2	8.1	7.8	7.7	5.5	5.2	8.2	7.6	16.7	18.9	6.0	930
TOTALS		3.3	7.1	7.3	7.4	6.6	5.5	6.1	7.6	10.4	20.4	18.3	6.4	7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

25218
STATION

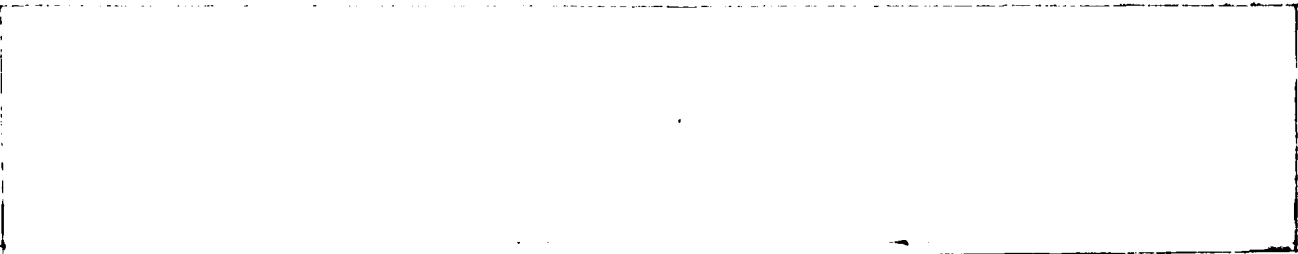
SOPT NELSON BC/MUSKWA DUT APT
STATION NAME

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	10.4	11.3	6.0	6.2	5.1	3.6	4.2	6.7	6.8	13.0	26.7	5.9	900
	03-05	6.3	8.8	6.2	7.0	5.7	4.0	4.6	5.8	10.1	14.7	26.9	6.3	900
	06-08	1.2	4.0	4.8	4.3	3.4	2.1	4.8	7.4	11.2	29.6	27.1	7.6	900
	09-11	2.1	4.9	5.9	4.9	3.2	4.7	4.6	4.7	10.8	27.8	26.6	7.3	900
	12-14	2.4	4.0	6.6	6.7	5.3	4.3	5.4	7.4	9.1	24.7	24.0	7.0	900
	15-17	1.6	4.1	7.4	5.8	7.3	4.3	4.4	7.2	8.6	27.4	21.6	7.0	900
	18-20	2.3	8.0	8.2	7.8	5.1	4.8	5.3	8.0	11.1	18.8	20.6	6.4	900
	21-23	9.2	11.3	8.1	7.3	5.0	4.7	5.0	6.9	6.9	12.6	22.4	5.7	900
TOTALS		4.5	7.1	6.7	6.3	5.1	4.1	4.8	6.8	9.3	21.1	24.5	6.7	7200



2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

25214 FIFT NELSON BC/MUSKWA DUT APT
STATION STATION NAME

57-66
PERIOD

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	13.4	11.0	9.1	4.4	5.1	1.9	4.7	4.6	6.6	10.3	31.0	5.8	930
	03-05	11.8	9.9	5.3	5.5	4.3	4.3	3.5	5.6	7.2	12.3	30.3	6.1	930
	06-08	2.3	6.2	5.3	4.5	4.7	4.0	5.6	5.3	10.3	25.2	26.7	7.2	930
	09-11	1.2	4.6	4.9	6.1	4.9	3.1	4.7	5.3	10.5	28.4	26.1	7.3	930
	12-14	1.0	3.5	4.4	7.3	3.4	4.7	6.2	7.6	11.9	25.6	24.2	7.3	930
	15-17	1.8	3.5	5.4	6.5	5.2	4.1	5.3	4.8	12.8	27.5	23.1	7.2	930
	18-20	7.4	4.2	6.5	6.8	4.0	3.7	4.0	6.1	8.2	18.8	26.5	6.4	930
	21-23	15.3	8.4	6.0	5.2	3.7	3.1	4.4	4.3	7.4	11.8	30.4	5.9	930
TOTALS		6.8	6.9	5.5	5.8	4.4	3.6	4.8	5.3	9.4	20.0	27.3	6.7	7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

2521A FORT NELSON RC/MUSKWA DDT APT 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	12.8	9.1	5.8	4.0	2.8	1.8	3.2	4.1	7.0	9.3	40.1	6.4	900
	04-05	15.0	8.8	6.6	3.4	3.1	2.6	3.1	3.4	7.4	7.8	40.8	6.4	900
	06-08	6.4	8.4	5.0	4.3	3.8	3.3	4.0	4.4	6.1	16.6	37.6	6.9	900
	09-11	1.9	6.9	5.3	4.8	3.0	3.3	2.2	4.7	5.4	30.2	32.2	7.4	900
	12-14	2.4	6.2	5.9	4.1	2.4	3.8	4.7	5.4	8.2	28.7	27.8	7.3	900
	15-17	2.1	8.0	6.0	4.8	4.0	3.2	3.3	6.3	6.8	24.1	31.3	7.2	900
	18-20	7.8	7.6	6.6	6.4	4.8	3.8	3.3	4.2	4.2	12.9	38.4	6.6	900
	21-23	13.1	7.7	6.1	6.1	3.4	1.3	3.3	2.9	5.9	11.8	38.3	6.4	900
TOTALS		7.7	7.6	5.9	4.7	3.4	2.9	3.4	4.4	6.4	17.7	35.8	6.8	7200

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

25210 FORT NELSON FC/MUSKWA DUT APT 57-66 DEC
STATION PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS ULST	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		
EC	00-02	15.7	8.8	5.1	4.5	3.0	2.6	3.4	4.3	5.9	8.3	38.4	6.1	930
	03-05	16.0	7.3	5.2	5.4	4.9	3.9	3.0	3.8	5.1	8.1	37.4	6.0	930
	06-08	7.8	9.2	7.3	4.3	4.7	3.2	2.7	3.7	6.0	15.9	35.1	6.6	930
	09-11	1.3	6.6	6.0	5.4	4.5	3.3	3.5	4.2	9.1	24.0	31.4	7.3	930
	12-14	2.7	7.3	4.8	4.9	4.4	2.4	3.5	5.3	11.1	25.5	28.1	7.2	930
	15-17	2.7	7.6	6.2	5.6	3.4	4.3	2.8	4.9	9.0	21.7	31.6	7.1	930
	18-20	11.9	7.2	6.1	5.2	4.4	3.7	3.0	4.0	4.9	11.9	37.6	6.4	930
	21-23	14.0	7.7	5.6	5.7	2.6	2.7	4.2	3.4	4.9	9.0	40.1	6.3	930
TOTALS		9.3	7.7	5.8	5.1	4.0	3.3	3.3	4.2	7.0	15.6	35.0	6.6	7440

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:

DATA NOT AVAILABLE

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 (σ_x). 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.

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON FC/INUSKULIUT APT 57-66

YEARS

ALL MONTHS

PAGE 1

ALL

HOURS 11,511

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. Wet Bulb	Dry Bulb Wet Bulb Dew Point	
92/ 91																																		2	2
90/ 89																																		4	4
88/ 87																																		22	22
86/ 85																																		63	63
84/ 83																																		153	153
82/ 81																																		195	195
80/ 79																																		297	297
78/ 77																																		493	493
76/ 75																																		694	694
74/ 73																																		887	887
72/ 71																																		1059	1059
70/ 69																																		1262	1262
68/ 67																																		1331	1331
66/ 65																																		1624	1624
64/ 63																																		1715	1715
62/ 61																																		2099	2099
60/ 59																																		2276	2276
58/ 57																																		2467	2467
56/ 55																																		2829	2829
54/ 53																																		2630	2630
52/ 51																																		2753	2753
50/ 49																																		2620	2620
48/ 47																																		2485	2485
46/ 45																																		2228	2228
44/ 43																																		2171	2171
42/ 41																																		2130	2130
40/ 39																																		2105	2105
38/ 37																																		1990	1990
36/ 35																																		2065	2065
34/ 33																																		2034	2034
32/ 31																																		1992	1994
30/ 29																																		1905	1907
28/ 27																																		1635	1635
26/ 25																																		1432	1433
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						< 0 F	> 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 74 0-26 5 (O-L-A) (FORM PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)

2

DATA PROCESSING DIVISION
 SAFETY
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON BC/NUSKWA DUT APT

57-66

YEARS

ALL MONTH

PAGE 2

ALL MONTHS U.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
24/ 23	.4	1.0	.2	.0																														1387	1387	1565	2426
22/ 21	.3	1.0	.1	.0																														1392	1392	1529	2425
20/ 19	.7	.8	.1																															1423	1423	1626	2196
18/ 17	.8	.7	.0																															1439	1339	1482	1963
16/ 15	.9	.6	.1																															1369	1370	1419	1858
14/ 13	1.0	.6	.1																															1347	1347	1410	1578
12/ 11	1.1	.9	.1																															1408	1408	1453	1470
10/ 9	1.3	.4																																1647	1647	1738	1372
8/ 7	1.5	.3																																1591	1591	1636	1701
6/ 5	1.7	.2																																1678	1678	1710	1725
4/ 3	1.8	.2																																1694	1694	1711	1551
2/ 1	1.9	.2																																1764	1764	1761	1768
0/ -1	1.9	.1																																1781	1782	1811	1808
-2/ -3	1.9	.1																																1713	1714	1722	1471
-4/ -5	1.9	.1																																1716	1718	1719	1970
-6/ -7	1.8	.1																																1674	1676	1675	1655
-8/ -9	1.8	.1																																1616	1623	1622	1678
-10/ -11	1.7	.0																																1477	1482	1493	1490
-12/ -13	1.4	.0																																1227	1229	1233	1365
-14/ -15	1.2	.0																																1069	1070	1059	1343
-16/ -17	1.0	.0																																897	897	902	1230
-18/ -19	.8	.0																																711	712	717	1041
-20/ -21	.7	.0																																660	664	664	950
-22/ -23	.6	.0																																563	571	557	812
-24/ -25	.6	.0																																553	563	561	674
-26/ -27	.5	.0																																451	459	446	570
-28/ -29	.4	.0																																394	406	399	442
-30/ -31	.4	.0																																334	352	335	570
-32/ -33	.3																																	254	271	254	437
-34/ -35	.2																																	157	211	157	352
-36/ -37	.0																																	2	187	2	312
-38/ -39																																			150		174
-40/ -41																																			80		98
-42/ -43																																			72		27
Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.						≤ 0 F	1-32 F	33-67 F	68-73 F	74-80 F	81-93 F																										
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA OUT APT 57-66 ALL
STATION MONTH YEARS
PAGE 3 ALL
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
=44/-45																																		34	8
=46/-47																																		12	1
=48/-49																																	8		
=50/-51																																	5		
TOTAL	17.9	23.6	10.5	6.8	5.4	4.6	3.5	2.9	2.1	1.4	.9	.4	.1	.1	.0	.0																87640	86935		
																		86935														86935			

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	
Rel. Hum.	502598425	6408975	73.7	18.609	86932							
Dry Bulb	144954157	2552537	29.1	28.385	87640	1792.3	34291.0	646.3	281.0	96.3		8760
Wet Bulb	111587218	2268944	26.1	24.544	86935	1778.0	3581.7	6.6				8760
Dew Point	88423591	1817759	20.9	24.082	86935	2114.8	5414.9	.2				8760

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25215 FORT NELSON BC/MUSKWA DJT APT

57-66

JAN
MONTH

STATION NAME

YEARS

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													
38/37				.0														2	2																
36/35	.0	.0	.1	.0														10	10	2	1														
34/33	.0	.0	.1	.0														11	11	9	3														
32/31			.0	.0														5	5	6	4														
30/27		.0	.0	.0														6	6	6	4														
28/27	.0	.1	.0	.0														14	14	11	5														
26/25	.1	.2	.3	.0														25	25	28	5														
24/23	.3	.3	.0	.0														41	41	35	18														
22/21	.4	.4	.0	.0														57	57	54	34														
20/19	.7	.4	.0	.0														76	76	80	54														
18/17	.9	.4	.0	.0														67	67	67	60														
16/15	1.1	.4	.0	.0														98	98	98	72														
14/13	1.2	.9	.0	.0														118	118	119	87														
12/11	1.6	.9	.0	.0														142	142	144	92														
10/9	2.1	.9	.0	.0														173	173	172	101														
8/7	2.8	.4	.0	.0														227	227	229	169														
6/5	2.9	.2	.0	.0														216	216	221	169														
4/3	2.8	.2	.0	.0														207	207	206	211														
2/1	4.2	.2	.0	.0														308	308	306	237														
0/-1	5.2	.2	.0	.0														374	374	377	251														
-2/-3	4.4	.1	.0	.0														311	312	314	245														
-4/-5	4.1	.1	.0	.0														295	295	295	383														
-6/-7	5.5	.1	.0	.0														401	401	393	307														
-8/-9	6.8	.3	.0	.0														491	493	495	284														
-10/-11	6.8	.1	.0	.0														481	483	487	342														
-12/-13	6.9	.2	.0	.0														489	491	491	459														
-14/-15	5.4	.9	.0	.0														398	398	388	417														
-16/-17	3.9	.1	.0	.0														283	283	288	457														
-18/-19	3.0	.1	.0	.0														213	214	215	388														
-20/-21	3.2	.1	.0	.0														227	231	229	321														
-22/-23	3.0	.1	.0	.0														213	215	211	231														
-24/-25	3.2	.0	.0	.0														224	232	227	210														
-26/-27	2.9	.1	.0	.0														205	210	201	234														
-28/-29	2.7	.1	.0	.0														194	205	197	154														
Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total																						
Rel. Hum.					$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAF ETAC FORM 0-26-5 (OL A) JUL 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

75218 FORT NELSON BC/MUSKWA COT APT 57-66 JAN
STATION STATION NAME YEARS MONTH

PAGE 2 ALL
HOURS U.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	2.3	.0																159	177	160	241															
-32/-33	1.7																	117	133	117	210															
-34/-35	1.1																	73	111	73	179															
-36/-37	.0																	1	108	1	152															
-38/-39																			94		93															
-40/-41																			56		54															
-42/-43																			62		12															
-44/-45																			34																	
-46/-47																			12																	
-48/-49																			8																	
-50/-51																			5																	
TOTAL	72.8	6.8	.4	.1														6952	7440	6952	6952															

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$> 67 F$	$> 73 F$	$> 80 F$	$> 93 F$	
Rel. Hum.	45494188	560030	80.6	7.204	6949							
Dry Bulb	2394873	-72623	-9.815	0.55	7440	563.7	741.7					744
Wet Bulb	1670504	-54868	-7.913	0.343	6952	552.1	742.8					744
Dew Point	2433187	-85269	-12.314	0.128	6952	602.1	743.6					744

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/HUSKWA DOT APT 57-66

FEB
MONTH

PAGE 1 ALL

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
46/ 45					.0													3	3																
44/ 43					.1	.0												8	8																
42/ 41				.1	.2	.1												23	23																
40/ 39		.0	.1	.2	.1													29	29																
38/ 37		.0	.1	.3	.0													34	34	3	1														
36/ 35	.0	.1	.2	.4	.0													43	43	3	1														
34/ 33		.2	.4	.2														50	50	43	8														
32/ 31	.0	.2	.4	.1														48	48	62	12														
30/ 26	.0	.4	.4	.0														64	64	74	17														
28/ 27	.0	.6	.5															74	74	72	22														
26/ 25	.3	1.1	.4															114	114	108	63														
24/ 23	.3	1.1	.4															115	115	116	87														
22/ 21	.3	1.5	.1															129	129	123	123														
20/ 19	.8	1.5	.1															157	157	188	139														
18/ 17	1.2	1.5	.1															170	170	180	141														
16/ 15	1.1	1.5																177	177	186	187														
14/ 13	1.6	1.4																204	204	200	181														
12/ 11	2.4	1.2																239	239	253	201														
10/ 9	3.3	1.1																304	304	314	214														
8/ 7	2.5	.9																233	233	236	296														
6/ 5	3.7	.6																287	287	299	239														
4/ 3	5.0	.5																375	375	377	238														
2/ 1	4.7	.5																352	352	351	333														
0/ -1	4.4	.4																352	352	358	377														
-2/ -3	5.0	.4																363	363	361	301														
-4/ -5	5.3	.3																393	393	394	376														
-6/ -7	6.2	.2																432	432	438	346														
-8/ -9	5.0	.2																358	358	351	386														
-10/ -11	4.7	.1																324	324	333	395														
-12/ -13	3.6	.1																246	246	248	347														
-14/ -15	3.6	.0																242	242	244	297														
-16/ -17	2.9	.1																204	204	202	270														
-18/ -19	2.4	.0																164	164	163	221														
-20/ -21	1.7	.0																118	118	117	236														
Element (X)	Σ x'	Σ x	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
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 REVISION WITHOUT EDITING OF THIS FORM USE CAREFULLY

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DJT APT 57-66 PER MONTH ALL
STATION STATION NAME YEARS PAGE 2 HOURS . . . 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														
-22/-23	1.5	.1																106	111	106	189															
-24/-25	1.2	.0																85	87	86	143															
-26/-27	.8	.0																52	55	53	91															
-28/-29	.4																	29	30	29	81															
-30/-31	.4																	24	24	24	80															
-32/-33	.2																	13	13	13	44															
-34/-35	.1																	6	7	6	23															
-36/-37	.0																	1	8	1	20															
-38/-39																			5		9															
-40/-41																					4															
-42/-43																					1															
TOTAL	77.4	17.8	2.4	1.2	.5	.1													6744		6744															

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature				Total		
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	4388849	541254	80.3	8.043	6742							
Dry Bulb	1471070	6952	1.014	7.08	6768	351.1	653.1					672
Wet Bulb	1310195	4773	.713	9.21	6744	351.6	664.4					672
Dew Point	1417992	-24886	-3.714	10.24	6744	422.2	671.0					672

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/AC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DOT APT

57-66

MAR

YEARS

MONTH

PAGE 1

ALL

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
62/ 61									.0									2	2																
60/ 59										.0								1	1																
58/ 57									.0	.0								3	3																
56/ 55								.0	.0	.0								3	8																
54/ 53						.0		.1	.1	.0								16	16																
52/ 51					.1	.1		.1	.2	.0								27	27																
50/ 49					.1	.3		.2	.0	.0								42	42																
48/ 47				.0	.1	.2		.1										34	34																
46/ 45			.0	.0	.3	.4		.0										58	58	10															
44/ 43			.0	.1	.5	.5		.0										85	85	11															
42/ 41			.1	.3	.7	.1		.0										98	98	29															
40/ 39			.2	.5	.5	.1												93	93	55															
38/ 37		.1	.3	.8	.3	.0												116	116	75	6														
36/ 35	.0	.3	.6	.9	.1													141	141	144	9														
34/ 33		.4	1.0	.6	.0													148	148	186	32														
32/ 31	.0	.6	1.4	.3														183	183	195	42														
30/ 29	.2	1.0	1.5	.3														231	231	223	103														
28/ 27	.2	1.8	1.9	.1														266	266	264	140														
26/ 25	.4	2.1	1.1	.0														273	273	334	210														
24/ 23	.5	2.3	.6															261	261	317	288														
22/ 21	.6	2.7	.7															297	297	301	341														
20/ 19	1.1	3.2	.6															362	362	363	376														
18/ 17	1.3	2.5	.3															306	306	373	349														
16/ 15	1.5	2.9	.2															340	340	342	413														
14/ 13	1.4	2.4	.2															299	299	329	370														
12/ 11	1.6	2.3	.1															293	293	307	354														
10/ 9	2.6	1.9																335	335	372	285														
8/ 7	2.2	1.5																275	275	307	323														
6/ 5	3.3	1.4																345	345	351	378														
4/ 3	3.6	1.0																344	344	359	327														
2/ 1	4.1	.9																373	373	370	369														
0/ -1	4.0	.6																338	338	354	409														
-2/ -3	3.4	.4																286	286	290	358														
-4/ -5	3.0	.3																242	242	246	368														
Element (X)	Σ X'	Σ X	̄ 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

25218 FORT NELSON BC/MUSKWA DUT APT 57-66

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS 15.1

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													
-6/-7	2.4	.2																197	197	202	292														
-8/-9	2.4	.2																188	189	190	293														
-10/-11	2.0	.0																151	151	154	185														
-12/-13	.9	.0																71	71	70	214														
-14/-15	.9	.1																71	72	71	154														
-16/-17	.6	.1																50	50	50	95														
-18/-19	.7																	55	55	57	73														
-20/-21	.5																	40	40	40	53														
-22/-23	.3																	26	26	26	72														
-24/-25	.2																	17	17	17	48														
-26/-27	.2																	12	12	12	37														
-28/-29	.2																	14	14	14	12														
-30/-31	.1																	11	11	11	16														
-32/-33	.1																	6	6	6	13														
-34/-35	.0																	3	3	3	14														
-36/-37																			3			3													
-38/-39																						5													
-40/-41																						2													
TOTAL	46.8	33.1	10.7	4.0	2.7	1.8	.7	.2	.0									7433	7440	7433	7433														

Element (X)	Σx²	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	43016827	557249	75.0	12.917	7433							744
Dry Bulb	3142181	94961	12.8	16.108	7440	178.5	656.8					744
Wet Bulb	2484008	84006	11.3	14.370	7433	181.5	692.7					744
Dew Point	1630819	43183	5.8	13.626	7433	271.9	739.3					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
 ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT 57-66 APR
STATION STATION NAME YEARS MONTH

PAGE 1 ALL
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
74/ 74																																	1	1	
72/ 71																																	3	3	
70/ 69																																	9	9	
68/ 67																																	7	7	
66/ 65																																	15	15	
64/ 63																																	18	18	
62/ 61																																	31	31	
60/ 59																																	40	40	
58/ 57																																	67	67	
56/ 55																																	83	83	
54/ 53																																	133	133	4
52/ 51																																	187	187	13
50/ 49																																	242	242	14
48/ 47																																	335	335	61
46/ 45																																	325	325	85
44/ 43																																	359	359	152
42/ 41																																	389	389	267
40/ 39																																	406	406	450
38/ 37																																	472	472	632
36/ 35																																	529	529	715
34/ 33																																	505	505	735
32/ 31																																	508	508	753
30/ 29																																	462	462	651
28/ 27																																	434	434	524
26/ 25																																	327	327	514
24/ 23																																	281	281	340
22/ 21																																	200	210	293
20/ 19																																	147	217	572
18/ 17																																	118	150	461
16/ 15																																	129	135	291
14/ 13																																	11	114	132
12/ 11																																	90	90	101
10/ 9																																	56	56	84
8/ 7																																	42	42	132
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																																			

USAF ETAC FORM 64 JUL 64 0-26-5 (OL A) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON BC/MUSKWA DIST APT 57-66

APR

PAGE 2

MONTH

ALL

HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
6/ 5	.3	.2																35	35	37	110														
4/ 3	.4	.1																38	38	40	86														
2/ 1	.3	.0																21	21	23	58														
0/ -1	.2	.0																13	13	14	38														
-2/ -3	.1																	10	10	11	32														
-4/ -5	.1																	6	6	6	17														
-6/ -7	.0																	1	1	1	15														
-8/ -9	.0																	2	2	2	6														
-10/-11																					4														
-12/-13																					2														
TOTAL	9.9	29.3	21.1	12.3	10.0	8.7	5.2	2.8	.8	.3	.1	.0	.0		7200	7200	7200																		

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	32782533	466001	64.7	19.084	7200	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	9609332	248518	34.5	11.971	7200	3.2	304.4	2.0	.1			720
Wet Bulb	7040872	213678	30.0	8.977	7200	3.4	407.0					720
Dew Point	4107320	161860	22.5	8.068	7200	11.4	669.4					720

USAFETAC FORM 0-26-5 (O.L.A) JUL 64 REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

29210

FORT NELSON BC/MUSKWA DIST APT

57-66

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS

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															
88/87																																	1	1	
86/85																											.0	.0					2	2	
84/83																										.0	.0	.0					4	4	
82/81																										.1	.1	.0					10	10	
80/79																										.0	.0	.1	.0				20	20	
78/77																										.0	.2	.2	.0				43	43	
76/75																										.0	.3	.3	.1				55	55	
74/73																										.0	.1	.4	.3				58	58	
72/71																										.0	.1	.5	.4	.2			90	90	
70/69											.0	.1	.5	.4	.3	.1																109	109		
68/67									.0	.1	.1	.3	.5	.4	.3	.1																141	141		
66/65							.0	.1	.2	.6	.8	.8	.6	.2	.0																	182	182		
64/63					.0	.0	.3	.3	.8	.9	.8	.8	.0																			243	243		
62/61				.0	.2	.4	.9	1.2	1.1	.3	.0																					312	312		
60/59		.0		.2	.4	.9	1.2	1.1	.8	.1	.0																					280	280	11	
58/57		.1	.1	.9	.6	.9	1.0	1.2	.3	.0																						348	348	43	
56/55		.1	.2	.9	1.2	1.0	1.4	.8	.4																							416	416	144	
54/53		.1	.3	.7	1.0	1.1	1.1	.8	.4	.1																						379	379	262	
52/51	.0	.3	.4	1.2	1.2	1.2	.8	.5	.1																							424	424	322	
50/49	.1	.7	.7	1.5	1.4	1.3	.3	.2																								471	471	469	
48/47	.1	.9	1.2	1.9	1.1	.8	.2	.0																								434	434	620	
46/45	.2	1.1	1.4	1.9	.8	.4	.2																									390	390	719	
44/43	.2	1.6	1.5	1.6	.9	.3																										459	459	721	
42/41	.3	1.9	1.1	1.2	.8	.2																										413	413	743	
40/39	.4	2.2	1.6	.9	.3	.0																										419	419	671	
38/37	.6	2.2	1.1	.8	.3	.0																										378	378	607	
36/35	.8	2.4	1.2	.9	.2																											401	401	566	
34/33	1.3	1.7	1.0	.4	.1																											331	331	488	
32/31	.7	1.3	.8	.2	.1																											223	224	337	
30/29	.4	1.2	.8	.1	.0																											163	163	281	
28/27	.2	.7	.3	.1																												94	94	177	
26/25	.1	.5	.2																													58	58	104	
24/23	.1	.3	.1																													35	35	66	
22/21	.1	.2	.1																													22	22	48	
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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON BC/MUSKWA DUT APT 57-66

DAY
MONTH
ALL
HOURS U.S.T.

PAGE 2

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														
20/ 19	.1	.1	.1															12	12	16	228														
18/ 17	.0	.1																9	9	13	132														
16/ 15	.0	.0																2	2	5	105														
14/ 13																					58														
12/ 11	.0																	2	2	2	29														
10/ 9	.0																	2	2	2	17														
8/ 7	.0																	2	2	2	12														
6/ 5	.0																	1	1	1	10														
4/ 3																					1														
TOTAL	5.7	19.7	13.0	13.3	10.8	8.6	7.9	7.4	5.7	3.3	2.4	1.1	.4	.2	.1		7438	7439	7438	7438															

Element (X)	$\Sigma x'$	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 22 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	30770315	441667	59.423	328	7439							
Dry Bulb	18421437	359233	48.312	010	7439		62.6	53.3	19.3	2.1		744
Wet Bulb	12916434	304610	41.0	7.700	7438		105.4					744
Dew Point	8282491	240874	32.4	8.048	7438		356.8					744

USAFETAC FORM 0-20-5 (O.L.A.) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON RC/MUSKWA DOT APT

57-66

JUN
MONTH

PAGE 1

ALL
HOURS U.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																		1	1			
84/ 83															.1																		30	30			
82/ 81															.0																		28	28			
80/ 79															.1																		37	37			
78/ 77							.0	.0							.1																		96	96			
76/ 75							.0	.0							.1																		139	139			
74/ 73							.1	.1							.2																		226	226			
72/ 71					.0	.0	.0	.0							.1																		257	257			
70/ 69				.0	.1	.1	.1	.1							1.0	1.1																	326	326	1		
68/ 67		.1	.1	.1	.1	.1	.1	.1							1.0	1.0																	363	363	2		
66/ 65		.1	.1	.1	.1	.1	.1	.1	.1						1.2	1.2																	411	411	23	2	
64/ 63		.0	.1	.1	.1	.1	.1	.1	.1	.1					1.0	1.0																	393	393	28	7	
62/ 61		.1	.1	.1	.1	.1	.1	.1	.1	.1					.5	.4																	462	462	79	19	
60/ 59	.0	.4	1.0	1.1	1.4	1.2	.8	.7	.2	.0					.1																		490	490	287	21	
58/ 57	.1	.9	1.4	1.3	1.4	.9	.5	.4	.1																								506	506	543	62	
56/ 55	.1	2.0	1.9	1.9	1.2	.9	.5	.4	.2																								609	609	761	183	
54/ 53	.4	2.7	2.7	1.8	.9	.5	.2	.0																									619	619	966	330	
52/ 51	.5	2.6	2.1	1.2	.4	.3	.1																										541	541	952	575	
50/ 49	.5	2.4	2.0	1.0	.3	.2																											453	453	974	655	
48/ 47	.5	2.0	1.4	.7	.1																												343	343	744	721	
46/ 45	.5	2.0	1.3	.5	.1																												296	296	642	886	
44/ 43	.0	1.4	.7	.1																													199	199	484	751	
42/ 41	.4	1.3	.3	.1																													151	151	324	747	
40/ 39	.3	.9	.3	.0																													114	114	203	632	
38/ 37	.3	.5																															55	55	95	498	
36/ 35	.1	.2																															31	31	59	376	
34/ 33	.1	.0																															10	10	17	264	
32/ 31	.1	.0																															8	8	9	193	
30/ 29																																				1	127
28/ 27																																				80	
26/ 25																																				42	
24/ 23																																				18	
22/ 21																																				2	
20/ 19																																				2	
Element (X)	Σ x'	Σ x	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																										
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAO

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/BUKWA DET APT 57-66

JUN
MONTH

PAGE 2

ALL
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point																
18/17																																			
TOTAL	4.0	19.7	14.7	11.4	9.6	9.2	7.4	7.4	6.3	4.4	2.9	1.3	.6	.2	.0		7194	7194	7194	1															

Element	X1	Σx^2	Σx	σ_s	No. Obs.	Mean No. of Hours with Temperature						Total
						< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	
Rel. Hum.		32735665	458075	.722	272							
Dry Bulb		24792421	416508	.9	9.709			.8	150.4	55.7	7.9	720
Wet Bulb		18390275	361419	50.2	5.691			1.0	.3			720
Dew Point		14058382	314156	43.7	6.870			46.5				720

USAFETAC FORM 0-265 (01A) - REVISION 1-1-65. PRINTED BY THE AIR FORCE OPERATIONS CENTER

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT

57-66

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
92/ 91																										.0									2	2		
90/ 89																											.0								4	4		
88/ 87																										.1									18	18		
86/ 85																										.1									41	41		
84/ 83																										.1									80	80		
82/ 81													.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.1	.1	.1								115	115		
80/ 79												.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.1	.1	.1	.1								128	128		
78/ 77											.0	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.1	.1	.1	.1								184	184		
76/ 75							.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	.0								306	306		
74/ 73					.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	.0									360	360		
72/ 71					.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	.0										413	413		
70/ 69		.0	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	.0											465	465	10	
68/ 67			.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	.0												410	410	30	1
66/ 65		.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	.0														478	478	118	7
64/ 63		.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	.0																500	500	280	16
62/ 61	.1	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	.0																						558	558	497	95
60/ 59	.3	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	.0																						636	636	844	200
58/ 57	.6	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	.0																						657	657	1251	474
56/ 55	.8	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	.0																						677	677	1346	783
54/ 53	.7	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	.0																						475	475	1010	939
52/ 51	1.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	.0																						404	404	827	1055
50/ 49	.8	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	.0																						267	267	638	1094
48/ 47	.5	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	.0																						150	150	322	832
46/ 45	.2	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	.0																						56	56	134	696
44/ 43	.1	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	.0																						39	39	69	457
42/ 41	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	.0																						11	11	35	359
40/ 39	.0	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	.0																						5	5	7	218
38/ 37	.0												.0																						1	1	2	108
36/ 35													.0																									53
34/ 33													.0																									31
32/ 31													.0																									10
30/ 29													.0																									7
28/ 27													.0																									3
26/ 25													.0																									1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																											
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT 57-66

JUL
MONTH

YEARS

PAGE 2 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														
20 / 19	3.2	2.1	1.8	1.3	1.0	0.7	0.9	0.9	0.8	0.2	7.1	6.6	6.1	4.9	3.2	1.5	.5	.3	.1	.0	7440	7440	7440	1											
TOTAL																		7440	7440	7440															

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$< 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	36757392	497548	66.92	21.64	7440							
Dry Bulb	29958428	467230	62.8	9.104	7440			252.6	129.8	31.5		744
Wet Bulb	22569675	411003	55.2	4.708	7440			4.0				744
Dew Point	18726677	370937	49.9	3.594	7440		2.2	.1				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

25218 FORT NELSON BC/HUSKWA OUT APT

57-66

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS G. 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													
88/ 87													.0	.0				3	3																
86/ 85										.0	.0	.1	.1	.0				19	19																
84/ 83									.0	.1	.2	.2	.0					39	39																
82/ 81								.0	.0	.1	.1	.0						42	42																
80/ 79								.0	.1	.3	.4	.6	.1					107	107																
78/ 77						.1		.1	.3	.5	.8	.4	.1					155	155																
76/ 75				.0		.1		.2	.6	.7	.6	.1						172	172																
74/ 73						.1	.4	.3	.8	.7	.3	.2	.0					208	208																
72/ 71			.0	.0		.2	.6	.9	.6	.3	.2	.2	.0					261	261																
70/ 69				.2	.4	.7	.9	.6	.5	.3	.2	.2						288	288	3	1														
68/ 67			.1	.4	.8	1.1	1.1	.6	.4	.2	.0							326	326	20															
66/ 65		.0	.4	1.0	1.1	1.3	1.1	.7	.4	.2								404	404	57	1														
64/ 63		.2	1.0	1.1	1.1	1.3	1.1	.8	.5	.1	.0							414	414	199	14														
62/ 61	.0	.6	1.0	1.6	1.0	.9	.6	.2	.0									456	456	376	46														
60/ 59	.1	1.6	2.0	1.6	1.0	.8	.2	.1	.0									550	550	636	155														
58/ 57	.2	2.1	2.1	1.3	.9	.5	.1	.0										545	545	759	352														
56/ 55	.5	3.5	2.2	1.5	.8	.2	.0											631	631	843	548														
54/ 53	.7	3.7	1.9	.7	.4	.1	.0											565	565	926	707														
52/ 51	.9	4.6	1.7	.4	.2	.0												581	581	931	887														
50/ 49	1.0	4.2	1.2	.5	.1	.0												512	512	845	989														
48/ 47	1.0	3.5	.8	.2														411	411	658	923														
46/ 45	1.0	2.6	.4	.1														302	302	493	865														
44/ 43	.9	1.4	.4															199	199	319	658														
42/ 41	.8	1.0	.1															118	118	183	464														
40/ 39	.5	.5																78	78	121	360														
38/ 37	.4	.1																27	27	45	227														
36/ 35	.0	.1																9	9	9	92														
34/ 33	.1	.1																11	11	10	76														
32/ 31	.1	.0																5	5	9	48														
30/ 29	.0																	1	1	1	18														
28/ 27																					5														
26/ 25																					2														
24/ 23																					1														

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

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 STATION FORT NELSON BC/MUSKWA DUT APT STATION NAME 57-66 YEARS AUG MONTH

PAGE 2 4LL 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
TOTAL	7.8	20.0	15.4	10.5	8.0	7.7	5.8	5.4	3.8	3.1	2.1	.6	.1	.0			7439	7439	7439	7439

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

Element (X)	Σ x'	Σ x	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	- 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	42103512	538012	72.3	20.734	7440							
Dry Bulb	26189948	435228	58.5	9.884	7439		.6	162.0	74.5	14.7		744
Wet Bulb	20813726	390998	52.6	5.965	7439		1.0	2.3				744
Dew Point	17915152	358156	48.1	6.041	7439		7.4	.1				744

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAL

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA OUT APT

57-66

SEP

PAGE 1

ALL

MONTH

YEARS

STATION NAME

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	DB. W.B.	Dry Bulb	Wet Bulb	Dew Point													
80/ 79									.0	.0	.0		.0						4	5															
78/ 77									.0	.1	.1								15	15															
76/ 75									.1	.1	.1	.0							22	22															
74/ 73								.0	.1	.2	.1	.1	.0						34	34															
72/ 71							.0	.1	.1	.2	.1	.0							35	35															
70/ 69					.1		.2	.2	.2	.2	.1								64	64															
68/ 67				.0	.0		.1	.4	.3	.2	.1	.0							76	76															
66/ 65			.0	.1	.2	.4	.3	.3	.3	.0									114	114															
64/ 63			.1	.1	.3	.3	.5	.4	.1	.1	.0								133	133	2														
62/ 61		.0	.2	.3	.5	.7	.6	.5	.3	.0									236	236	30														
60/ 59		.0	.3	.4	.6	.7	.5	.5	.1										231	231	51	1													
58/ 57		.2	.4	.5	.7	.8	.8	.4	.1										284	284	107	14													
56/ 55	.1	.5	.5	.8	.9	.9	.7	.1											318	318	201	47													
54/ 53	.1	.8	.8	.9	1.1	.8	.2												335	335	236	88													
52/ 51	.3	1.4	1.4	1.5	1.0	.6	.2	.0											446	446	343	162													
50/ 49	.4	1.9	1.8	1.2	.6	.3	.2												463	463	503	243													
48/ 47	.7	3.4	2.1	1.1	.5	.2	.0												579	579	658	372													
46/ 45	.9	3.8	2.3	.7	.3	.1	.0												564	564	789	502													
44/ 43	1.6	4.3	1.6	.5	.2	.0													599	599	838	631													
42/ 41	1.7	5.0	1.2	.3	.1														596	596	751	804													
40/ 39	2.0	4.7	1.1	.2	.1														580	580	737	938													
38/ 37	1.8	3.7	.7	.2															463	463	612	898													
36/ 35	1.4	2.8	.4	.0															334	334	452	679													
34/ 33	1.3	1.9	.3	.0															258	258	333	600													
32/ 31	1.4	1.3	.2																205	206	259	487													
30/ 29	.6	1.0	.1																118	119	151	291													
28/ 27	.3	.3	.0																45	45	77	200													
26/ 25	.2	.1																	21	21	41	121													
24/ 23	.2	.1																	18	18	17	81													
22/ 21	.1	.0																	7	7	10	69													
20/ 19																						27													
18/ 17																						3													
TOTAL	14.9	37.6	15.0	8.9	7.0	6.1	4.9	3.1	1.6	.6	.3	.0	.0						7198	7200	7198	7198													
Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	45292512	553080	76.8	19.565	7198	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	16465988	336882	46.8	9.886	7200		41.6	25.1	7.6	.1		720																							
Wet Bulb	13532536	307982	42.8	7.022	7198		55.5					720																							
Dew Point	11148564	278978	38.8	6.833	7198		127.9					720																							

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DHT APT

57-66

OCT

STATION

STATION NAME

YEARS

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																	
70/ 69																																		1	1			
68/ 67																																			8	8		
66/ 66																																			20	20		
64/ 63																																			14	14		
62/ 61																																			42	42		
60/ 59																																			48	48		
58/ 57																																			56	56		
56/ 55																																			87	87		6
54/ 53																																			107	107	13	
52/ 51																																			141	141	37	2
50/ 49																																			167	167	72	10
48/ 47																																			192	192	99	14
46/ 45																																			221	221	133	33
44/ 43																																			208	208	205	64
42/ 41																																			297	297	294	90
40/ 39																																			342	342	380	191
38/ 37																																			387	387	447	285
36/ 35																																			489	489	481	375
34/ 33																																			618	618	604	465
32/ 31																																			695	695	783	663
30/ 29																																			761	762	801	686
28/ 27																																			569	569	803	864
26/ 25																																			384	385	514	791
24/ 23																																			331	331	369	369
22/ 21																																			299	299	332	556
20/ 19																																			227	227	290	472
18/ 17																																			212	212	225	364
16/ 15																																			117	118	130	305
14/ 13																																			112	112	114	169
12/ 11																																			87	87	89	129
10/ 9																																			60	60	62	97
8/ 7																																			44	44	44	83
6/ 5																																			26	26	27	50
4/ 3																																			22	22	22	34
Element (X)	Σ x ²		Σ x		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total																					
Rel. Hum.											≤ 0 F		- 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F																	
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

25218 FORT NELSON BC/MUSKWA DUT APT

57-66

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS 11.5. 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
2/ -1	.1																	8	8	8	22
0/ -1	.1																	10	10	10	14
-2/ -3	.2	.0																13	13	12	7
-4/ -5	.1																	11	11	12	10
-5/ -7	.0																	1	1	1	11
-8/ -9	.0																	3	3	3	8
-10/-11																					4
TOTAL	26.9	40.1	14.2	7.0	4.5	3.6	2.0	1.0	.4	.2									7440		7437
																			7437		7437

Element (X)	Σ x'	Σ x	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	48489095	588119	79.116	727	7437							
Dry Bulb	8810659	241713	32.511	347	7440	3.8	399.5	.9				744
Wet Bulb	7290339	222733	29.9	9.130	7437	3.8	465.3					744
Dew Point	5514353	192547	25.9	8.468	7437	5.4	591.0					744

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

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT

57-66

NOV

STATION

STATION NAME

YEARS

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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														
58/57							.0											1	1																
54/53								.0										1	1																
52/51							.0											2	2																
50/49						.0	.0	.0										3	3																
48/47						.0	.0	.0										7	7																
46/45			.1	.0	.0	.0	.0											13	13	1															
44/43			.1	.1	.0	.1	.0											16	16																
42/41			.1	.1	.2	.0												30	30	7															
40/39		.1	.1	.1	.2													30	30	8															
38/37		.2	.1	.2	.1													40	40	28	1														
36/35		.3	.4	.2														68	68	46	8														
34/33	.0	.7	.4	.0														84	84	62	32														
32/31	.3	.8	.3															98	98	142	57														
30/29	.3	.7	.3															89	89	114	88														
28/27	.4	1.1	.2															122	122	110	78														
26/25	.8	1.6	.1															182	182	176	134														
24/23	1.1	2.2	.1															240	240	234	162														
22/21	1.6	2.6	.1															303	303	293	217														
20/19	3.1	2.0	.1															367	367	399	268														
18/17	3.6	1.5																367	367	386	383														
16/15	3.8	1.2																358	358	367	431														
14/13	3.4	1.0																319	319	340	363														
12/11	3.6	.6																304	304	306	316														
10/9	5.1	.5																397	397	405	312														
8/7	5.4	.4																411	411	413	384														
6/5	4.8	.3																371	371	374	413														
4/3	4.3	.3																326	326	328	337														
2/1	4.5	.1																326	326	330	333														
0/-1	3.9	.1																283	283	283	339														
-2/-3	4.3	.1																312	312	312	248														
-4/-5	4.0	.1																295	295	296	352														
-6/-7	3.5	.1																262	262	261	281														
-8/-9	2.9	.0																210	210	213	266														
-10/-11	2.5	.1																186	186	184	230														
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

25218 FORT NELSON BC/MUSKWA DUT APT

57-66

NOV

STATION STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-12/-13	1.8	.1																132	132	135	201														
-14/-15	1.4	.0																106	106	104	169														
-16/-17	1.2	.0																91	91	91	131														
-18/-19	.9	.0																65	65	65	91														
-20/-21	1.0																	74	74	76	100														
-22/-23	.9																	63	63	63	75														
-24/-25	.9																	62	62	62	70														
-26/-27	.7	.0																49	49	48	52														
-28/-29	.4																	44	44	45	52														
-30/-31	.3																	23	23	23	68														
-32/-33	.3																	24	24	24	44														
-34/-35	.2																	15	15	15	30														
-36/-37																			16		30														
-38/-39																			11		14														
-40/-41																			2		9														
-42/-43																					1														
-44/-45																					1														
TOTAL	77.3	18.9	2.2	.7	.5	.3	.1	.0											7200		7171	7171													

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	31600992	605532	84.4	8.086	7171	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2016453	50843	7.1	15.173	7200	232.5	690.5					720
Wet Bulb	1812878	48960	6.8	14.360	7171	230.9	704.7					720
Dew Point	1638323	24059	3.4	14.740	7171	286.6	715.9					720

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON EC/MUSKWA DUT APT

57-66

DEC

STATION

STATION NAME

YEARS

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PAGE 1

ALL

HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
42/ 41				.1														4	4																
40/ 39				.0														9	9																
38/ 37				.1														15	15	1															
36/ 35			.0	.1	.0	.0												10	10	11															
34/ 33			.0	.1	.0													8	8	9	1														
32/ 31			.1	.1														14	14	13	3														
30/ 29	.0	.1																16	10	22	13														
28/ 27	.0	.2	.1															17	17	12	17														
26/ 25	.2	.4	.0															48	48	39	21														
24/ 23	.3	.4	.0															65	65	71	49														
22/ 21	.3	.4	.0															68	68	73	62														
20/ 19	.6	.4	.0															75	75	73	57														
18/ 17	.7	.5																90	90	88	69														
16/ 15	1.6	.5																148	148	152	84														
14/ 13	1.9	.5																181	181	176	129														
12/ 11	2.8	.6																251	251	251	158														
10/ 9	4.0	.4																320	320	327	192														
8/ 7	4.7	.2																357	357	363	300														
6/ 5	5.2	.2																397	397	400	336														
4/ 3	5.0	.2																382	382	379	317														
2/ 1	4.9	.2																376	376	373	414														
0/ -1	5.3	.1																411	412	415	380														
-2/ -3	5.6	.2																413	418	422	280														
-4/ -5	6.3	.2																474	476	470	414														
-6/ -7	5.1	.1																380	382	379	403														
-8/ -9	4.8	.2																364	368	368	435														
-10/ -11	4.3	.1																333	338	335	330														
-12/ -13	3.9	.1																289	289	289	342														
-14/ -15	3.4	.1																252	252	252	306														
-16/ -17	3.7	.0																209	269	271	277														
-18/ -19	2.9	.0																214	214	215	268														
-20/ -21	2.7	.0																201	201	202	240														
-22/ -23	2.1	.1																155	156	151	245														
-24/ -25	2.3																	165	165	169	203														
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

25210 FORT NELSON BC/MUSKWA DUT APT 57-66 DEC
 STATION NAME YEARS MONTH
 PAGE 2 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	1.0	.0																133	133	132	156														
-28/-29	1.6																	113	113	114	143														
-30/-31	1.6	.0																117	117	117	165														
-32/-33	1.3																	94	95	94	146														
-34/-35	.8																	60	73	60	106														
-36/-37																			52		107														
-38/-39																			40		51														
-40/-41																			22		29														
-42/-43																			10		13														
-44/-45																					7														
-46/-47																					1														
TOTAL	2.5	6.7	.0	.0	.0													7289	7440	7289	7289														

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Rel. Hum.	50106904	602408	82.6	6.628	7289							
Dry Bulb	1781170	-32906	-4.4	14.368	7440	439.5	739.4					744
Wet Bulb	1433552	-28350	-3.9	13.576	7289	454.7	741.9					744
Dew Point	1746133	-56849	-7.8	14.360	7289	313.2	743.9					744

USAFETAC FORM 0-26.5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON BC/MUSKWA DUT APT 57-66

JAN

STATION STATION NAME

YEARS

MONTH

PAGE 1 0000-0200

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point	
36/35		.1	.4																				
34/33																							
32/31																							
30/29																							
26/25			.2															2	2		2	1	
24/23		.1	.6															6	6		4	1	
22/21		.3	.7															9	9		10	1	
20/19	1.5																	13	13		16	9	
18/17	.9	.3																7	7		5	15	
16/15	.7																	6	6		8	8	
14/13	1.0																	9	9		9	5	
12/11	.9	.3																11	11		11	11	
10/9	1.4	.1																13	13		13	6	
8/7	2.8	.2																26	26		25	19	
6/5	2.7	.2																25	25		23	15	
4/3	2.0																	17	17		18	19	
2/1	5.2																	45	45		45	25	
0/-1	5.2																	45	45		45	23	
-2/-3	5.5	.1																48	48		47	42	
-4/-5	2.4																	21	21		22	46	
-6/-7	5.0																	43	43		43	46	
-8/-9	7.5																	64	64		64	19	
-10/-11	8.7	.1																76	76		76	46	
-12/-13	6.3	.2																56	56		56	58	
-14/-15	6.6	.3																60	60		58	58	
-16/-17	3.7																	32	32		34	67	
-18/-19	2.8																	24	24		24	45	
-20/-21	2.4	.1																22	22		22	45	
-22/-23	3.1																	27	27		27	27	
-24/-25	4.3																	37	37		37	18	
-26/-27	3.0																	26	26		26	19	
-28/-29	3.4																	29	29		29	24	
-30/-31	2.8																	24	30		24	37	
-32/-33	2.1																	18	20		18	38	
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA OUT APT 57-66

JAN

PAGE 2 0000-0200

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/-35	1.6																	14	19	14	18														
-36/-37																			16			20													
-38/-39																			13			19													
-40/-41																			9			6													
-42/-43																			12																
-44/-45																			5																
-46/-47																			2																
-48/-49																			2																
TOTAL	5.9	3.4	.4															858	930	858	858														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total
Rel. Hum.	5766200	70070	81.8	6.587	857							93
Dry Bulb	335182	-10654	-11.9	13.147	930	73.8	92.7					93
Wet Bulb	224539	-7911	-9.2	13.300	858	72.2	92.8					93
Dew Point	320893	-11433	-13.3	14.024	858	78.3	93.0					93

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

AD-A100 241

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FT NELSON, MUSKWA APT, BRITISH COLUMBIA, CANADA. REVISED UNIFORM--ETC
JAN 72

UNCLASSIFIED

USAFETAC/DS-81/036

SBIE-AD-E850 068

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4 of 5

80
80000

A large grid of 10 columns and 10 rows, representing a microfilm frame. The grid is mostly filled with black, indicating that the original content has been obscured or is otherwise illegible. The grid lines are thin and white, creating a clear structure for the data.

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT

57-66

JAN
MONTH

PAGE 1 0300-0500

HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
36/ 35	.0																	2	2	2	1														
34/ 33	.1																	1	1	1	2														
24/ 23	.4	.6																5	5	5															
22/ 21	.5	.1	.1															6	6	9	3														
20/ 19	1.0	.5																12	12	11	7														
18/ 17	.4	.1																4	4	6	10														
16/ 15	1.2																	10	10	11	7														
14/ 13	1.0																	8	8	8	10														
12/ 11	1.9	.2																14	14	18	6														
10/ 9	2.2	.1																19	19	19	12														
8/ 7	2.5	.1																22	22	22	23														
6/ 5	1.6																	13	13	13	17														
4/ 3	2.8	.1																26	26	19	13														
2/ 1	4.4	.1																38	38	39	17														
0/ -1	4.9	.1																42	42	41	28														
-2/ -3	4.1	.1																39	35	35	29														
-4/ -5	5.0	.1																43	43	44	45														
-6/ -7	4.8	.5																40	40	38	35														
-8/ -9	6.4	.2																55	56	56	38														
-10/-11	7.2																	60	62	61	36														
-12/-13	7.4	.1																63	64	63	38														
-14/-15	8.0																	67	67	67	57														
-16/-17	4.6																	38	38	38	49														
-18/-19	4.1																	34	34	34	62														
-20/-21	2.8																	19	19	19	52														
-22/-23	3.4																	24	24	24	40														
-24/-25	3.2	.1																28	30	28	15														
-26/-27	3.7	.1																32	32	31	28														
-28/-29	2.6																	22	23	23	12														
-30/-31	2.9																	24	27	24	33														
-32/-33	1.4																	12	14	12	26														
-34/-35	1.2																	10	14	10	26														
-36/-37	.1																	1	26	1	22														
-38/-39																			19		8														
Element (X)	Σ X'	Σ X	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

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DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT 57-66

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2 0300-0900

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-40/-41																				8		5													
-42/-43																				10		2													
-44/-45																				7															
-46/-47																				2															
-48/-49																				3															
TOTAL	26.4	3.5	.1																930		834														
																	834		834																

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Rel. Hum.	5614661	68187	81.9	6.304	833							93
Dry Bulb	350210	-11178	-12.015	2.43	930	74.9	92.7					93
Wet Bulb	212201	-7643	-9.213	0.64	834	72.8	92.7					93
Dew Point	305282	-11040	-13.213	0.822	834	78.7	92.7					93

USAFETAC FORM 0-26-5 (CL 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

25218 FORT NELSON BC/MUSKWA DUT APT 57-66

JAN

PAGE 2 0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
-36/-37																			25		21													
-38/-39																			27		7													
-40/-41																			8		7													
-42/-43																			11		2													
-44/-45																			10															
-46/-47																			6															
-50/-51																			3															
TOTAL	16.9	2.9			.2														930		828													
																			828		828													

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	5535054	67478	81.5	6.59	828							93
Dry Bulb	363996	-11394	-12.3	15.53	930	74.8	92.7					93
Wet Bulb	204025	-7431	-9.0	12.88	328	72.7	92.9					93
Dew Point	298540	-10890	-13.2	13.70	828	78.1	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

25218 FORT NELSON BC/MUSKWA DJT APT

57-66

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100

HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
36/35			.1															1	1																
34/33			.1															2	2																
32/31																					1														
30/29																					2														
28/27		.4																3	3		1														
26/25	.1																	1	1	4	1														
24/23	.3	.2																6	6	6	3														
22/21	.6																	5	5	5	6														
20/19		.1																1	1		5														
18/17	.2	.4																5	5	4															
16/15	.7	.2																8	8	8	4														
14/13	1.8	.8																22	22	22	6														
12/11	1.8	.7																21	21	21	14														
10/9	1.8																	15	15	17	10														
8/7	2.3	.4																23	23	23	23														
6/5	2.8	.4																27	27	25	19														
4/3	4.0	.2																36	36	37	18														
2/1	3.4	.2																31	31	30	33														
0/-1	5.3	.3																49	49	48	35														
-2/-3	4.4																	38	38	41	27														
-4/-5	5.1	.4																47	47	45	34														
-6/-7	5.0	.6																48	48	47	36														
-8/-9	5.6																	48	48	51	43														
-10/-11	6.0	.2																53	53	52	41														
-12/-13	7.7																	66	66	67	40														
-14/-15	4.9	.3																46	46	45	53														
-16/-17	4.1	.1																36	36	37	68														
-18/-19	3.7	.1																33	33	32	37														
-20/-21	4.4																	38	38	39	39														
-22/-23	2.8	.1																25	25	25	27														
-24/-25	3.3																	30	30	30	41														
-26/-27	2.3	.1																21	21	21	29														
-28/-29	2.3	.1																22	24	22	17														
-30/-31	2.0	.1																18	19	18	30														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT 57-66

JAN
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																			
-32/-33	2.1																																	18	19	18	25		
-34/-35	1.9																																	13	24	13	17		
-36/-37																																				12		21	
-38/-39																																				18		15	
-40/-41																																					7		12
-42/-43																																				10		4	
-44/-45																																					5		
-46/-47																																					2		
-48/-49																																					3		
-50/-51																																					2		
TOTAL	92.9	6.8	.4																																	856	930	856	856

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$- 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	5507472	68354	79.9	7.587	856							
Dry Bulb	323445	-10179	-10.9	15.179	930	72.3	92.7					93
Wet Bulb	209016	-7334	-8.6	13.060	856	70.7	93.0					93
Dew Point	315601	-11239	-13.1	14.019	856	77.2	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

2521P FORT NELSON BC/MUSKWA DQT APT 57-66

JAN

PAGE 2 1200-1400

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														
-32/-33	1.1																	10	13	10	14														
-34/-35	.4																	4	7	4	20														
-36/-37																			7		12														
-38/-39																			2		15														
-40/-41																			2		7														
-42/-43																					3														
-44/-45																				3															
TOTAL	6.4	13.1	.4															906	930	906	906														

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5598546	70828	78.3	7.824	905	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	222360	-5786	-6.2	14.164	930	63.7	92.5					93
Wet Bulb	188840	-5080	-5.6	13.311	906	63.1	92.7					93
Dew Point	286087	-9527	-10.5	14.333	906	71.4	93.0					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FURY NELSON BC/MUSKWA DHT APT
STATION NAME

57-66
YEARS

JAN
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														
38/ 37				.2														2	2																
34/ 33	.1	.2																3	3	2															
32/ 31			.2	.1														3	3		2														
30/ 29		.2																2	2		1														
28/ 27	.1																	1	1	6	2														
26/ 25	.3	.4																7	7	4	2														
24/ 23		.1																1	1	3	5														
22/ 21	.3	.6	.1															9	9	6	1														
20/ 19	.4	1.7																19	19	15	6														
18/ 17	.9	.6																13	13	17	8														
16/ 15	1.4	.8																20	20	19	16														
14/ 13	1.2	1.0																20	20	21	23														
12/ 11	1.5	.6																19	19	20	11														
10/ 9	3.0	.8																34	34	32	19														
8/ 7	2.5	1.2																34	34	33	24														
6/ 5	3.5	.2																34	34	39	30														
4/ 3	3.1	.3																31	31	30	33														
2/ 1	4.0	.4																40	40	39	39														
0/ -1	5.4	.3																52	52	54	40														
-2/ -3	4.4	.2																46	46	47	29														
-4/ -5	4.2	.2																40	40	39	53														
-6/ -7	6.1	.3																58	58	57	41														
-8/ -9	7.0	.4																68	68	68	38														
-10/ -11	5.4																	51	51	53	49														
-12/ -13	6.1	.4																59	59	59	59														
-14/ -15	4.7	.8																50	50	48	46														
-16/ -17	2.7	.1																27	27	28	55														
-18/ -19	2.0	.1																19	20	19	43														
-20/ -21	3.0	.1																28	29	29	44														
-22/ -23	2.3																	21	23	21	23														
-24/ -25	2.4																	22	24	22	25														
-26/ -27	2.2	.1																21	22	20	22														
-28/ -29	3.1																	28	29	29	18														
-30/ -31	1.7	.1																16	16	16	30														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	> 67 F	> 73 F	> 80 F	> 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26.5 (O.L.A.) 10/64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT 57-66

JAN

PAGE 2 1500-1700

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
-32/-33	.4																8	8	8	16
-34/-35	.3																3	4	3	24
-36/-37																		4		18
-38/-39																		1		9
-40/-41																		3		4
-42/-43																		2		1
-44/-45																		2		
TOTAL	7.0	12.4	.3	.3													909	930	909	909

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	< 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5762481	72041	79.3	7.641	909							93
Dry Bulb	221626	-5488	-5.9	14.272	930	63.8	92.3					93
Wet Bulb	193181	-4929	-5.4	13.540	909	63.4	92.8					93
Dew Point	282011	-9183	-10.1	14.437	909	70.3	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

252 (A) FORT NELSON BC/MUSKWA DET APT

57-66

JAN
MONTH

PAGE 1 1800-2000

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	
32/ 31				.1	.1																													2	2		
30/ 29				.3																														3	3		
28/ 27			.1	.1																														2	2	7	
26/ 25		.3	.3	.1																														8	8	9	
24/ 23	.1	.1																																2	2	4	5
22/ 21	.3	.3																																8	8	7	3
20/ 19	.6	.5																																9	9	10	5
18/ 17	.7	.5																																10	10	10	10
16/ 15	1.1	.3																																13	13	13	14
14/ 13	1.2	.3																																19	19	14	11
12/ 11	1.7	.7																																21	21	22	14
10/ 9	2.3	.4																																24	24	24	15
8/ 7	3.4	.2																																32	32	34	23
6/ 5	3.1	.1																																30	30	29	23
4/ 3	2.4	.1																																22	22	23	34
2/ 1	4.2																																	37	37	37	31
0/ -1	5.2	.1																																47	47	46	26
-2/ -3	4.1																																	36	37	37	34
-4/ -5	3.9	.1																																36	36	35	40
-6/ -7	3.7	.2																																53	53	53	36
-8/ -9	7.3	.2																																67	67	68	43
-10/ -11	6.4																																	60	60	60	41
-12/ -13	7.9	.3																																73	73	73	65
-14/ -15	3.4	.3																																33	33	33	43
-16/ -17	3.2																																	28	28	28	55
-18/ -19	3.2																																	28	28	28	56
-20/ -21	3.2																																	28	28	28	29
-22/ -23	2.4																																	25	25	25	30
-24/ -25	3.5	.1																																32	35	32	28
-26/ -27	2.7	.1																																25	27	24	26
-28/ -29	3.3	.1																																30	34	30	24
-30/ -31	2.7																																	24	24	25	28
-32/ -33	1.7																																	15	17	19	29
-34/ -35	1.1																																	10	12	10	28
Element (X)	Σ X	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0-20-5 (O.L.A.) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25219 FORT INFUSION BC/MUSKWA DUT APT 57-66 JAN 1900-2000
STATION NAME YEARS MONTH HOURS - U.S.T.

PAGE 2 1800-2000
HOURS - U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point	
-36/-37																																		5	17
-38/-39																																		9	14
-40/-41																																	5	6	
-42/-43																																	9		
TOTAL	73.0	6.2	.7	.1																												930	888		
																																888	888		

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel Hum.	5879871	71997	81.1	6.924	888							93
Dry Bulb	276850	-8306	-8.9	14.770	930	69.2	93.0					93
Wet Bulb	219223	-6901	-7.8	13.663	888	68.1	93.0					93
Dew Point	310142	-10664	-12.0	14.327	888	73.3	93.0					93

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

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DATA PROCESSING DIVISION
 USAF ETAC
 AIR SEAT ER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25214 FORT NELSON BC/MUSKWA DUT APT

57-66

14

PAGE 1 2100-7300

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
36/35					.1													1	1																
32/31																				1															
28/27	.1	.1	.2															4	4	1															
26/25	.1	.1																2	2	4	1														
24/23	.1	.2	.1															4	4	7	2														
22/21	.3	.1																4	4	6	3														
20/19	1.0	.2																11	11	11	5														
18/17	.7	.6																11	11	11	9														
16/15	.7	.3																9	9	8	10														
14/13	.9	.2																10	10	10	10														
12/11	1.9	.1																14	14	15	7														
10/9	1.9	.3																20	20	18	11														
8/7	3.6	.2																33	33	36	20														
6/5	2.7																	24	24	24	18														
4/3	3.6																	31	31	31	32														
2/1	4.2	.3																40	40	38	36														
0/-1	5.0																	44	44	46	34														
-2/-3	3.8																	33	33	33	23														
-4/-5	2.9																	25	25	25	46														
-6/-7	5.3	.3																49	49	47	33														
-8/-9	7.8	.3																71	72	73	25														
-10/-11	8.2	.1																73	73	73	44														
-12/-13	6.4																	56	57	56	63														
-14/-15	4.9	.3																42	42	39	66														
-16/-17	4.6	.1																41	41	43	49														
-18/-19	2.7	.2																26	26	26	44														
-20/-21	3.2	.1																29	30	30	45														
-22/-23	2.6																	23	23	23	23														
-24/-25	4.0																	35	36	35	28														
-26/-27	4.1	.1																37	39	36	36														
-28/-29	2.5																	22	22	23	18														
-30/-31	2.3																	20	23	20	40														
-32/-33	2.2																	19	21	19	31														
-34/-35	1.1																	10	14	10	26														

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 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25214 FORT NELSON BC/MUSKWA DUT APT 57-66

JAN

PAGE 2 2100-2300

Temp. F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
-36/-37																																			13	21	
-38/-39																																			3	9	
-40/-41																																		14	5		
-42/-43																																		8			
-44/-45																																		2			
TOTAL	24.8	4.7	.3	.1																														873	930	873	873
Element (X)		Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.	5729901	71075	81.4	7.051	873	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	299204	-9636	-10.4	14.649	930	71.2	92.9					93																									
Wet Bulb	219479	-7619	-8.7	13.245	873	70.0	93.0					93																									
Dew Point	31627	-11289	-12.9	13.907	873	75.5	93.0					93																									

USAFETAC FORM 0-26.5 (O.L.A.) REVISION PREVIOUS EDITIONS AT THIS PLACE ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA UNIT APT 57-66 FEP
STATION STATION NAME YEARS MONTH
PAGE 1 0000-0200
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
44/43										.2																						2	2				
42/41																																	4	4			
40/39																																	4	4			
38/37																																	3	3			
36/35	.1																																6	6	6		
34/33		.4																															4	4	8	2	
32/31																																		6	6	6	1
30/29					.1																												1	1	2	3	
28/27			.2		.3																												6	6	2	3	
26/25	.2		.7		.2																												10	10	8	3	
24/23	.3	1.1																															13	13	13	9	
22/21	.4	1.4																															15	15	17	11	
20/19	.9	1.9																															21	21	20	15	
18/17	1.7	.7																															20	20	21	17	
16/15	.7	.6																															11	11	13	24	
14/13	1.7	.6																															19	19	22	22	
12/11	2.3	.4																															24	24	24	12	
10/9	4.2																																35	35	36	22	
8/7	1.9	.7																															22	22	19	39	
6/5	3.7	.1																															32	32	33	18	
4/3	5.0	.4																															45	45	44	23	
2/1	5.2	.1																															45	45	45	42	
0/-1	4.7																																40	40	41	46	
-2/-3	4.6	.1																															40	40	40	28	
-4/-5	6.8	.1																															58	58	57	53	
-6/-7	6.4																																54	54	55	40	
-8/-9	6.9	.2																															60	60	59	51	
-10/-11	5.8	.1																															50	50	51	47	
-12/-13	3.7	.1																															32	32	31	57	
-14/-15	3.9	.1																															34	34	35	43	
-16/-17	3.3	.1																															29	29	28	24	
-18/-19	3.2																																27	27	28	35	
-20/-21	2.1																																18	18	18	35	
-22/-23	2.3	.1																															22	24	21	33	
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 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

25210 FORT NELSON BC/MUSKWA DUT APT 57-66

FEB

PAGE 2 0000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-24/-25	1.7																	14	14	15	22														
-26/-27	1.1																	9	9	9	13														
-28/-29	.5																	4	4	4	12														
-30/-31	.8																	7	7	7	16														
-32/-33	.1																	1	1	1	8														
-34/-35	.1																	1	2	1	2														
-36/-37	.1																	1	1	1	7														
-42/-43																					1														
TOTAL	7.0	10.0	1.2	1.3	.4	.2												843	846	843	843														

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	5765831	69391	82.4	7.489	842							
Dry Bulb	179777	-1275	-1.5	14.508	846	50.0	81.7					84
Wet Bulb	165074	-1432	-1.7	13.898	843	50.0	82.6					84
Dew Point	195432	-4752	-5.6	14.152	843	57.3	83.8					84

USAFETAC FORM 0-26-5 (O.L.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

25210 FT NELSON BC/HUSKWA DUT APT

57-66

FEB

PAGE 1 0300-0500

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 P.														
46/45					.1	.2												2	2																
42/41					.1	.6	.1											7	7																
40/39			.1	.2														3	3																
38/37		.1		.1														2	2	2															
36/35		.2	.1	.1														7	7	3															
34/33			.2															2	2	10	2														
32/31		.1	.2															3	3	3	1														
30/29		.1	.1															2	2	8															
28/27			.2															7	7	2	1														
26/25	.2	.4		.2														7	7	4	10														
24/23	.2	.2																4	4	6	7														
22/21	.2	.2	.1															9	9	8	9														
20/19	.6	.8																12	12	14	9														
18/17	2.4	.8																27	27	27	16														
16/15	1.2	.6																15	15	16	18														
14/13	1.7	.4																17	17	16	16														
12/11	2.5	1.2																31	31	30	21														
10/9	4.0	.8																38	38	39	19														
8/7	1.8	.2																17	17	18	37														
6/5	2.1	.4																21	21	21	26														
4/3	4.9	.1																42	42	42	23														
2/1	4.5	.1																39	39	39	27														
0/-1	5.6	.1																48	48	48	42														
-2/-3	6.0	.1																51	51	51	37														
-4/-5	5.1	.1																44	44	43	50														
-6/-7	7.5	.4																66	66	64	44														
-8/-9	5.8	.2																51	51	52	46														
-10/-11	5.7	.1																49	49	49	55														
-12/-13	5.4																	45	45	46	49														
-14/-15	3.7																	31	31	31	42														
-16/-17	4.4																	37	37	37	46														
-18/-19	2.4	.1																21	21	20	32														
-20/-21	2.0																	17	17	18	33														
-22/-23	2.6																	22	23	22	29														
Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
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

25210 FORT NELSON BC/MUSKWA DOT APT 57-66

FEB
MONTH
PAGE 2 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															
-24/-25	1.7	.1																15	16	14	18															
-26/-27	1.3	.1																17	13	13	23															
-28/-29	1.0																	8	8	8	14															
-30/-31	1.0																	8	8	8	12															
-32/-33	.6																	5	5	5	7															
-34/-35	.1																	1	1	1	7															
-36/-37																			2		7															
-38/-39																			1		5															
TOTAL	8.5	8.2	1.4	1.0	.8	.1												840	846	840	840															

Element (X)	Σ X'	Σ X	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5738023	69125	82.3	7.690	840							84
Dry Bulb	186780	-2218	-2.6	14.634	846	53.3	81.7					84
Wet Bulb	168429	-2259	-2.7	13.911	840	53.2	82.5					84
Dew Point	204452	-3590	-6.7	14.119	840	59.8	83.8					84

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

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DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25215 FORT NELSON BC/MUSKWA DUT APT 57-66 PFB
 STATION NAME YEARS MONTH
 PAGE 1 0600-0800
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point				
42/41					.1													1	1					
40/39				.2	.2													4	4					
38/37			.1	.2	.1													4	4					
36/35		.1	.1	.2	.1													5	5	1				
34/33		.1	.1	.1														3	3	5				
32/31		.1	.1															2	2	7				
30/29	.1	.1																2	2	5				
28/27	.1	.4																4	4	5				
26/25	.1	.4																4	4	5				
24/23		.2	.2															4	4	2				
22/21		.5	.5															4	4	4				
20/19	1.1	.5																13	13	14				
18/17	1.3	.7																17	17	16				
16/15	1.7	1.1																23	23	24				
14/13	1.4	1.2																22	22	20				
12/11	2.7	.7																29	29	30				
10/9	4.1	.2																36	36	39				
8/7	2.4	.4																23	23	36				
6/5	2.9	.5																28	28	37				
4/4	4.9																	41	41	42				
2/1	4.8	.1																41	41	41				
0/-1	3.7																	31	31	46				
-2/-3	5.0	.5																46	46	44				
-4/-5	5.4	.1																46	46	47				
-6/-7	5.7	.1																49	49	49				
-8/-9	5.8	.1																50	50	51				
-10/-11	6.9																	58	58	58				
-12/-13	5.2	.2																46	46	45				
-14/-15	4.5																	38	38	39				
-16/-17	4.1																	34	34	53				
-18/-19	4.1																	34	34	31				
-20/-21	2.4																	20	20	35				
-22/-23	1.7	.1																15	15	32				
-24/-25	2.6																	22	22	24				
Element (X)	Σ x'	Σ x	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					Total													
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 REVISIONS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT 57-66 FEB
STATION NAME YEARS MONTH

PAGE 2 0600-0800
HOURS

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																		
-26/-27	2.3																																	19	19	19	22	
-28/-29	1.4																																	12	12	12	15	
-30/-31	.1																																	1	1	1	19	
-32/-33	.6																																	5	5	5	15	
-34/-35	.4																																	3	3	3	7	
-36/-37																																				3	3	2
-38/-39																																				4		2
-40/-41																																					3	
TOTAL	9.4	8.5	.7	.8	.8																													839	846	839	839	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Hum.	5693504	68846	82.1	7.262	839	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																											
Dry Bulb	187970	-3164	-3.7	14.438	846	53.2	82.3					84																										
Wet Bulb	169418	-3082	-3.7	13.733	839	53.0	83.4					84																										
Dew Point	214694	-6476	-7.7	14.020	839	60.8	84.0					84																										

USAFETAC FORM 0-265 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2521R FORT NELSON BC/HUSKWA DDT APT 57-66 FEB
STATION STATION NAME YEARS MONTH
PAGE 1 0900-1100
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
38/37			.1	.5														5	5	5	5																
34/33			.4	.4														5	5	5	5	1															
32/31		.1		.1														3	3	3	3	5															
30/29	.2		.2															4	4	4	4	4															
28/27		.6																4	4	4	4	4															
26/25		.5	.4															7	7	7	7	1															
24/23	.1	1.2	.4															14	14	14	14	6															
22/21	.2	1.3																13	13	13	13	9															
20/19	.9	.9																16	16	16	16	13															
18/17	.4	1.4	.1															16	16	16	16	10															
16/15	1.7	2.1																32	32	32	32	14															
14/13	2.3	1.8																34	34	34	34	25															
12/11	2.0	.7																23	23	23	23	28															
10/9	4.4	.8																44	44	44	44	30															
8/7	4.0	.2																36	36	36	36	44															
6/5	3.1	.6																31	31	31	31	39															
4/3	4.8	.5																43	43	43	43	35															
2/1	5.0	.5																46	46	46	46	29															
0/-1	3.6	.2																32	32	32	32	43															
-2/-3	4.6	.8																46	46	46	46	44															
-4/-5	6.8	.5																61	61	61	61	34															
-6/-7	5.5	.4																49	49	49	49	43															
-8/-9	6.4	.6																59	59	59	59	58															
-10/-11	4.9																	41	41	41	41	43															
-12/-13	3.1	.1																27	27	27	27	53															
-14/-15	3.6																	30	30	30	30	40															
-16/-17	4.3	.2																38	38	38	38	38															
-18/-19	2.5																	21	21	21	21	20															
-20/-21	1.7																	14	14	14	14	43															
-22/-23	2.0																	17	17	17	17	26															
-24/-25	2.1																	18	18	18	18	23															
-26/-27	.7																	6	6	6	6	13															
-28/-29	.2																	2	2	2	2	10															
-30/-31	.2																	2	2	2	2	18															

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

USAFETAC FORM 0-26-5 (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

25218 FORT NELSON BC/MUSKWA DUT APT
STATION NO. STATION NAME

57-66
YEARS

FEB
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
-32/-33	.2																	2	2	2	4															
-34/-35	.1																	1	1	1	5															
-36/-37																			2																	
-38/-39																																				
-40/-41																					1															
TOTAL	1.4	1.1	1.9	.9														843	846	843																

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	
Rel. Hum.	5446936	67456	80.1	7.133	842							84
Dry Bulb	155991	-649	-0.8	13.965	846	46.6	83.0					84
Wet Bulb	143475	-801	-1.0	13.019	843	46.7	83.9					84
Dew Point	176263	-4571	-5.4	13.413	843	55.8	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

25218 FORT NELSON BC/HUSKWA DUT APT

57-66

PER MONTH

PAGE 1 1200-1400
 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
46/45					.1													1	1																
44/43					.2													2	2																
42/41				.2	.2													4	4																
40/39			.1	.6	.6													4	6																
38/37				.2	.2													2	2	4															
36/35			.1	.6	.6													6	6	7															
34/33		.4	.6	.2														10	10	4															
32/31		.1	1.3	.1														13	13	12	2														
30/29		.8	1.1	.1														17	17	10	1														
28/27		.9	.8															15	15	21	5														
26/25		1.3	.8															18	18	22	7														
24/23	.2	1.7	.6															21	21	21	14														
22/21	.1	2.0																21	21	17	28														
20/19	.3	2.7	.2															29	29	30	19														
18/17	.7	2.5																27	27	32	25														
16/15	1.2	3.2																37	37	38	24														
14/13	1.3	3.3																39	39	34	26														
12/11	1.7	1.9																30	30	43	44														
10/9	2.3	2.2																47	40	36	40														
8/7	1.3	2.4																33	33	39	42														
6/5	4.8	1.8																56	56	56	33														
4/3	4.4	1.1																46	46	50	32														
2/1	3.8	1.4																42	42	42	52														
0/-1	4.1	1.6																47	47	47	56														
-2/-3	4.4	.4																45	45	47	49														
-4/-5	5.4	1.1																55	55	52	37														
-6/-7	6.1	.3																56	56	60	46														
-8/-9	2.4	.3																24	24	22	62														
-10/-11	2.6	.6																27	27	27	52														
-12/-13	2.0	.1																18	18	21	31														
-14/-15	2.6																	22	22	22	26														
-16/-17	1.4	.2																14	14	14	25														
-18/-19	.9																	8	8	8	21														
-20/-21	.8																	7	7	7	22														

Element (X)	Z _x	Z _y	\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

25213 FORT NELSON BC/MUSKWA DDT APT 57-66

FEB

PAGE 2 1200-1400

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																
-22/-23	.6	.1																6	6	6	15																
-24/-25	.1																	1	1	1	9																
-26/-27	.1																	1	1	1	3																
-28/-29																					4																
-30/-31																					4																
TOTAL	6.335	0.6	0.6	1.1	1.2													846	846	846	846																

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	4966029	64409	76.1	8.589	846							84
Dry Bulb	192216	5054	6.0	13.847	846	32.9	80.9					84
Wet Bulb	162938	4366	5.2	12.890	846	33.3	83.0					84
Dew Point	140052	-100	-0.1	12.874	846	44.9	84.0					84

USAFETAC FORM 0-26-5 (OL A) JUL 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25214 FORT NELSON DC/MUSKWA MIT APT 57-66
STATION NAME YEARS MONTH
PAGE 1 1500-1700
HOURS - U.S. S.

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. Wet Bulb	Dry Bulb	Wet Bulb	Dew Point														
44/ 42						.2												2	2																
42/ 41						.4		.4										6	6																
40/ 39				.2		.1												4	3																
38/ 37			.1	1.1														10	10																
36/ 35		.2	.5	.7														13	12	4															
34/ 33		.1	1.2	.7														17	17	9	2														
32/ 31		.5	.9	.4														15	15	16															
30/ 29		1.1	.8															14	14	28	2														
28/ 27		1.3	1.2															21	21	17	7														
26/ 25		1.9	.4															19	19	19	17														
24/ 23	.1	1.4	1.4															25	25	26	18														
22/ 21	.5	2.5	.1															26	26	25	30														
20/ 19	.5	2.5	.1															26	26	35	26														
18/ 17	.9	2.2																27	27	32	22														
16/ 15	.6	2.5																26	26	29	34														
14/ 13	1.3	1.9																27	27	27	34														
12/ 11	2.3	1.7																35	35	35	35														
10/ 9	2.4	2.5																41	41	42	33														
8/ 7	3.3	1.9																44	44	43	33														
6/ 5	5.4	.9																54	54	58	30														
4/ 3	5.0	1.8																57	57	56	41														
2/ 1	3.3	1.3																39	39	39	62														
0/ -1	5.0	.9																50	50	52	54														
-2/ -3	4.3	.6																41	41	44	36														
-4/ -5	6.1	.2																54	54	53	51														
-6/ -7	5.7	.5																52	52	52	45														
-8/ -9	2.4	.1																21	21	22	58														
-10/-11	2.6	.2																24	24	25	58														
-12/-13	2.1																	18	18	18	19														
-14/-15	1.5																	13	13	13	27														
-16/-17	.6	.1																6	6	6	19														
-18/-19	.8																	7	7	7	13														
-20/-21	.4																	8	8	8	8														
-22/-23	.5	.1																5	5	4	10														
Element (X)	Σx	Σx^2	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Dry Bulb						≥ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F																								
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OCT 61) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
 USAF ETA
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

25218 FORT WELSH BC/MUSKWA BDT APT 57-66 FEP
 STATION NAME YEARS MONTH
 PAGE 2 1500-1700

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
-24/-25	.1																																		1	1	2	11		
-26/-27																																								1
-28/-29																																								6
-30/-31																																								2
-32/-33																																								2
TOTAL	18.4	31.0	0.0	0.7	2.8	.7	.4																												846	846	846	846		

Element (X)	ΣX	ΣX^2	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
						< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	
Rel. Hum.	5017556	64698	76.5	9.086	846							
Dry Bulb	214819	6285	7.414	1.00	846	29.8	79.0					84
Wet Bulb	179282	5546	6.613	0.05	846	30.4	82.7					84
Dew Point	142987	1145	1.412	0.938	846	41.7	83.8					84

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

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DATA PROCESSING DIVISION
USAF ETAS
AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON BC/HUSKWA DIST ART 57-66 FEB 1900-2000
STATION NAME YEARS MONTHS HOURS

Temp DB	W.B.	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
40/ 39					.1	.1																									2	2				
38/ 37			.1		.4	.1																									5	5				
36/ 35					.4																										3	3	1	1		
34/ 33			.2	.4																											5	5	2			
32/ 31		.1	.4	.4																											7	7	4	2		
30/ 29			1.1	.9	.9																										14	14	12	3		
28/ 27			.9	.9	.9																										13	13	11			
26/ 25	1.1	1.3	.2																												24	24	26	14		
24/ 23	.8	1.7	.1																												20	20	18	19		
22/ 21	.8	1.9	.2																													25	25	25	13	
20/ 19	.9	1.8																														21	21	26	27	
18/ 17	.6	1.2																														15	15	20	18	
16/ 15	1.1	1.3																														20	20	22	33	
14/ 13	1.8	1.4																														27	27	21	18	
12/ 11	3.3	1.7																														39	39	39	23	
10/ 9	2.7	1.1																														32	32	35	31	
8/ 7	2.6	1.2																														32	32	32	32	
6/ 5	4.7	.5																														35	35	40	29	
4/ 3	5.8	.4																														52	52	51	33	
2/ 1	6.9	.4																														58	58	58	54	
0/ -1	6.0	.2																														53	53	54	44	
-2/ -3	4.9	.2																														43	43	43	48	
-4/ -5	4.4	.2																														39	39	38	59	
-6/ -7	5.9																															50	50	52	38	
-8/ -9	4.6																															39	39	39	40	
-10/ -11	5.0																															42	42	42	48	
-12/ -13	2.8	.1																														25	25	25	37	
-14/ -15	4.3																															36	36	36	35	
-16/ -17	2.5																															21	21	21	31	
-18/ -19	2.0																															17	17	17	30	
-20/ -21	1.4																															12	12	12	28	
-22/ -23	.8	.1																														9	9	8	19	
-24/ -25	.7																															4	7	6	15	
-26/ -27	.1																															1	1	1	3	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26-5 (01-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/RUSKWA OUT APT 57-66 PER MONTH 1800-2000
STATION NAME YEARS HOURS

PAGE 2

Temp. F.	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
-24/-29	.1																																		1	1	1	8
-30/-31	.2																																	2	2	2	5	
-32/-33																																						4
-34/-35																																						1
-36/-37																																					1	
TOTAL	17.1	19.1	2.7	.4	.2																													844	844	844	844	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5566428	68302	80.9	6.800	844							84
Dry Bulb	171039	2321	2.7	13.961	844	39.4	82.5					84
Wet Bulb	155562	2046	2.4	13.366	844	39.5	83.7					84
Dew Point	161011	-1533	-1.8	13.700	844	49.2	83.9					84

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

29218 FORT NELSON RC/MUSKWA BOUT APT 57-66 FEB
 STATION NAME YEARS MONTH
 PAGE 1 2100-2300
 HOURS U.S.T.

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
44/ 43						.1	.1											2	2																
42/ 41						.1												1	1																
40/ 39		.2	.4	.2														7	7																
38/ 37		.1	.2	.1														3	3	2	1														
36/ 35			.4	.1														4	4	5															
34/ 33		.1	.2	.2														4	4	4	2														
32/ 31	.2		.1	.1														5	5	5	4														
30/ 29		.4	.2	.1														10	10	4	2														
28/ 27		.2	.1															8	8	10	5														
26/ 25	.5	2.4	.1															24	25	17	6														
24/ 23	.5	1.1	.1															14	14	23	10														
22/ 21	.1	1.4																16	16	12	16														
20/ 19	.8	1.7																19	19	28	26														
18/ 17	1.9	.4																21	21	29	19														
16/ 15	.9	.6																13	13	13	24														
14/ 13	1.4	.8																19	19	19	23														
12/ 11	2.1	1.2																28	28	24	18														
10/ 9	3.4	1.1																38	38	42	21														
8/ 7	2.5	.6																26	26	28	33														
6/ 5	3.6																	30	30	31	27														
4/ 3	3.6	.2																49	49	49	30														
2/ 1	4.9	.1																42	42	42	45														
0/ -1	5.0																	51	51	51	44														
-2/ -3	5.9	.1																51	51	51	32														
-4/ -5	4.3																	36	36	36	59														
-6/ -7	6.5	.1																56	56	56	48														
-8/ -9	6.0	.4																54	54	51	30														
-10/ -11	3.9																	33	33	36	44														
-12/ -13	4.2																	35	35	35	54														
-14/ -15	4.5																	38	38	38	31														
-16/ -17	3.0																	25	25	25	34														
-18/ -19	3.2	.2																29	29	29	39														
-20/ -21	2.3	.4																22	22	20	32														
-22/ -23	1.3																	11	11	11	25														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 47 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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DATA PROCESSING DIVISION
USAF ETAC
AIR MEATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2521N FORT NELSON BC/MUSKWA OUT APT

57-66

MAR

PAGE 1 0000-0200

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point															
50/49							.1																								1	1			
48/47					.2																										2	2			
46/45						.2																									2	2			
44/43			.1				.1																								2	2			
42/41							.8																								7	7	2		
40/39						.1	.1																								2	2	2		
38/37			.2			.4	.2																								8	8	2		
36/35			.3	.6		.2																									11	11	2		
34/33			.4	.9																											12	12	15	4	
32/31			.3	.5																											8	8	12	2	
30/29	.1	1.9		.2																											15	15	17	9	
28/27	.3	2.6	1.2																												40	40	27	7	
26/25	.5	2.2		.8																											31	31	41	17	
24/23	1.2	2.3		.4																											36	36	36	40	
22/21	1.3	2.4		.3																											37	37	36	34	
20/19	1.3	3.2																													42	42	44	42	
18/17	1.7	1.7																													37	32	42	36	
16/15	1.8	1.8																													34	34	34	51	
14/13	2.7	2.0																													44	44	40	33	
12/11	3.1	1.7																													45	45	50	40	
10/9	3.5	1.4																													46	46	46	40	
8/7	1.8	.5																													22	22	29	44	
6/5	3.5	.5																													38	38	38	44	
4/3	6.2	.8																													64	64	63	33	
2/1	5.5	.5																													54	54	56	49	
0/-1	6.2	.2																													60	60	61	64	
-2/-3	4.3																														42	42	41	49	
-4/-5	4.8	.1																													46	46	46	57	
-6/-7	2.8																														26	26	27	37	
-8/-9	2.2	.2																													22	22	21	47	
-10/-11	2.4																														22	22	23	27	
-12/-13	1.5																														14	14	14	22	
-14/-15	1.5	.1																													15	15	14	24	
-16/-17	1.2	.2																													13	13	13	16	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						+ 0 F	+ 32 F	+ 67 F	+ 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

2521R FORT NELSON BC/MUSKWA DUT APT 57-66

MAR
MONTH

PAGE 2 0000-0200
HOURS U.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														
-18/-19	1.0																	9	9	10	9														
-20/-21	1.1																	10	10	10	11														
-22/-23	.3																	3	3	3	13														
-24/-25	.3																	3	3	3	11														
-26/-27	.3																	3	3	3	5														
-28/-29	.3																	3	3	3	1														
-30/-31	.3																	3	3	3	5														
-32/-33	.1																	1	1	1	3														
-34/-35																					3														
-38/-39																					1														
TOTAL	55.9	27.0	4.9	1.0	1.3	.2												930	930	930	930														

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6180664	75394	81.1	8.591	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93
Dry Bulb	265594	7834	8.4	14.658	930	29.5	88.3					93
Wet Bulb	232150	7188	7.7	13.787	930	29.6	90.7					93
Dew Point	187193	3337	3.6	13.734	930	40.5	92.6					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25215 FORT NELSON RC/MUSKWA DHT APT

57-66

MAR

STATION NAME

YEARS

PAGE 1 0300-0500

MO. RE. ...

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
46/ 45				.1																														1	1		
42/ 41				.1				.2																										3	3	1	
40/ 39				.1				.2																										3	3		
38/ 37			.5	.4		.1																												3	8	1	1
36/ 35			.1	.1		.1																												6	6	8	8
34/ 33			.4	.3		.4																												13	13	6	6
32/ 31	.1	.1	.1	.4		.1																												11	11	12	5
30/ 29	.1	1.2	.4	.4																														16	16	13	6
28/ 27	.1	2.0	.1	.1																														20	20	20	8
26/ 25	.9	2.4	.3	.3																														33	33	36	9
24/ 23	.9	1.8	.3	.3																														30	30	29	26
22/ 21	.5	2.2	.2	.2																														27	27	30	39
20/ 19	1.4	1.8																																35	35	40	31
18/ 17	1.7	2.8																																42	42	36	35
16/ 15	1.8	1.1																																29	29	40	33
14/ 13	2.2	1.0																																29	29	28	37
12/ 11	1.9	2.0																																37	37	36	37
10/ 9	4.9	1.2																																56	56	59	25
8/ 7	1.8	.8																																23	23	25	50
6/ 5	2.9	.9																																35	35	34	42
4/ 3	5.2	.5																																53	53	52	31
2/ 1	4.7	.2																																46	46	50	35
0/ -1	7.1	.3																																69	69	67	60
-2/ -3	5.0																																	46	46	48	50
-4/ -5	3.9	.1																																37	37	36	59
-6/ -7	4.1																																	38	38	39	43
-8/ -9	4.9																																	43	43	43	38
-10/ -11	4.2																																	39	39	39	36
-12/ -13	1.8																																	17	17	17	49
-14/ -15	1.0	.1																																10	11	9	27
-16/ -17	1.5																																	14	14	15	22
-18/ -19	1.6																																	15	15	15	10
-20/ -21	1.7																																	16	16	16	11
-22/ -23	.8																																	7	7	7	22
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	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

25218 FORT NELSON BC/MUSKWA DDT APT

57-66

MAR
MONTH

PAGE 2 0300-0900
HOURS U.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-24/-25	.5																	5	5	5	17														
-26/-27	.2																	2	2	2	9														
-28/-29	.4																	4	4	4	2														
-30/-31	.3																	3	3	3	4														
-32/-33	.3																	3	3	3	4														
-34/-35	.1																	1	1	1	2														
-36/-37																			2		2														
-38/-39																					2														
TOTAL	71.224.2	3.4	1.4	.4													927	930	927	927															

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	6322483	76253	82.3	7.354	927							
Dry Bulb	739479	5271	5.715	0.21	930	37.4	89.6					93
Wet Bulb	214056	4894	5.314	0.257	927	37.2	91.4					93
Dew Point	194014	1274	1.414	0.09	927	47.1	92.3					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

29218 FORT NELSON BC/MUSKWA DIST APT

57-66

APR

STATION

STATION NAME

YEARS

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														
54/ 53						.1												1	1																
52/ 51						.1												1	1																
50/ 49					.1													1	1																
48/ 45				.1														1	1																
44/ 43			.1															1	1	1															
42/ 41			.2		.1													3	3	2															
40/ 39			.4		.2													6	6	2															
38/ 37				.2														2	2	3															
36/ 35	.1	.3	.1															5	5	5	2														
34/ 33		.4	.8	.1														12	12	5	8														
32/ 31		.6	.3															9	9	10	4														
30/ 29	.2	.9	.6															16	16	13	7														
28/ 27		1.2	.3															14	14	14	8														
26/ 25	.8	2.6	.1															32	32	26	7														
24/ 23	.3	1.8	.1															21	21	29	21														
22/ 21	.6	2.3	.1															30	30	27	29														
20/ 19	1.3	2.1	.1															32	32	35	27														
18/ 17	1.9	1.4																31	31	38	28														
16/ 15	3.8	2.7																60	60	59	43														
14/ 13	1.7	1.9	.1															35	35	38	34														
12/ 11	1.5	1.7																30	30	24	42														
10/ 9	3.1	1.0																38	38	47	42														
8/ 7	2.3	.6																27	27	28	30														
6/ 5	4.1	.2																40	40	41	39														
4/ 3	3.6	.3																36	36	37	35														
2/ 1	4.2	.4																43	43	40	46														
0/ -1	5.8	.6																60	60	63	37														
-2/ -3	5.6	.3																55	55	53	44														
-4/ -5	4.0	.2																39	39	40	52														
-6/ -7	3.6																	33	33	34	50														
-8/ -9	5.4	.1																51	52	51	45														
-10/ -11	2.2																	48	48	48	30														
-12/ -13	1.8	.1																18	18	17	45														
-14/ -15	2.6																	24	24	25	45														
Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT 57-66

MAR

PAGE 2 0600-0800

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														
-16/-17	1.0	.1																10	10	10	24														
-18/-19	2.1																	19	19	19	21														
-20/-21	.3																	7	7	7	12														
-22/-23	1.3																	12	12	12	23														
-24/-25	.6																	6	6	6	8														
-26/-27	.4																	4	4	4	14														
-28/-29	.4																	4	4	4	6														
-30/-31	.4																	4	4	4	9														
-32/-33	.2																	2	2	2	3														
-34/-35	.2																	2	4	2	5														
-36/-37																			1		1														
-38/-39																					2														
-40/-41																					2														
TOTAL	71.2	24.3	3.9	.4	.4	.2												926	930	926	926														

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6181351	75337	81.4	7.507	926	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	240964	4480	4.8	13.367	930	40.3	89.7					93
Wet Bulb	214394	4124	4.5	14.556	926	40.4	91.2					93
Dew Point	202732	334	.4	14.800	926	47.6	92.0					93

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON BC/MUSKWA DIST APT 57-66

YEAR MONTH HOURS T.O.S. T.
PAGE 1 0900-1100

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													.1																					1	1		
56/ 55													.1	.1																				2	2		
54/ 53								.2	.1			.1																						4	4		
52/ 51								.1																										1	1		
50/ 49								.1					.1																				5	2			
48/ 47									.2	.1			.1																				3	3		1	
46/ 45									.1	.1																							2	2		4	
44/ 43						.3	.4		.2																								9	9		2	
42/ 41						.2	.4		.2																								9	9		2	
40/ 39					.1	.6	.2																										9	9			
38/ 37					.1	.6	.2																										9	9		2	
36/ 35			.2	.6	.9	.3																											16	16	19	4	
34/ 33			.2	.6	.9	.3																											20	20	21	2	
32/ 31	.2	.4	1.2	.2																													19	19	23	6	
30/ 29	.2	.3	1.2	.1																													20	20	22	11	
28/ 27	.1	1.8	1.9	.1																													37	37	22	10	
26/ 25	.1	1.3	1.9	.1																													30	30	38	22	
24/ 23	.2	1.9	1.9																														32	32	34	39	
22/ 21	.6	3.0	1.1																														44	44	42	26	
20/ 19	.4	3.1	.4																														40	40	51	35	
18/ 17	1.7	3.1																															45	45	54	38	
16/ 15	1.3	4.4	.1																														56	56	49	55	
14/ 13	1.4	1.6	.1																														29	29	45	49	
12/ 11	1.4	2.6																															37	37	31	59	
10/ 9	2.2	2.2																															40	40	42	47	
8/ 7	2.4	1.9																															44	44	49	33	
6/ 5	2.5	2.4																															45	45	43	45	
4/ 3	2.3	1.6																															36	36	43	40	
2/ 1	4.0	1.3																															51	51	47	40	
0/ -1	3.7	1.4																															47	47	49	43	
-2/ -3	3.7	1.0																															43	43	46	42	
-4/ -5	3.3	.4																															37	37	37	37	
-6/ -7	3.0	.4																															32	32	34	38	
-8/ -9	2.8	.4																															30	30	30	47	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																									
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

25218 FORT NELSON AC/MUSKWA DUT APT 57-66

MAR
MONTH

PAGE 2 0900-1100
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-10/-11	2.0																	19	19	20	30														
-12/-13	.4																	4	4	4	37														
-14/-15	.6	.2																8	8	8	23														
-16/-17	.5	.1																6	6	5	15														
-18/-19	.4																	5	5	6	12														
-20/-21	.2																	2	2	2	4														
-22/-23	.2																	2	2	2	5														
-24/-25	.1																	1	1	1	3														
-26/-27	.1																	1	1	1	6														
-28/-29																					1														
-30/-31	.1																	1	1	1	1														
-32/-33																					1														
-34/-35																					2														
TOTAL	44.138	10.8	3.8	2.2	.6	.5	.1											930	930	930	930														

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5264747	69189	74.411	237	930							
Dry Bulb	339609	11055	11.914	970	930	23.8	84.3					93
Wet Bulb	273151	9807	10.513	317	930	24.6	88.1					93
Dew Point	187522	4592	4.913	321	930	36.7	92.2					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/4AC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA BOUT APT

57-66

YEAR

PAGE 1 1200-1400

MONTH

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														
62/ 61								.2										2	2																
60/ 59									.1									1	1																
58/ 55							.4											2	2																
54/ 53						.1	.3	.1										5	5																
52/ 51						.1	.5											6	6																
50/ 49						.6	.6											12	12																
48/ 47					.3	1.0	.2											14	14	2															
46/ 45					.9	1.0	.1											18	18	4															
44/ 43				.1	1.4	1.1												24	24	1															
42/ 41				.9	1.2	.9												24	24	4															
40/ 39			.4	1.2	1.1	.3												28	28	19															
38/ 37			.6	1.1	.9													24	24	24	2														
36/ 35		.4	1.1	1.2	.1													25	25	40	3														
34/ 33		.3	1.1	1.0	.1													22	22	39	1														
32/ 31		.5	2.6	.8														36	36	43	5														
30/ 29	.3	.9	3.6	1.0														52	52	39	25														
28/ 27	.1	1.0	1.9															28	28	47	26														
26/ 25		1.9	2.1															33	33	47	46														
24/ 23	.2	2.4	1.1															33	33	43	35														
22/ 21		2.0	1.1															29	29	38	57														
20/ 19	.5	4.2	1.5															59	59	45	54														
18/ 17	.4	2.8	1.1															39	39	46	64														
16/ 15	.3	4.1																48	48	39	57														
14/ 13	.3	4.4																47	47	60	55														
12/ 11	.6	3.2	.6															40	40	47	32														
10/ 9	1.3	1.9																32	32	41	28														
8/ 7	1.8	2.2																37	37	46	50														
6/ 5	2.2	1.0																35	35	37	64														
4/ 3	1.8	2.1																36	36	38	41														
2/ 1	3.0	1.8																45	45	50	44														
0/ -1	2.3	1.2																32	32	27	50														
-2/ -3	1.0	.3																18	18	25	32														
-4/ -5	1.4	.6																17	17	16	45														
-6/ -7	1.2	.9																16	16	17	44														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

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DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON FC/MUSKWA DUT APT 57-66 MAR
 STATION NAME YEARS MONTH
 PAGE 2 1200-1400
 HOURS U.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																
-8/-9	.1	.2																3	3	3	21																
-10/-11	.2	.2																4	4	5	14																
-12/-13	.2	.1																3	3	3	17																
-14/-15																					6																
-16/-17	.1																	1	1	1	3																
-18/-19																					2																
-20/-21																					4																
-22/-23																					1																
-24/-25																					2																
TOTAL	20.3	40.4	18.4	7.1	5.9	4.9	1.8	.1	.1									930	930	930	930																

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	4213594	61220	65.814	0.59	930							93
Dry Bulb	90399	18595	20.015	0.340	930	9.4	72.3					93
Wet Bulb	430578	16018	17.212	0.904	930	9.7	79.7					93
Dew Point	216767	8955	9.611	0.989	930	24.1	92.4					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

25218 FORT BELSON BC/MUSKWA DET APT 57-66

PAGE 1 1500-1700

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	2																
56/ 55							.1	.1										4	4																
54/ 53							.2	.3	.1									6	6																
52/ 51						.2	.2	.3	.2									14	14																
50/ 49							1.4	.3	.1									17	17																
48/ 47							.3	.3	.3									11	11																
46/ 45							.8	1.3	.2									21	21	2															
44/ 43					.2	1.7	1.3	.1										31	31	4															
42/ 41			.4		1.0	1.1												27	27	11															
40/ 39			.1		.9	1.5	.2											25	25	23															
38/ 37		.1	.3		1.6	.9	.2											31	31	27	1														
36/ 35		.5	1.2		2.5	.4												43	43	44															
34/ 33		.2	1.3		1.6													31	31	46	6														
32/ 31		.9	2.7		1.0													39	39	48	12														
30/ 29	.4	.8	1.4		.8													31	31	52	19														
28/ 27		.8	2.1		.1													27	27	53	35														
26/ 25		1.6	1.5															31	31	34	48														
24/ 23	.1	2.0	1.3															32	32	43	53														
22/ 21	.4	3.2	1.3															52	52	34	47														
20/ 19	.3	3.4	2.2															55	55	52	71														
18/ 17	.2	2.4	1.1															33	33	48	60														
16/ 15	.2	3.7	.6															42	42	48	54														
14/ 13	.2	3.8	.8															43	43	33	49														
12/ 11	.5	3.2	.1															36	36	48	47														
10/ 9	1.8	2.4																36	36	51	28														
8/ 7	1.9	2.0																37	37	40	44														
6/ 5	2.3	2.4																45	45	46	67														
4/ 3	1.7	1.9																31	31	32	52														
2/ 1	3.0	1.3																42	42	41	52														
0/ -1	.6	.2																5	8	17	39														
-2/ -3	1.0	.4																16	16	13	46														
-4/ -5	.9																	8	8	11	26														
-6/ -7	1.6	.2																17	17	16	18														
-8/ -9	.4	.1																5	5	6	22														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	> 67 F	> 73 F	> 80 F	> 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0 26-5 (O-L-A) REVISION 10-65 (REVISED 10-65)

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

29218 FORT NELSON BC/MUSKWA BOUT APT 57-66 MAR 1966
STATION NUMBER STATION NAME YEARS MONTH

PAGE 2 1500-1700
HOURS PERIOD

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														
-10/-11	.1																	1	1	1	13														
-12/-13																					9														
-14/-15																					5														
-16/-17																					6														
-18/-19																					1														
TOTAL	17.7	37.6	19.1	9.6	6.9	5.8	2.4	.9										930	930	930	930														

Element / X1	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						0 F	32 F	67 F	73 F	80 F	93 F	
Rel. Hum.	4112012	60256	64.8	14.961	930							93
Dry Bulb	668271	20502	22.0	15.259	930	5.9	66.7					93
Wet Bulb	479929	17573	18.9	12.616	930	6.4	77.1					93
Dew Point	234451	10321	11.1	11.408	930	18.3	92.3					93

USAFETAC FORM 0-26-5 (D. A) JUL 64 Revised With the Addition of the Relative Humidity

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DATA PROCESSING DIVISION
USAF ETAC
AIR -EAT-ERK SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA BDT APT 57-66

PAGE 1 1800-2000

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														
52/ 51						.1	.4											4	4																
50/ 49					.4	.4	.1											7	7																
48/ 47						.1	.2											3	3																
46/ 45					.5	.6												11	11																
44/ 43				.2	.5	.4												11	11																
42/ 41				1.2	.2	.2												18	18	5															
40/ 39			.2	1.0	.3	.3												14	14	8															
38/ 37			.2	1.2	.2	.1												21	21	8															
36/ 35		.1	1.1	1.6	.3													27	27	25															
34/ 33		.3	1.2	.8	.1													22	22	34	2														
32/ 31		1.1	1.8	.8														34	34	30	6														
30/ 29	.4	1.3	3.1	.4														48	48	39	18														
28/ 27	.4	1.9	2.8	.3														49	49	44	29														
26/ 25	.1	3.1	1.3	.1														48	48	57	33														
24/ 23	.3	2.3	1.1															35	35	54	41														
22/ 21		3.8	.4															37	37	45	49														
20/ 19	1.0	3.7	.2															45	45	50	67														
18/ 17	1.0	3.0	.1															38	38	49	48														
16/ 15	1.1	2.9	.3															40	40	35	66														
14/ 13	1.1	3.1	.2															41	41	45	58														
12/ 11	1.4	2.2	.1															36	36	40	46														
10/ 9	2.0	2.7																44	44	49	39														
8/ 7	2.6	2.3																45	45	48	37														
6/ 5	4.2	1.7																55	55	59	44														
4/ 3	2.9	.8																34	34	35	46														
2/ 1	3.4	1.0																41	41	37	52														
0/ -1	2.3	.3																24	24	31	61														
-2/ -3	2.8	.4																30	30	28	39														
-4/ -5	1.8	.8																24	24	25	31														
-6/ -7	1.0	.3																12	12	12	28														
-8/ -9	1.3	.1																13	13	15	35														
-10/-11	.8																	7	7	7	14														
-12/-13	.3																	3	3	3	14														
-14/-15	.5																	5	5	5	9														
Element (X)	Σx	Σx^2	\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																																			

USAF ETAC 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

25218 FORT NELSON BC/MUSKWA OUT APT 57-66

YEARS MONTH

PAGE 2 1800-2000
HOURS OF DAY

Time	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	1	2	3	4	5	6	7	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		
-16/-17																																						3
-18/-19	.3																																				3	5
-20/-21																																					5	
-22/-23																																					3	
-24/-25																																					1	
-26/-27	.1																																			1	1	
-32/-33																																					1	
TOTAL	33.2	39.0	14.4	6.7	3.4	2.0	.6																													930	930	930

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	5009719	67225	72.3	12.722	930							
Dry Bulb	464816	15846	17.0	14.481	930	12.2	79.2					93
Wet Bulb	361700	14062	15.1	12.668	930	13.0	85.0					93
Dew Point	210665	8485	9.1	11.976	930	24.9	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 HEATER SERVICE/AC

PSYCHROMETRIC SUMMARY

2221A FORT NELSON RC/MUSKWA DUT APT 57-66 MAR
STATION NAME YEARS MONTH
PAGE 1 2100-2300
HOURS ... 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	
52/ 51																																					
50/ 49																																					
48/ 47																																					
46/ 45																																					
44/ 43																																					
42/ 41																																					
40/ 39																																					
38/ 37																																					
36/ 35																																					
34/ 33																																					
32/ 31																																					
30/ 29																																					
28/ 27																																					
26/ 25																																					
24/ 23																																					
22/ 21																																					
20/ 19																																					
18/ 17																																					
16/ 15																																					
14/ 13																																					
12/ 11																																					
10/ 9																																					
8/ 7																																					
6/ 5																																					
4/ 3																																					
2/ 1																																					
0/ -1																																					
-2/ -3																																					
-4/ -5																																					
-6/ -7																																					
-8/ -9																																					
-10/ -11																																					
-12/ -13																																					
-14/ -15																																					
Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total																										
Rel. Hum.						≤ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F																										
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0-20-5 (O-L-A) REVISIONS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA OUT APT

57-66

MAR
MONTH

PAGE 2 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																
-16/-17	.6																	6	6	6	6																
-18/-19	.4																	4	4	4	4	13															
-20/-21	.4																	5	5	5	5																
-22/-23	.2																	2	2	2	2																
-24/-25	.2																	2	2	2	2																
-26/-27	.1																	1	1	1	1																
-28/-29	.2																	2	2	2	2																
-30/-31																																					
-32/-33																																					
-34/-35																																					
TOTAL	51.1	34.4	10.3	2.0	1.2	.9	.1										930	930	930	930																	

Element (X)	Σx	Σx^2	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature				Total		
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5732249	72375	77.8	10.367	930							93
Dry Bulb	333054	11378	12.2	14.445	930	20.4	86.7					93
Wet Bulb	278054	10336	11.1	13.233	930	20.7	89.5					93
Dew Point	193471	5885	6.3	12.968	930	32.6	92.7					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

25218 FORT NELSON BC/MUSKWA DHT APT 57-66 APR
STATION STATION NAME YEARS 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														
58/57							.1																								1	1			
54/53								.1																								1	1		
52/51							.2																									3	3		
50/49								.3																								3	3		
48/47				.1		.3		.2																							6	6			
46/45					.2			.3		.1																					6	6		2	
44/43			.1	1.0		.7		.2																						18	18		4		
42/41			.4	2.1		.3																								26	26				
40/39		.4	2.2	2.2		.8																							51	51		12			
38/37		.9	2.9	2.7		.3																							61	61		23	2		
36/35	.6	2.2	3.3	1.7		.2																							72	72		78	10		
34/33	.8	4.1	3.8	1.6		.1																							93	93		77	41		
32/31	1.0	5.4	3.3	.2		.1																							91	91		107	40		
30/29	.8	6.3	3.1	.6																									97	97		118	71		
28/27	1.0	6.8	1.4																										83	83		102	97		
26/25	.6	4.9	1.3																										61	61		97	119		
24/23	1.1	3.8	.8																										51	51		69	92		
22/21	1.6	2.0	1.3																										41	41		54	101		
20/19	1.1	.7	.1																										17	17		29	72		
18/17	.9	.7	.1																										15	15		18	69		
16/15	1.4	1.4	.1																										27	27		24	36		
14/13	1.1	1.2																											21	21		21	25		
12/11	1.0																												17	17		21	31		
10/9	.3	.4																											11	11		12	22		
8/7	.6	.3																											8	8		10	13		
6/5	.9																												8	8		11	19		
4/3	.3																												3	3		3	13		
2/1	.3																												3	3		3	12		
0/-1	.1																												1	1		1	6		
-2/-3	.3																												3	3		3	4		
-4/-5	.1																												1	1		1	3		
-6/-7																																		1	
-10/-11																																		1	

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_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 (O-L A) REVISED PER HOUR EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DJT APT

57-66

APP

PAGE 1 0300-0500

HOURLY

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															
52/ 51											.2																				2	2				
50/ 49									.1																							1	1			
48/ 47								.3		.2																						5	5			
46/ 45								.2																								2	2			
44/ 43							.2		.1		.1																					4	4		1	
42/ 41				.4		.7			.1		.1																					11	11		4	
40/ 39			.2	.6		.4		.1																								12	12		3	
38/ 37	.1	1.4	1.4		1.3	.2																										44	44		13 2	
36/ 35	.1	1.9	3.2		.8	.1																										55	55		32 7	
34/ 33	1.0	3.0	4.0		.6																											82	82		59 30	
32/ 31	2.0	5.9	5.9		.3																											110	110		87 48	
30/ 29	1.7	6.8	2.8																													101	101		134 49	
28/ 27	.9	7.1	2.3		.1																											94	94		108 84	
26/ 25	2.0	5.7	1.9																													83	83		113 103	
24/ 23	1.6	5.2	.9																													69	69		69 107	
22/ 21	1.0	3.6	.3																													44	44		66 95	
20/ 19	1.9	1.2	.3																													31	31		53 76	
18/ 17	.7	1.1	.2																													18	18		17 73	
16/ 15	.7	.9																														14	14		17 47	
14/ 13	1.9	1.3																														29	29		24 30	
12/ 11	.9	1.4																														21	21		24 22	
10/ 9	1.4	.4																														17	17		25 18	
8/ 7	.8	.3																														10	10		8 28	
6/ 5	.8	.1																														8	8		10 17	
4/ 3	1.3	.2																														14	14		13 17	
2/ 1	.8	.1																														8	8		9 16	
0/ -1	.4																															4	4		4 9	
-2/ -3	.2																																2	2		2 11
-4/ -5	.3																																3	3		3 2
-6/ -7	.1																																1	1		1 6
-8/ -9	.1																																1	1		1 1
-10/ -11																																				1 1
-12/ -13																																				1 1
Element (X)	Σ X'	Σ X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F																									
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

25218 FORT NELSON BC/MUSKWA OUT APT 57-66

APR

STATION NAME

YEARS

MONTH

PAGE 2 0300-0500

HOURS U.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	22.8	48.0	22.9	4.4	1.2	.7												900	900	900	900														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	5729493	71047	78.9	11.600	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90																							
Dry Bulb	703402	23728	26.4	9.304	900	1.1	68.2					90																							
Wet Bulb	604985	22081	24.5	8.387	900	1.1	78.8					90																							
Dew Point	444391	18379	20.4	8.778	900	3.1	86.1					90																							

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

2521A FORT NELSON HC/HUSKWA DUT LPT 57-66

APR

STATION NAME

YEARS

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	
54/ 53										.1																								1	1		
50/ 49										.1	.3																							4	4		
48/ 47						.1		.4	.4	.1																							10	10			
46/ 45				.1	.1	.6	.3																										17	10	1		
44/ 43			.2	.4	.4	.1																											12	12	2		
42/ 41			.3	.4	.4	.7																											25	25	2		
40/ 39			.7	1.0	2.6	.1																										43	43	18			
38/ 37	.1	.3	2.7	1.8	.2																											46	46	22	7		
36/ 35	.2	2.7	4.7	1.6	.2																											84	84	50	9		
34/ 33	1.0	3.8	4.3	.8	.1																											90	90	87	25		
32/ 31	1.6	5.1	4.7	.2																												98	98	119	34		
30/ 29	.9	5.3	3.2																													85	85	114	73		
28/ 27	1.2	5.3	2.3																													80	80	94	115		
26/ 25	1.4	4.0	1.3																													61	61	91	111		
24/ 23	.7	2.9	1.1																													41	41	55	101		
22/ 21	.7	3.2	.2																													37	37	43	91		
20/ 19	.7	2.0	.3																													27	27	43	60		
18/ 17	.8	1.2	.2																													20	20	21	41		
16/ 15	.9	1.1	.2																													20	20	23	49		
14/ 13	1.3	1.1																														22	22	23	37		
12/ 11	.9	1.3																														20	20	20	23		
10/ 9	.9	.8																														15	15	22	19		
8/ 7	1.2	.3																														14	14	14	22		
6/ 5	.7	.6																														11	11	10	21		
4/ 3	.8	.1																														8	8	9	17		
2/ 1	.6																															5	5	6	16		
0/ -1	.6																															5	5	5	9		
-2/ -3	.3																															3	3	3	11		
-4/ -5	.2																															2	2	2	4		
-6/ -7																																				1	
-8/ -9	.1																															1	1	1	1		
-10/-11																																			2		
-12/-13																																			1		

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

USAFETAC FORM 0 26-5 (OLA) RE-INTRODUCTION OF THIS FORM AND CONTENTS JUL 64

2

DATA PROCESSING DIVISION
 USAF ETAS
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON RC/MUSKWA DUT APT 57-66

YEARS

APR
MONTH

PAGE 2 0600-0800
HOURS

Temp. F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
TOTAL	7.741	9.926	7.9	4	3.0	1.2	.1												900	900	900	900													

Element (X)	Σx'	Σx	\bar{x}	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≤ 80 F	≤ 93 F	
Rel Hum.	3267014	67868	75.41	12.881	900							
Dry Bulb	501295	25293	28.11	10.026	900	1.1	57.5					90
Wet Bulb	664997	23160	25.7	8.761	900	1.1	71.8					90
Dew Point	464327	18818	20.9	8.878	900	2.9	85.9					90

USAFETAC FORM 0-20-5 (O.L.A.) 1 JUL 54 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAL

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/BUKWA OUT APT
STATION NAME

57-66
YEARS

APR
MONTH

PAGE 1 0900-1100
HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point	
62/ 61																																		1	1
60/ 59											.1	.1	.2																				4	4	
58/ 57										.1	.1	.2																					8	8	
56/ 55										.1	.2	.2																					5	5	
54/ 53								.1	.6	.8	.1																						14	14	
52/ 51							.2	1.6	.8	.1																							24	24	
50/ 49							1.0	2.2	.6	.1																							35	35	
48/ 47						.1	1.8	2.1	.8	.1																							43	43	
46/ 45						1.1	2.9	1.9	.2	.1																							56	56	
44/ 43		.4	.4			2.1	3.7	1.0	.6																								71	71	
42/ 41		.2	1.1	3.4	2.6	.8																											73	73	
40/ 39		.6	2.7	3.8	1.7	.1																											73	73	
38/ 37		1.1	1.4	3.2	1.0																												61	61	
36/ 35	.3	1.9	3.8	1.8																													70	70	
34/ 33	.4	2.3	3.4	.7																													62	62	
32/ 31	.7	2.0	2.2	.9	.1																												50	50	
30/ 29	.1	1.4	2.2	.1																													40	40	
28/ 27	.4	1.6	1.4	.2																													33	33	
26/ 25	.1	1.4	.4	.1																													22	22	
24/ 23	.3	2.4	.7																														31	31	
22/ 21	.3	1.9	.4	.2																													29	29	
20/ 19	.6	1.4	.7																														24	24	
18/ 17	.3	.9	.6																														16	16	
16/ 15	.3	1.4	.4																														17	17	
14/ 13	.8	1.2																															12	12	
12/ 11	.1	.6																															6	6	
10/ 9	.4	.1																															5	5	
8/ 7	.4	.2																															6	6	
6/ 5																																	1	1	
4/ 3	.2	.1																															3	3	
2/ 1	.1	.1																															2	2	
0/ -1	.2	.1																															3	3	
-2/ -3	.1																																1	1	
-4/ -5																																			

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

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON BC/MUSKWA HUT APT 57-66 APP
STATION NAME YEARS MONTH
PAGE 2 0900-1100
HOURS U.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		
-C/ -7																																					3	
-R/ -9																																				3		
TOTAL	5.8	73.3	22.1	17.4	15.0	10.6	4.1	1.6	.1																											900	900	900

Element X	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	3070334	55454	61.6	16.792	900							90
Dry Bulb	1755744	32118	35.7	11.039	900	.4	30.0					90
Wet Bulb	917451	27697	30.8	8.509	900	.5	44.6					90
Dew Point	524198	20456	22.7	8.119	900	1.4	83.7					90

USAF AC FORM 0 26 5 (00 1) JUL 64 REVISION 10-64-65-70-71-72-73-74-75

2

DATA PROCESSING DIVISION
USAF ETAS
AIR WEATHER SERVICE/MAG

PSYCHROMETRIC SUMMARY

25210 FORT NELSON FC/MUSKWA DDT APT

57-66

APR

PAGE 1 1200-1400

Temp. D.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														
72/ 71										.1								1	1																
70/ 69									.1	.1								2	2																
68/ 67									.2	.2								2	2																
66/ 65									.1	.2	.2	.1						6	6																
64/ 63										.6	.7							7	7																
62/ 61							.1	.3		.7	.2							17	10																
60/ 59							.2	.7	.7	.3								11	11																
58/ 57						.2	.3	.9	.1									19	19																
56/ 55						.4	1.3	1.7										31	31																
54/ 53						.7	2.1	.4										33	33	3															
52/ 51						2.3	4.0	1.2										68	68	3															
50/ 49				.1	.4	3.2	2.0	.6										60	60	7															
48/ 47			.1	.1	.7	2.1	4.3	2.2	.7									85	85	16															
46/ 45		.1	.1	.7	2.9	3.1	.9											70	70	31															
44/ 43			.7	1.6	2.4	2.3	.4											67	67	35	1														
42/ 41			1.3	1.6	3.2	.9												67	63	73	1														
40/ 39		.8	1.3	.7	2.1	.1												45	45	106	5														
38/ 37	.1	.7	1.7	2.6	.8													52	52	143	5														
36/ 35	.1	1.3	2.4	1.1	.1													50	50	96	23														
34/ 33		1.6	1.4	.9	.4													33	38	100	40														
32/ 31	.1	.6	.8	.6														18	18	75	61														
30/ 29		1.0	1.2	.4														24	24	30	97														
28/ 27		1.3	1.6	.3	.1													30	30	28	96														
26/ 25		2.0	.9	.1														27	27	31	96														
24/ 23	.3	1.3	.6	.1														21	21	38	99														
22/ 21	.1	.4	.4															15	15	21	99														
20/ 19		.6	.8															8	8	13	84														
18/ 17		1.3	.2															14	14	17	56														
16/ 15	.1	.6																6	6	9	75														
14/ 13		.7																6	6	10	32														
12/ 11		.3																3	3	5	24														
10/ 9		.1																1	1	1	18														
8/ 7		.2																7	2	2	8														
6/ 5		.1																1	1	2	12														
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																								
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 (OCT 64) REUSED PREVIOUS EDITIONS - THESE FORMS ARE OBSOLETE

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON GC/MUSKWA DOT APT
STATION NAME

57-66
YEARS

APR
MONTH

PAGE 2 1200-1400
HOURS U.S.T.

Temp. F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
47-3		.1	.1															2			2		2	5													
27-1		.2																2			2		2	1													
57-1																								5													
-27-3																								1													
-27-5																								2													
-67-7																								2													
TOTAL	1.215	.415	.815	.715	.017	.714	.2	7.0	2.2	.7	.1						900			900		900	900														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	σ_x^2	Mean No. of Hours with Temperature					Total	
Rel. Hum.	2194996	46476	51.618	8.114	65.83	F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	90
Dry Bulb	1664377	37297	41.411	4.93	24.30		18.0	.5				90
Wet Bulb	1113677	30800	34.2	8.144	66.33		28.7					90
Dew Point	547856	21012	23.3	7.480	55.95	1.0	82.3					90

USAFETAC FORM 0-20-5 (O.L.A.) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER SERVICE/TAC

PSYCHROMETRIC SUMMARY

25218 POST NELSON CG/MUSKWA DET APT

57-66

APR
MONTH

YEARS

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	
74/ 73																						.1													1	1		
72/ 71																						.2													2	2		
70/ 69																					.3		.1		.1									5	5			
68/ 67																			.4															3	3			
66/ 65																			.7		.1													7	7			
64/ 63														.1				.4		.1														6	6			
62/ 61													.9				.9																	16	16			
60/ 59							.1				.2	.4				.9																		12	12			
58/ 57											.6	2.0				.9																		26	26			
56/ 55								.1			1.3	1.7				.2																		30	30			
54/ 53											2.7	2.8				.1																		56	56	2		
52/ 51							.4			1.7	2.1	.8				.1																	46	46	7			
50/ 49							.7			4.6	2.8	.7																					78	78	3			
48/ 47					.2		2.4			5.3	3.2	.1																					106	106	26			
46/ 45		.2			.4		3.4			2.3	1.2																						81	81	26	1		
44/ 43			.2		.4		2.1			1.9	2.9																						65	65	54			
42/ 41			.1		.4		1.9			1.8	.2																						43	43	83	3		
40/ 39			.2		.4		1.8			1.6																							45	45	116	4		
38/ 37		.1	.6		1.0		1.6			.4	.2																						35	35	146	14		
36/ 35			1.3		2.7		1.9			.2	.2																						51	51	111	22		
34/ 33		.2	.7		1.9		.6			.3																							23	23	79	43		
32/ 31		.3	1.2		1.9		.7																										32	32	58	71		
30/ 29			.3		1.9		.2																										19	19	34	98		
28/ 27			1.8		1.2		.4																										31	31	27	98		
26/ 25			1.1		.4		.2																										16	16	36	107		
24/ 23			1.0		.4																												17	17	19	91		
22/ 21			.3		.9																												8	8	20	83		
20/ 19			.6		.1																												6	6	8	77		
18/ 17		.4	.8																														11	11	17	63		
16/ 15			1.0		.2																												11	11	8	32		
14/ 13		.1	.4																														5	5	11	21		
12/ 11		.1	.2																														3	3	5	20		
10/ 9		.1																															1	1	1	17		
8/ 7																																				22		

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

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA OUT APT 57-66

APR 1967

PAGE 2 1500-1700

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								
6/ 5			.2																							2	2		8						
4/ 3			.1																							1	1	3	2						
-4/ -5																														2					
-6/ -7																														1					
TOTAL	1.4	12.2	13.4	13.0	13.1	18.2	14.1	9.4	3.0	.3	.8	.1	.1												900	900	900	900							

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	
Rel. Hum.	2580038	45178	50.218	635	900							90
Dry Bulb	1779256	38682	43.011	394	900	16.3	1.1	.1				90
Wet Bulb	1171001	31691	35.2	7.828	900	24.7						90
Dew Point	561933	21505	23.9	7.313	900	.3	81.3					90

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25210 FORT NELSON BC/HOSEWA DET APT

57-66

APR

STATION

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														
70/ 69										.1	.1							2	2																
68/ 67										.1	.1							2	2																
66/ 65										.1	.1							2	2																
64/ 63										.1	.2	.1						4	4																
62/ 61										.3	.1							4	4																
60/ 59								.1	.4	.2	.1							11	11																
58/ 57								.2	.4	.2								9	9																
56/ 55							.2	1.0	.3	.1								15	15																
54/ 53						.1	.3	1.3	.4	.3								23	23																
52/ 51					.3	1.4	1.9	.3	.3									36	36	3															
50/ 49					.7	2.8	1.2	.7	.7									48	48	3															
48/ 47				.1	2.4	3.2	.9	.1	.1									61	61	9															
46/ 45		.2	.1	1.0	2.9	3.1	.8											73	73	18															
44/ 43		.2	.8	1.9	4.7	2.0	.2											88	88	29															
42/ 41	.1	.3	1.2	3.4	2.8	1.8												87	87	35	4														
40/ 39		.4	2.7	2.2	1.7	.2												65	65	90	2														
38/ 37	.3	1.0	2.7	2.6	1.9													76	76	121	14														
36/ 35	.3	1.3	1.7	1.9	.3	.1												47	48	136	23														
34/ 33	.2	1.0	2.0		.6													38	38	109	35														
32/ 31	.3	1.7	1.8	.4														38	38	76	68														
30/ 29	.2	1.2	1.2	.1														25	25	60	103														
28/ 27	.1	1.6	1.3	.3														32	32	35	117														
26/ 25	.2	1.3	.3	.1														18	18	38	102														
24/ 23	.3	1.7	.2	.1														24	24	21	84														
22/ 21	.3	.7	.2	.1														15	15	27	92														
20/ 19		1.6	.2															16	16	12	69														
18/ 17	.4	.3																7	7	21	53														
16/ 15	.2	.9																10	10	9	30														
14/ 13	.4	.8																9	9	12	26														
12/ 11	.1	.8																8	8	5	20														
10/ 9																				5	23														
8/ 7	.1																	1	1	1	14														
6/ 5	.1	.2																3	3	1	9														
4/ 3	.1	.1																2	2	4	6														
Element (X):	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	> 67 F	> 73 F	> 80 F	> 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218

FORT NELSON HC/MUSKWA DJT APT

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																		
2/ -1																																					1		
0/ -1																																					3		
-2/ -3																																					1		
-4/ -5																																					1		
TOTAL	4.1	17.1	17.3	14.4	18.3	15.2	7.7	3.9	1.2	.7																										900	900	900	900

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	- 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3213067	31098	56.8	18.627	900							
Dry Bulb	1498149	35413	39.3	10.795	900			20.8	.4			90
Wet Bulb	1046353	29879	33.2	7.779	900			32.7				90
Dew Point	559033	21425	23.8	7.383	900	.5	82.2					90

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/1AC

PSYCHROMETRIC SUMMARY

25219 FORT NELSON RC/HUSKWA OUT APT

57-66

APP
MONTH

PAGE 1 2100-2300
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
64/ 63									.1									1	1																
60/ 59								.2										2	2																
58/ 57								.1	.2	.1								4	4																
56/ 55								.1	.2									2	2																
54/ 53								.3	.2									4	5																
52/ 51					.1			.6	.2									8	8																
50/ 49				.1	.4			.8	.1									13	13																
48/ 47				.2	.9			.9	.1									19	19	6															
46/ 45				.4	1.6			1.7	1.0									27	27																
44/ 43			.6	1.3	1.7			2.0	.2									34	34	11															
42/ 41		.3	1.3	2.9	2.0			.2	.2									61	61	13															
40/ 39	.1	.6	2.1	3.3	1.7			.2	.1									72	72	37	1														
38/ 37	.1	2.3	3.7	3.1	1.4			.1										97	97	66	10														
36/ 35	.7	3.4	3.7	2.6	.7													99	99	93	21														
34/ 33	.2	3.0	4.1	1.3	.1													79	79	121	36														
32/ 31	.7	3.6	2.4	.8	.1													71	71	115	58														
30/ 29	.1	3.9	3.4	.4														71	71	100	103														
28/ 27	.3	3.2	1.9	.2														51	51	86	93														
26/ 25	.2	2.8	1.3															39	39	65	120														
24/ 23	.1	2.0	.9															27	27	41	101														
22/ 21	.2	2.0	.1															21	21	30	78														
20/ 19	.6	1.3	.1															18	18	26	64														
18/ 17	.6	1.1	.2															17	17	20	61														
16/ 15	1.1	1.6																24	24	22	39														
14/ 13	.6	.6																10	10	17	28														
12/ 11	.6	.8																12	12	10	18														
10/ 9	.4	.2																6	6	10	24														
8/ 7		.1																1	1	2	8														
6/ 5	.2																	2	2	2	13														
4/ 3	.3	.2																5	5	3	12														
2/ 1		.1																1	1	2	5														
0/ -1																				1	3														
-2/ -3	.1																	1	1	1	1														
-4/ -5																					1														

Element (X)	Zx'	Zx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	
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

2521R FORT NELSON BC/MUSKWA DDT APT 57-66

APR

PAGE 2 2100-2300

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			
-6/-7																																							1
-8/-9																																						1	
TOTAL	7.233	126.2	16.8	10.7	4.4	1.2	.1	.1																													900		
																																					900		
																																					900		
																																					900		

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

Element (X)	ΣX^2	ΣX	R	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	4405152	61424	68.2	15.394	900							90
Dry Bulb	1070994	29830	33.1	9.568	900	.1	37.7					90
Wet Bulb	832626	26484	29.4	7.699	900	.2	55.3					90
Dew Point	532530	20786	23.1	7.639	900	.7	83.2					90

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DATA PROCESSING DIVISION
 USAF ETAC
 41R WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25214 FORT NELSON BC/MUSKWA DUT APT 57-66

YEAR MONTH MAY

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														
68/ 67									.1									1	1																
66/ 64								.1	.1									2	2																
64/ 63								.1	.4									7	7																
62/ 61								.1	.5	.2								8	8																
60/ 59						.2		.3	.2	.2								11	11																
58/ 57				.2		.8		.3	.1	.1								14	14																
56/ 55		.1	.1	.4	1.8	.3		.2										28	28																
54/ 53		.2	.2	.3	.9	1.0	.3	.1										28	28	2	1														
52/ 51	.2	.3	.3	.9	1.1	1.2	.6											43	43	14	3														
50/ 49	.4	.4	.4	1.9	2.0	1.1	.2											65	65	44	6														
48/ 47	.1	1.4	1.1	1.6	1.5	.5	.1											59	59	39	9														
46/ 45	.1	1.7	1.5	1.4	1.1	.3												57	57	49	22														
44/ 43	.3	3.0	2.2	1.6	1.0	.2												77	77	74	36														
42/ 41	.6	3.9	2.8	2.2	1.0	.3												95	95	103	54														
40/ 39	1.0	3.9	2.5	1.6	.5													86	86	96	69														
38/ 37	.6	4.4	2.4	.9	.3													80	80	111	93														
36/ 35	1.3	2.7	1.7	1.3	.1													66	66	100	81														
34/ 33	1.7	3.2	1.7	.6														68	68	85	105														
32/ 31	.9	1.9	1.3	.4														42	42	63	92														
30/ 29	.8	1.9	.4	.3														35	35	58	74														
28/ 27	.9	1.8	.6															31	31	34	65														
26/ 25		1.0	.2															11	11	29	63														
24/ 23	.1	.4	.1															6	6	14	40														
22/ 21	.1	.1	.1															2	2	5	38														
20/ 19	.2	.1	.1															4	4	3	39														
18/ 17	.1																	1	1	4	13														
16/ 15																					5														
14/ 13																					3														
12/ 11	.1																	1	1	1	2														
10/ 9	.2																	2	2	2	3														
8/ 7																					4														
TOTAL	9.8	32.6	19.7	15.7	12.3	5.9	2.5	1.3	.3									930	930	930	930														

USAF ETAC FORM 0-26-5 (OL A) JUL 64 REVISIONS LISTED ON THIS FORM ARE OBSOLETE

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5179272	67372	72.4	17.929	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	1672554	38590	41.5	8.759	930		13.5	.1				93
Wet Bulb	1353829	34887	37.5	6.969	930		21.3					93
Dew Point	1030882	30132	32.4	7.667	930		44.1					93

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA OUT APT
 STATION NAME

57-66
 YEARS

MAY
 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														
62/ 61							.1											1	1																
60/ 59							.1	.1										2	2																
58/ 57							.1											2	2																
56/ 55					.9	.8	.6											21	21																
54/ 53			.1	.8	.2	.4	.1											16	16																
52/ 51		.2	.4	.4	.4	.1	.1											22	22																
50/ 49	.2	.8	.8	1.0	.9	.8	.8											40	40	18	3														
48/ 47	.3	1.6	1.6	1.9	1.0	.1	.1											61	61	42	11														
46/ 45	.4	1.3	1.4	1.7	.8	.1	.1											52	52	44	17														
44/ 43	.3	1.8	2.6	1.4	.9													65	65	46	28														
42/ 41	.8	3.9	1.0	1.6	.6													73	73	81	43														
40/ 39	1.0	4.3	2.6	1.4	.2													88	88	102	69														
38/ 37	1.9	4.2	1.6	1.3	.3													89	89	87	82														
36/ 35	1.5	6.8	2.4	.9														107	107	114	95														
34/ 33	3.6	3.7	2.3	.2														90	90	114	109														
32/ 31	1.2	2.9	2.0	.1														58	59	80	100														
30/ 29	1.1	3.2	1.4	.1														54	54	66	73														
28/ 27	.5	1.8	.8	.1														30	30	54	77														
26/ 25	.4	1.7	.6															26	26	33	75														
24/ 23	.1	.6	.2															9	9	19	42														
22/ 21	.2	.3	.1															6	6	14	30														
20/ 19	.1		.1															2	2	4	33														
18/ 17		.1																5	5	4	11														
16/ 15																				3	14														
14/ 13																					6														
12/ 11																					2														
8/ 7	.2																	2	2	2	3														
6/ 5	.1																	1	1	1	4														
4/ 3																					1														
TOTAL	14.0	39.8	22.2	14.0	6.0	3.3	.5	.1										928	928	928	928														

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5846215	72217	77.7	15.755	929	< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total
Dry Bulb	1450748	35938	38.7	8.074	929		19.4					93
Wet Bulb	1230396	33180	35.8	6.893	928		28.1					93
Dew Point	988418	29460	31.7	7.573	928		47.2					93

USAFETAC FORM 0-26.5 (OL A) 1 JUL 64 REVISIONS LISTED ON THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON BC/MUSKWA OUT APT 57-66

MAY

STATION NAME

YEARS

PAGE 1 0600-0800

HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
64/ 63								.2										3	3																
62/ 61					.1	.4	.3	.4										12	12																
60/ 59					.2	.3	1.0	.1	.1									16	16																
58/ 57				.3	1.1	.9	.3											24	24																
56/ 55		.1	.1	.8	1.1	1.1	.2											44	44	1															
54/ 53		.3	.4	1.2	.8	1.1	.8	.1										43	43	4															
52/ 51		.3	.4	1.4	1.3	1.6	.5											52	52	19	3														
50/ 49		1.1	.6	1.6	2.2	1.7	.5											72	72	32	4														
48/ 47	.1	1.1	1.8	1.9	1.5	.9												68	68	65	14														
46/ 45	.3	1.2	2.2	2.5	1.0	.6												72	72	56	29														
44/ 43	.3	2.7	2.0	2.5	1.3	.3												85	85	95	42														
42/ 41	.4	3.8	.9	.9	1.0													64	64	113	43														
40/ 39	.6	2.2	2.9	1.8	.4													74	74	105	75														
38/ 37	.8	2.6	1.4	1.2	.1													56	56	81	108														
36/ 35	1.3	2.9	1.6	1.3	.1													67	67	92	78														
34/ 33	2.2	2.8	1.2	.8														64	64	82	103														
32/ 31	1.0	1.6	1.3	.1														37	37	58	82														
30/ 29	.4	1.4	1.0															31	31	44	86														
28/ 27	.2	1.2	.3															16	16	38	62														
26/ 25	.2	.3	.8															14	14	14	60														
24/ 23	.1	.2	.3															6	6	11	51														
22/ 21	.1	.2	.1															4	4	12	33														
20/ 19			.1															1	1	2	20														
18/ 17	.2	.1																3	3	4	14														
16/ 15	.1																	1	1	1	11														
14/ 13																					4														
12/ 11	.1																	1	1	1	5														
10/ 9																					2														
6/ 5																					1														
TOTAL	8.6	26.7	19.4	18.2	11.8	9.6	4.5	1.1	.1									930	930	930	930														

Element (X)	Zx'	Zx	X	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	4829919	64821	69.7	18.323	930							
Dry Bulb	1783050	39864	42.9	8.943	930		11.4					93
Wet Bulb	1411319	35641	38.3	6.993	930		18.5					93
Dew Point	1047004	30388	32.7	7.638	930		43.1					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

2521A FORT NELSON BC/MUSKWA BUT APT 57-66 MAY
 STATION NAME YEARS MONTH
 PAGE 1 0900-1100
 HOURS U.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		
76/ 73																																			4	4		
74/ 72																																			6	6		
72/ 71																																			13	13		
70/ 69																																			11	11		
68/ 67																																			18	18		
66/ 65																																			33	33		
64/ 63																																			37	38		
62/ 61																																			55	55		
60/ 59																																			47	47		
58/ 57																																			66	66		2
56/ 55																																			84	84		21
54/ 53																																			63	63		37
52/ 51																																			65	65		56
50/ 49																																			62	62		77
48/ 47																																			50	50		70
46/ 45																																			51	51		97
44/ 43																																			54	54		121
42/ 41																																			27	27		117
40/ 39																																			32	32		67
38/ 37																																			29	29		67
36/ 35																																			36	36		66
34/ 33																																			27	27		32
32/ 31																																			26	26		32
30/ 29																																			17	17		29
28/ 27																																			8	8		18
26/ 25																																			2	2		8
24/ 23																																			3	3		9
22/ 21																																			1	1		1
20/ 19																																			2	2		3
18/ 17																																						
16/ 15																																						
14/ 13																																						
12/ 11																																						
6/ 5																																						

Element (X)	Zx'	Zx	X	σx	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
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

PSYCHROMETRIC SUMMARY

25210 FORT NELSON BC/MUSKWA BUT APT 57-66 MAY
STATION STATION NAME YEARS MONTH
 PAGE 2 0900-1100
HOURS T.C. 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	2.2	14.3	10.6	12.3	10.4	11.6	14.0	12.2	7.4	3.2	1.1	.4																								930	930	930	930																							

USAFETAC FORM 24 JUL 64 NORM 0 26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	σ_x	No. Obs.	Mech. No. of Hours with Temperature						Total
Rel. Hum.	3127814	50140	53.9	21.378	930	* 0 F	* 32 F	* 67 F	* 73 F	* 80 F	* 93 F	93
Dry Bulb	2492464	47080	50.6	10.837	930		5.9	5.2	1.0			93
Wet Bulb	1703093	39235	42.2	7.176	930		10.0					93
Dew Point	1036259	30179	32.5	8.032	930		45.9					93

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON PC/MISKNA DDT APT

57-66

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
84/ 83													.1					1	1																
82/ 81													.1			.1		2	2																
80/ 79											.2		.1		.3			6	6																
78/ 77											.4		.4		.4			14	14																
76/ 75											.4		.1		.4			15	15																
74/ 73											.1		.1		.8			15	15																
72/ 71									.1		.3		.6		1.2			26	26																
70/ 69									.3		1.7		1.2		.8			38	38																
68/ 67									.1		.8		1.1		.8			32	32																
66/ 65									.3		1.0		1.2		2.4		.8	52	52																
64/ 63									.2		.8		1.5		1.6			46	46																
62/ 61									.3		1.2		2.2		.4			72	72	2															
60/ 59				.4	.6	.1	1.2	1.7	2.2	.2								60	60	2															
58/ 57	.1	.1	.2	.4	.6	.6	1.6	2.9	1.1	.1								73	73	11															
56/ 55		.4	.4	.6	1.6	.9	2.0	1.8	1.2									73	73	39	1														
54/ 53		.4	.2	1.2	1.3	1.2	1.1	.2										52	52	57	1														
52/ 51	.2	.4	.4	1.2	1.4	1.3	1.3											53	53	59	3														
50/ 49	.4	.4	1.0	.6	1.0	.4	.2											36	36	84	2														
48/ 47	.4	.4	1.0	1.2	1.1	.3	.2											47	47	107	11														
46/ 45	.4	.4	1.0	.3	.1	.3												25	25	134	22														
44/ 43	.4	.4	1.0	.3	.2													31	31	102	31														
42/ 41	.4	1.0	.6	1.0	.1													29	29	73	52														
40/ 39	.1	1.0	.6	.8	.4													35	35	64	70														
38/ 37	.3	.6	.4	.4	.1	.1												22	22	69	86														
36/ 35	.3	1.0	.4	1.0	.4													32	32	28	80														
34/ 33	.3	.6	.4	.4	.2													20	20	41	80														
32/ 31	.1	1.0		.2														12	12	26	81														
30/ 29	.1																	1	1	21	82														
28/ 27																				5	67														
26/ 25	.1																	1	1	4	70														
24/ 23	.2																	2	2	3	59														
22/ 21	.2																	3	3	3	51														
20/ 19																					21														
18/ 17																					19														
Element (X)	Σx	Σx^2	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						< 0 F	> 32 F	> 67 F	> 73 F	> 80 F	> 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (10-61) REPORT PREPARED BY THE WEATHER SERVICE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON LC/AFWSWA DTG APT 57-66

MAY
MONTH

PAGE 2 1200-1400
HOURS U.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																
10/ 15																																				17	
14/ 13																																					15
12/ 11																																					1
10/ 9																																					3
8/ 7																																					3
6/ 5																																					2
TOTAL	1.2	8.1	6.8	10.1	8.9	11.5	11.2	13.4	13.4	11.9	8.2	5.8	2.9	1.3	.1																				930	930	930

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						< 0 F	< 32 F	> 67 F	> 73 F	> 80 F		> 93 F
Rel. Hum.	2291511	41803	44.92	1.072	930							93
Dry Bulb	2760794	51352	55.21	1.613	930	1.9	15.3	5.7	.4			93
Wet Bulb	1555424	41026	44.1	1.7006	930	6.2						93
Dew Point	984448	29282	31.5	0.201	930	49.1						93

USAFETAC FORM 0-26.5 (O-C-A) 100-84 REEDED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/3AC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA BDT APT

57-66

JAN

PAGE 1 1500-1700

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
88/ 87																																		1	1		
86/ 85																												.1	.1					2	2		
84/ 83																																		1	1		
82/ 81																										.3	.2							6	6		
80/ 79																					.1	.5			.6	.2							17	12			
78/ 77																			.1	.8	.2			.6	.2								18	18			
76/ 75																				1.1	.5			.4	.2								19	19			
74/ 73																				1.4	.9												21	21			
72/ 71														.1	.2	.5					.9	.6											22	22			
70/ 69															1.1	.5					1.0	.5											32	32			
68/ 67																1.5	.4				1.8												44	44			
66/ 65								.1	.1	.3	.8				1.2	1.8	.3				.3												43	43			
64/ 63							.1	.5	.2	1.6	2.9	2.4				2.4	.2				.2												78	78			
62/ 61				.1	.2	.4	.2	.9	1.1	2.3	2.2	1.5				1.5	.2				.2												78	78			
60/ 59				.2	.4	.2	.9	1.0	1.5	1.6																							51	51	7		
58/ 57		.2	.2	.2	.4	.2	.9	1.1	1.8	1.7	1.0					.2																	67	67	18		
56/ 55		.2	.1	.2	.4	.2	.9	1.1	1.8	1.7	.9																						54	54	36	3	
54/ 53				.1	.2	.4	.9	1.1	1.1	1.5	1.9	.2																					63	63	73	1	
52/ 51		.3	.2	1.6	.9	.8	.4	.8	.9	.5																							48	48	73	5	
50/ 49		.5	.4	1.3	1.4	1.3	.9	.6																									60	60	79	7	
48/ 47		.6	.2	.9	.8	.4	.3	.3																									24	24	127	13	
46/ 45	.1	.2	.2	.3	.3	.3	.3	.3	.3																								17	17	119	25	
44/ 43	.1	.9	.7	.8	1.4	.2	.2	.2																									38	38	81	35	
42/ 41	.1	.6	.3	1.2	.9	.2	.2	.2																									31	31	79	48	
40/ 39	.1	1.2	1.1	.6	.2	.2																											30	30	67	70	
38/ 37	.1	1.0	.4	.5	.4	.1																											24	24	46	81	
36/ 35	.3	.5	.9	.4	.1																												19	19	50	85	
34/ 33	.1	.6	.3	.1																													11	11	27	79	
32/ 31	.2	.6	.3																														8	8	22	90	
30/ 29		.2																															2	2	19	58	
28/ 27																																					68
26/ 25																																				1	70
24/ 23		.4																															4	4	1	61	
22/ 21		.2																															2	2	5	39	
Element (X)	Σ x'		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total																				
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 (REV. 61) (SEE INSTRUCTIONS) (SEE INSTRUCTIONS)

2

FACILITY: ...
 NAME: ...
 ADDRESS: ...

PSYCHROMETRIC SUMMARY

PERIOD: ...

57-66

YEARS

DAY MONTH

PAGE 2 1500-1700

HOURS

Element (X)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	1	2	3	4	5	6	7	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			
20/ 13																																					32	
18/ 17																																					21	
16/ 15																																					18	
14/ 13																																					13	
12/ 11																																					6	
10/ 9																																					2	
TOTAL	1.2	8.1	4.8	8.7	10.6	8.4	9.4	13.7	12.7	8.9	7.7	3.3	1.8	.8	.4																				930	930	930	930

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	2181282	40532	43.62	1.130	930							
Dry Bulb	3107079	32607	56.61	1.659	930		1.6	17.8	8.0	1.3		93
Wet Bulb	1918053	41739	44.9	6.943	930		4.8					93
Dew Point	1005742	29570	31.8	8.400	930		47.8					93

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

2

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON BC/MUSKWA DUT APT
STATION STATION NAME

57-66
YEARS

MAY
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																																			2	2		
82/ 81																																			2	2		
80/ 79																																			2	2		
78/ 77																																			7	7		
76/ 75																																			17	17		
74/ 73																																			15	15		
72/ 71																																			25	25		
70/ 69																																			23	23		
68/ 67																																			37	32		
66/ 65																																			36	36		
64/ 63																																			50	50		
62/ 61																																			63	63		
60/ 59																																			64	64	2	
58/ 57																																			56	56	12	2
56/ 55																																			71	71	35	2
54/ 53																																			48	48	62	3
52/ 51																																			76	76	65	4
50/ 49																																			59	59	76	8
48/ 47																																			49	49	107	16
46/ 45																																			43	43	119	27
44/ 43																																			30	30	98	47
42/ 41																																			41	41	74	59
40/ 39																																			25	25	81	59
38/ 37																																			29	29	54	106
36/ 35																																			25	25	51	97
34/ 33																																			17	17	41	95
32/ 31																																			13	13	20	65
30/ 29																																			3	3	13	65
28/ 27																																			1	1	10	60
26/ 25																																					3	54
24/ 23																																			4	4	1	51
22/ 21																																			2	2	6	31
20/ 19																																						29
18/ 17																																						26
Element (X)	Σ x'	Σ x	̄x	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																											
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/14C

PSYCHROMETRIC SUMMARY

25218 FT. NELSON BC/MUSKWA DUT APT 57-66

YEARS MONTH

PAGE 2 1800-2000
 HOURS ...

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
16/ 15																																					15	
14/ 13																																					7	
12/ 11																																					4	
10/ 9																																					3	
8/ 7																																					1	
6/ 5																																					1	
TOTAL	2.6	9.0	8.1	11.4	10.5	11.5	12.7	11.3	9.8	5.5	4.7	1.9	2.4	.5																					930	930	930	930

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	2669809	45593	49.02	21.630	930							93
Dry Bulb	2829376	30226	34.01	11.215	930		2.3	12.5	4.5	.4		93
Wet Bulb	1846998	40930	44.0	7.009	930		5.3					93
Dew Point	1065370	30464	32.8	8.522	930		41.2					93

USAFETAC FORM 0 26 5 (O-L A) REVID-MAY 65 EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/HUSKWA DUT APT
STATION NAME

57-66
YEARS

MAY
MONTH

PAGE 1 2100-2300
HOURS U.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						
72/ 71																																					4	4					
70/ 69																																					5	5					
68/ 67																																						14	14				
66/ 65																																						16	16				
64/ 63																																						21	21				
62/ 61																																						23	23				
60/ 59																																						29	29				
58/ 57																																						40	40				
56/ 55																																						41	41	12	3		
54/ 53																																						66	66	27	3		
52/ 51																																						65	65	36	1		
50/ 49																																						77	77	59	13		
48/ 47																																						76	76	68	19		
46/ 45																																						73	73	97	36		
44/ 43																																						79	79	104	46		
42/ 41																																						53	53	103	68		
40/ 39																																						49	49	84	81		
38/ 37																																						49	49	96	102		
36/ 35																																						49	49	65	85		
34/ 33																																						34	34	66	89		
32/ 31																																						27	27	36	80		
30/ 29																																						20	20	31	77		
28/ 27																																						8	8	18	63		
26/ 25																																						4	4	12	44		
24/ 23																																						1	1	8	34		
22/ 21																																						2	2	2	25		
20/ 19																																						3	3	4	22		
18/ 17																																								1	1	13	
16/ 15																																							1	1	1	13	
14/ 13																																										3	
12/ 11																																										5	
10/ 9																																										4	
8/ 7																																										1	

Element (X)	Σ x'	Σ x	\bar{x}	s _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

25218 FORT NELSON AC/MUSKWA DDT APT 57-66

JUN

STATION NAME

YEARS

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															
70/69							.1		.1								.1															2	2			
68/67					.1			.1		.1																						4	4			
66/65					.1	.1		.1	.1	.1																					5	5				
64/63					.3	.3		.2	.1	.3																					12	12				
62/61		.4	.3		.2	1.1	1.1	.3	.1																					33	33	3	2			
60/59		.2	1.0	1.0	1.0	1.0	1.0	.8	.2																					50	50	4	2			
58/57		.6	1.6	1.7	.9	.2	.4	.7																						48	48	12	3			
56/55	.4	3.2	2.4	2.8	1.6	.4	.7																							107	107	38	11			
54/53	.8	5.7	3.7	2.1	1.2	.3	.1																							123	123	91	36			
52/51	.9	5.7	3.0	1.3	1.3	.7	.1																							117	117	118	84			
50/49	1.1	4.4	3.2	1.4	.2	.3																								97	97	136	95			
48/47	.8	3.2	2.7	1.4	.2																									75	75	113	86			
46/45	1.3	4.0	2.7	.8	.3																									82	82	104	112			
44/43	1.0	3.0	1.9																											53	53	108	100			
42/41		3.4	.8																											38	38	66	105			
40/39	.8	1.8	.4																											27	27	59	77			
38/37	1.2	.6																												16	16	35	71			
36/35	.1	.4																												5	5	6	55			
34/33	.3	.2																												5	5	4	29			
32/31	.1																													1	1	3	15			
30/29																																		6	6	
28/27																																		6	6	
26/25																																		5	5	
TOTAL	8.7	16.9	23.7	13.3	8.3	4.9	2.9	1.2	.1																								900	900	900	

USAFETAC FORM 0-265 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total
Rel. Hum.	5777395	70705	78.6	15.740	900							
Dry Bulb	2368926	43816	50.9	6.379	900		.1	.6				90
Wet Bulb	2032700	42514	47.2	5.213	900		.3					90
Dew Point	1764587	39461	43.8	6.188	900		3.2					90

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2521R FORT NELSON BC/MUSKWA DUT APT 57-66

JUN
MONTH

PAGE 1 0300-0900
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															
68/ 67						.1			.1																							1	1		
66/ 65						.1			.1			.3																				5	5		
62/ 61			.2		.1	.6			.1																						9	9			
60/ 59	.2	.3	.3		.3	.4			.1																						16	16	2	2	
58/ 57	.1	.6	.4		.4	.4			.2		.6																				26	26		2	
56/ 55		1.4	1.4		1.3	.3			.4		.3	.1																			49	49	12	5	
54/ 53	1.2	4.9	2.4		2.8	.7			.7		.3																				117	117	53	22	
52/ 51	1.6	6.4	4.2		1.4	.4			.6																						132	132	87	61	
50/ 49	1.4	6.7	3.8		1.2	.2			.4																						124	124	129	88	
48/ 47	.9	4.7	3.7		.7	.1																									90	90	121	99	
46/ 45	.6	4.9	2.4		.8																										78	78	107	99	
44/ 43	2.7	4.3	1.4		.1																										81	81	124	97	
42/ 41	2.3	3.3	1.2		.3																										65	65	98	121	
40/ 39	1.7	2.8	1.0		.1																										50	50	65	89	
38/ 37	.7	2.7																													30	30	37	68	
36/ 35	1.0	1.1																													19	19	43	58	
34/ 33	.2	.1																													3	3	9	47	
32/ 31	.3	.2																													5	5	4	21	
30/ 29																																		1	11
28/ 27																																			9
26/ 25																																			1
TOTAL	14.9	44.4	23.2	9.7	3.3	2.7	1.2	.4	.1																						900	900	900	900	

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	6395268	74864	83.2	13.667	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2124302	43384	48.2	6.039	900		.5	.1				90
Wet Bulb	1890359	40973	45.5	5.278	900		.5					90
Dew Point	1688661	38603	42.9	6.033	900	4.2						90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DQT APT

57-66

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS - U.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	1																
72/ 71										.1								1	1																
70/ 69					.1			.1		.1								3	3																
68/ 67						.2		.1		.1								3	3																
66/ 65			.1	.2	.3			.4		.1								12	12																
64/ 63		.1	.2	.3	.4	.5		.6		.1								27	27																
62/ 61		.2	.5	1.0	1.0	1.0	.3	.2		.1								49	49	3	1														
60/ 59		.1	1.0	2.0	2.0	1.8	.3	.7		.1								71	71	7	2														
58/ 57		.9	2.3	2.1	2.4	.8		.4										81	81	18	6														
56/ 55	.2	3.3	3.0	4.2	2.6	.8	.6	.2										134	134	53	13														
54/ 53	.8	4.4	3.0	2.9	1.7	.7	.1	.1										123	123	110	38														
52/ 51	.7	2.7	4.2	2.1	1.3	.6	.2											106	106	123	81														
50/ 49	.9	2.1	3.7	2.4	.6	.1												88	88	150	89														
48/ 47	.8	3.0	2.1	1.1	.2													65	65	120	96														
46/ 45	.4	2.1	2.2	1.3														55	55	115	129														
44/ 43	1.0	.9	1.2															28	28	79	109														
42/ 41	.8	1.7	.7															28	28	70	95														
40/ 39	.3	.4	.4															11	11	26	80														
38/ 37		.7																6	6	15	61														
36/ 35	.3	.1																4	4	7	38														
34/ 33	.2																	2	2	2	28														
32/ 31	.2																	2	2	2	15														
30/ 29																					9														
28/ 27																					5														
26/ 25																					3														
24/ 23																					2														
TOTAL	6.7	22.8	24.6	20.1	13.3	7.3	2.6	2.0	.6	.1									900	900	900														

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	5140778	66486	73.9	15.968	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2559691	47669	53.0	6.228	900		.2	.8	.1			90
Wet Bulb	2122917	43483	48.3	4.932	900		.2					90
Dew Point	1787447	39731	44.1	6.104	900		3.4					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

25218 FORT NELSON RC/MUSKWA DDT APT

57-66

JUN

PAGE 1 0900-1100

Time Mo/Day	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. Wet Bulb	Dry Bulb	Wet Bulb	Dew Point														
80/79																		2	2																
78/77																		3	3																
76/75					.1													15	15																
74/73						.1	.6	.2										19	19																
72/71							.1	.9	2.1									34	34																
70/69					.1	.3	1.1	.9	1.2	1.4	1.1							56	56	1															
68/67					.4	.7	1.6	1.7	2.1	1.4	.3							74	74																
66/65						1.0	2.3	2.6	1.3	1.3	.3							80	80	1	1														
64/63				.1	.7	2.3	2.8	1.1	1.7	1.0	.2							89	89	1	1														
62/61				.6	1.9	2.2	2.7	2.8	1.0	1.0	.1							115	115	16	1														
60/59		.1	1.3	1.6	2.0	2.0	1.2	.8										85	85	36	4														
58/57		.6	1.2	1.6	2.1	1.3	.4	.7	.2									73	73	97	4														
56/55		1.2	1.6	1.1	1.3	1.3	.8	.2										68	68	119	31														
54/53		1.1	1.4	1.4	.9	.9	.2											54	54	138	44														
52/51	.1	.6	1.6	1.3	.6	.2	.2											41	41	128	81														
50/49		.9	.8	1.3	.3													30	30	113	81														
48/47	.3	1.4	.4	.6	.1													26	26	96	98														
46/45		.4	.7	.1	.1													12	12	68	120														
44/43		.4	.1	.1														6	6	43	68														
42/41	.1	.7																7	7	22	95														
40/39		.9	.1															9	9	13	80														
38/37																				3	61														
36/35		.2																2	2	1	38														
34/33																				2	31														
32/31																					23														
30/29																					18														
28/27																					11														
26/25																					7														
24/23																					3														
TOTAL	.6	8.6	9.9	12.2	14.2	16.3	13.0	12.2	8.2	4.0	.6	.2					900	900	900	900															

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3223251	51349	57.1	18.071	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3347430	54464	60.5	7.370	900			20.3	3.9			90
Wet Bulb	2411824	46366	51.5	5.075	900			.1				90
Dew Point	1777673	39497	43.9	7.022	900		6.2					90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25219 FORT NELSON BC/MUSKWA DUT APT

57-66

JUN

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
84/83										.1								10	10																
82/81									.1	.1	.1	.1	.2	.2				8	8																
80/79									.2	.3	.6	.3	.1					14	14																
78/77									.4	.9	.8	.7	.2					26	26																
76/75									.4	1.4	1.4	.3						39	39																
74/73								.1	.3	.6	1.4	2.0	.2					58	58																
72/71								.3	1.0	1.2	2.7	1.6	2.0	.6				84	84																
70/69				.2	.1	.8	1.2	2.8	2.0	2.4								94	94																
68/67			.1	.4	1.3	1.8	2.7	2.3	1.4	.3								94	94																
66/65			.1	.4	.8	1.8	1.7	2.2	2.1	1.0								89	89	3															
64/63			.2	.9	1.8	1.8	2.1	1.3	.3									78	78	13															
62/61		.1	.3	1.2	.8	1.0	.7	.6	.9	.2								52	52	17	2														
60/59		.6	.8	.4	.7	.8	.6	1.1	.6									49	49	69	4														
58/57		.3	1.1	1.2	.3	1.1	.7	.9	.2									52	52	110	15														
56/55	.1	.6	.3	1.0	.9	.8	.4	.1										38	38	148	19														
54/53		.8	1.4	.8	.6	.1	.1											34	34	141	40														
52/51		1.3	.8	.3	.3	.1												26	26	117	54														
50/49	.1	.6	.7	.4	.2	.2												19	19	111	67														
48/47	.2	.3	.4	.4	.1													14	14	64	84														
46/45		.8	.1	.2														10	10	53	100														
44/43		.4	.7	.2														8	8	30	85														
42/41		.1	.1															2	2	15	76														
40/39	.1																	1	1	6	94														
38/37																				1	62														
36/35																				1	61														
34/33																					36														
32/31																					40														
30/29																					76														
28/27																					16														
26/25																					10														
24/23																					7														
22/21																					1														
TOTAL	.6	5.9	6.5	7.3	5.9	10.2	10.7	14.7	14.6	11.2	7.9	2.7	1.4	.4				899	899	899	899														
Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum	2357616	42714	47.5	19.116	899	< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	90																							
Dry Bulb	3856203	58393	65.0	8.402	899			42.7	15.5	2.7		90																							
Wet Bulb	2528973	47473	52.8	4.960	899							90																							
Dew Point	1675784	38214	42.5	7.567	899		10.0					90																							

USAFETAC FORM 0-26 5 (OL A) REVISION 1-65 (REVISED 1-65) (1-65) (1-65)

2

DATA PROCESSING DIVISION
USAF ETAS
AIR WEATHER SERVICE/AAC

PSYCHROMETRIC SUMMARY

2521R FORT NELSON AC/MUSKWA DIT APT 57-66

JUN
MONTH

PAGE 1 1500-1700
HOURS ... 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															
86/ 85															.1																	1	1		
84/ 83													.4										.1	.7	.7							17	17		
82/ 81													.2										.8	.2	.2	.1						14	14		
80/ 79													.1		.6								.2	.8								15	15		
78/ 77								.2				.1	.4	.7	1.4	1.2	1.2	.3														41	41		
76/ 75								.2		.2	.4	.7	1.4	1.2	1.8	1.1	1.1															55	55		
74/ 73							.2			1.4	1.4	2.2	1.2	1.9	1.3	1.3	.3															84	84		
72/ 71						.1	.1	.7	.6	2.6	1.9	1.2	1.2	.4																		70	70		
70/ 69					.2	.9	.7	1.6	2.7	1.3	1.0																					75	75		
68/ 67				.1	.3	1.4	1.6	1.4	2.2	1.0	.8																					80	80	2	
66/ 65		.2	.1	.2	1.1	1.2	1.7	2.1	1.9	.6																						82	82	9	
64/ 63			.1	.4	1.1	1.1	.8	1.2	1.1	.4																						57	57	6	
62/ 61		.1	1.3	.7	1.0	1.1	1.6	.4	.8	.3																						66	66	21	
60/ 59		.8	.6	1.1	1.0	1.0	1.2	1.0	.2	.1																						63	63	81	
58/ 57	.2	.4	1.0	.7	.6	.7	.4	.6																								41	41	131	
56/ 55		.8	.6	.8	.9	1.0	.1																									37	37	141	
54/ 53		.7	.9	.4	.7	.4																										28	28	139	
52/ 51		.7	.9	.3	.8																											24	24	118	
50/ 49		.8	.4	.1																												16	16	98	
48/ 47		.7	.3	.2																												11	11	62	
46/ 45	.1	.8	.4	.1	.2																											15	15	58	
44/ 43		.2																														2	2	18	
42/ 41		.1																														1	1	7	
40/ 39	.1	.1																														2	2	6	
38/ 37																																			
36/ 35																																			
34/ 33																																			
32/ 31																																			
30/ 29																																			
28/ 27																																			
26/ 25																																			
24/ 23																																			
20/ 19																																			
18/ 17																																			
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) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA INT APT 57-66

JUN

PAGE 2 1500-1700

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	.4	6.4	7.1	5.2	8.2	9.3	9.4	10.9	14.4	10.1	9.4	3.7	2.3	1.0	.1		897	897	897	897															
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	2340711	42137	47.02	20.08	897	< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	90																							
Dry Bulb	3061027	59093	65.9	8.716	897			45.4	72.8	3.9		90																							
Wet Bulb	2569747	47815	53.3	4.835	897			.2				90																							
Dew Point	1091100	38336	42.7	7.669	897		9.7					90																							

USAFETAC FORM 0 26 5 (01 A) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR ENTER SERVICE/AC

PSYCHROMETRIC SUMMARY

25214 PORT NELSON PC/BUSRWA DBT APT
STATION NAME

57-66

YEARS

JUN
MONTH

PAGE 1 1800-2000
NO. OF RECORDS

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	.2																				3	3							
82/ 81												.1	.2	.3																				6	6						
80/ 79												.1	.1	.1	.1																			6	6						
78/ 77												.1	.6	.2	.1																			26	26						
76/ 75												.1	.7	.8	.3	.1																		27	27						
74/ 73												.1	.3	1.1	1.4	1.9	1.3																	60	60						
72/ 71						.1	.1	.1	.7	1.3	1.4	1.3	1.3	.9	.2																			60	60						
70/ 69				.1	.1	.8	1.8	1.4	2.1	1.8	.4																								77	77					
68/ 67			.3		.8	.6	1.9	2.1	1.7	1.0	.3																									78	78				
66/ 65			.2		.3	.4	1.4	2.0	1.7	1.6	.4																									76	76	4			
64/ 63				.1	.8	1.3	1.7	1.6	1.6	.8	.3																										73	73	4	5	
62/ 61				.3	1.9	1.2	1.9	1.2	.4	.8	.1																										71	71	15	3	
60/ 59			.6	.4	1.0	1.2	.9	.9	.9	.2																											58	58	71	2	
58/ 57	.1	2.1	1.7	1.1	1.8	1.6	1.0	.6	.1																												86	86	108	10	
56/ 55		1.9	.6	1.6	.9	1.0	.6	.1																													59	59	135	38	
54/ 53	.2	1.0	1.0	.7	.4	.3																															33	33	162	51	
52/ 51	.2	1.1	.7	1.0	.6	.2																															34	34	117	65	
50/ 49	.1	1.3	.1	.6	.1																																20	20	107	84	
48/ 47	.2	1.3	.6	.3	.1																																22	22	74	91	
46/ 45		.2	.6	.3																																	10	10	52	104	
44/ 43	.1	.3																																			4	4	28	94	
42/ 41	.1	.1																																			2	2	8	79	
40/ 39	.2	.4																																			6	6	9	71	
38/ 37																																								56	
36/ 35																																								47	
34/ 33																																								33	
32/ 31																																								29	
30/ 29																																								15	
28/ 27																																								12	
26/ 25																																								5	
24/ 23																																								2	
22/ 21																																								1	
20/ 19																																								1	

Element X	ΣX	ΣX^2	\bar{X}	s_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 (10-67) (REV. 11-65) (10-67) (10-67)

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25210 POINT WELSON BC/MUSKWA DUT APT 57-66

JUN

PAGE 2 1800-2000

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	1.3	1.0	6.5	9.8	9.2	10.6	11.9	11.0	8.7	5.2	1.9	1.2	.1					898	898	898	898														
[Empty grid for data entry]																																			
Element (X)	ΣX	ΣX^2	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Ref. Hum.	26945	48076	53.52	21.001	898	< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	90																							
Dry Bulb	3658049	36821	63.3	8.360	898			34.5	12.9	1.3		90																							
Wet Bulb	252149	47390	52.8	4.791	898							90																							
Dew Point	1788330	39536	44.0	7.291	898		6.5					90																							

USAFETAC FORM 0 26 5 (O, A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAL

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DHT APT 57-66

JUN
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																	
76/ 75									.1	.1								2		2																			
74/ 73									.1	.1								4		4																			
72/ 71									.1	.3	.2	.2						7		8																			
70/ 69					.2			.1	.4	.9	.3	.1						19		19																			
68/ 67		.1			.4			1.0	.2	1.0	.4							29		29																			
66/ 65		.1	.1	.8	1.2	1.4	1.3	1.6	.2	.1								62		62		2	1																
64/ 63		.1	.1	.4	1.4	2.1	1.3	.8										57		57		4	1																
62/ 61		.1	.7	1.7	1.9	1.6	.9	.7										67		67		2	4																
60/ 59		.7	1.9	1.7	3.1	2.3	1.0	.6										98		98		17	1																
58/ 57	.1	2.1	2.0	2.0	2.4	1.7	.6	.1										99		99		59	8																
56/ 55	.2	3.8	2.4	2.8	1.2	1.1	.9	.6										117		117		113	41																
54/ 53	.8	3.0	2.4	3.6	1.0	.7	.6											107		107		132	58																
52/ 51	.6	2.1	1.3	1.4	.9	.3	.1											61		61		144	84																
50/ 49	.4	2.4	2.9	.6	.4	.1												59		59		130	101																
48/ 47	.4	1.4	1.3	1.1	.1													40		40		94	104																
46/ 45		2.6	1.1	.1														34		34		85	110																
44/ 43	.1	1.3	.4															17		17		54	103																
42/ 41		.8	.2															8		8		38	97																
40/ 39	.4	.4																8		8		19	31																
38/ 37	.1	.2																3		3		4	58																
36/ 35	.1																	1		1		1	31																
34/ 33																							19																
32/ 31																							17																
30/ 29																							7																
28/ 27																							7																
26/ 25																							2																
TOTAL	3.371	3.318	4.16	3.14	3.12	2.1	7.4	6.8	1.4	.7								900		900		900	900																

Element X	Σx	Σx^2	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4531194	61744	68.6	18.123	900	< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	Total
Dry Bulb	2716792	50868	36.5	6.813	900			6.2	.6			90
Wet Bulb	2312265	45403	30.4	4.923	900							90
Dew Point	1884800	40776	45.3	6.448	900				3.3			90

USAFETAC FORM 0 26 5 (CL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2521R FORT NELSON BC/MUSKWA DUT APT 57-66 JUL
STATION STATION NAME YEARS MONTH
PAGE 1 0000-0200
HOURS U.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														
76/ 75								.1										1	1																
72/ 71								.3										1	1																
70/ 69								.3										9	9																
68/ 67						.2		.1		.2								5	5																
66/ 65					.2	.4		.6		.3								16	16																
64/ 63		.1	1.2	1.6	1.1	1.6		.4		.1								56	56																
62/ 61	.1	1.2	1.8	1.6	1.2	.9		.2		.2								65	65	5	1														
60/ 59	.3	4.0	3.3	2.2	1.4	1.0		.3										118	118	47	17														
58/ 57	1.3	4.8	3.8	1.9	1.7	.9		.1										135	135	101	54														
56/ 55	1.0	6.9	3.2	3.1	1.1	.1												143	143	138	94														
54/ 53	1.3	8.3	3.4	1.6	.4													142	142	159	105														
52/ 51	2.3	6.6	1.9	.5	.3													108	108	177	151														
50/ 49	1.8	4.3	1.6	.1														73	73	159	157														
48/ 47	1.1	1.7	.8	.2														35	35	87	125														
46/ 45	.2	.9	.1															11	11	29	92														
44/ 43	.1	.9	.1															10	10	18	49														
42/ 41	.1																	1	1	9	51														
40/ 39		.1																1	1	1	23														
38/ 37																					4														
36/ 35																					7														
TOTAL	9.8	39.9	21.3	13.1	7.8	5.5	2.0	.5										930	930	930	930														

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

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6352555	75713	81.4	14.249	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2717455	51885	55.8	4.951	930			1.6	.1			93
Wet Bulb	2564722	48702	52.4	3.925	930							93
Dew Point	2320667	46237	49.7	4.854	930							93

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FTPT NELSON BC/MUSKWA DJT APT 57-66

JUL
MONTH
PAGE 1 0300-0500
HOURS T.O.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														
68/67					.1													1	1																
66/65					.1	.3	.2	.1										7	7																
64/63				.3	.6	.2	.6											17	17																
62/61		.3	.8	.9	.8	.4												29	29																
60/59	.4	1.2	2.3	.9	1.0	.6	.1											60	60	10	5														
58/57	1.0	6.2	2.4	1.4	.4	.2												108	108	50	26														
56/55	3.3	8.4	3.5	2.0	1.2	.1												173	173	132	92														
54/53	1.5	7.7	3.2	1.3	.3													131	131	144	98														
52/51	2.8	8.6	3.8	.8														146	146	156	124														
50/49	3.0	6.7	1.8	.6														113	113	186	157														
48/47	2.2	4.2	1.8	.2														78	78	115	153														
46/45	1.0	2.2	.2															31	31	72	103														
44/43	.5	1.8																22	22	37	80														
42/41	.4	.9																10	10	21	49														
40/39	.2	.1																3	3	5	32														
38/37	.1																	1	1	2	10														
36/35																					1														
TOTAL	16.248	119.8	8.4	4.5	1.9	1.0	.1											930	930	930	930														

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6796456	79894	85.9	11.963	930	< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	Total
Dry Bulb	2657233	49519	53.2	4.701	930			.1				93
Wet Bulb	2413608	47230	50.8	4.023	930							93
Dew Point	2237211	45411	48.8	4.621	930							93

USAF ETAC FORM 0-26.5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT 57-66 JUL
 STATION NAME YEARS MONTH
 PAGE 1 0600-0800
 HOURS PERIOD

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
76/75											.1																					1	1			
74/73								.1	.1																							2	2			
72/71								.2	.3																							6	6			
70/69						.1	.2	.4	.4		.1	.3																				15	15			
68/67					.4	1.1	1.1	.5	.2	.5																						26	26			
66/65				.3	1.3	1.6	1.2	.4	.3																							48	48			
64/63		.2	1.1	1.4	1.4	1.5	1.1	1.0	.5																							62	62	3		
62/61		.3	2.4	3.3	2.8	1.1	.6	.1	.1																							107	107	20	2	
60/59	.8	2.8	4.1	3.2	1.6	.4	.3																									121	121	38	14	
58/57	1.0	4.7	4.1	3.2	1.6	.2	.1																									139	139	122	59	
56/55	.8	6.3	6.8	3.0	.8	.2																										164	164	153	101	
54/53	1.7	3.4	2.8	1.1	.2																											84	84	187	122	
52/51	1.4	4.1	1.4	.2	.2																											72	72	179	146	
50/49	1.1	2.7	1.0	.1																												45	45	108	173	
48/47	.4	1.6	.4	.1																												24	24	60	111	
46/45	.4	.3	.2																													9	9	27	84	
44/43	.2	.2																														4	4	10	55	
42/41																																			2	33
40/39	.1																															1	1	1	16	
38/37																																			9	
36/35																																			2	
34/33																																			2	
30/29																																			1	
TOTAL	7.8	26.9	24.4	17.5	11.5	5.5	3.5	1.6	.3	.1																						930	930	930		

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5799925	72135	77.6	14.848	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3114138	53592	57.6	5.276	930			5.0	.3			93
Wet Bulb	2657790	49590	53.3	3.819	930							93
Dew Point	2355567	46595	50.1	4.761	930		.1					93

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/DAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON FC/MUSKWA FOT APT

57-66

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100

HOURE (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																																		2	2			
82/ 81																																		3	3			
80/ 79																																		11	11			
78/ 77																																		21	21			
76/ 75																																		33	33			
74/ 73																																		63	63			
72/ 71																																		87	87			
70/ 69																																		108	108			
68/ 67																																		101	101			
66/ 65																																		114	114		11	
64/ 63																																		98	98		46	
62/ 61																																		66	66		89	
60/ 59																																		83	83		131	
58/ 57																																		60	60		204	
56/ 55																																		29	29		190	
54/ 53																																		19	19		119	
52/ 51																																		16	16		73	
50/ 49																																		8	8		40	
48/ 47																																		5	5		17	
46/ 45																																					5	
44/ 43																																			3	3		31
42/ 41																																					3	
40/ 39																																						
38/ 37																																						
36/ 35																																						
34/ 33																																						
30/ 29																																						
28/ 27																																						
TOTAL	1.4	11.5	8.2	11.4	14.6	13.0	13.5	11.3	9.4	4.6	.9	.1	.1																					930	930		930	

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	3707447	56265	60.5	18.072	930							
Dry Bulb	4032424	60924	65.5	6.669	930			42.9	13.3	.8		93
Wet Bulb	2987610	52584	56.5	3.938	930			.2				93
Dew Point	2376112	46702	50.2	5.764	930		.3					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

25218 FORT NELSON BC/MUSKWA DUT APT 57-66 JUL PAGE 1 1200-1400

STATION STATION NAME YEARS MONTH 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														
90/ 89																	.1														1	1			
88/ 87																																1	1		
86/ 85																	.1	.2	.2	.3	.4	.1	.1								14	14			
84/ 83																	.1	.6	1.0	.6	.1	.4									27	27			
82/ 81											.1	.2	.8	1.4	1.0	.9	.3														43	43			
80/ 79											.8	1.2	1.4	1.3	.3																46	46			
78/ 77											.3	.5	1.2	2.3	1.4	.2															53	53			
76/ 75							.2	.4	.4	1.2	2.6	3.0	1.6	.3	.1																93	93			
74/ 73						.1	1.3	1.4	2.3	2.9	1.8	1.1	.2																		103	103			
72/ 71						.4	1.2	1.3	2.6	3.0	1.7	1.1																			105	105			
70/ 69					.1	.8	1.3	1.9	2.4	2.4	.4	.5																			91	91	5		
68/ 67				.1	.5	.9	1.9	1.9	1.0	.5	.2																				66	66	8		
66/ 65			.8	.3	1.6	1.4	2.3	1.2	.6																						69	69	38	1	
64/ 63		.8	1.1	1.2	1.5	.4	.8	.5																							58	58	68	3	
62/ 61	.1	.9	1.6	1.5	.9	.1	.1	.3																							51	51	119	18	
60/ 59		.4	1.5	1.1	.6		.1																								35	35	159	41	
58/ 57		1.0	.6	.1	.8	.4																									27	27	187	47	
56/ 55	.1	1.4	.4	.5	.1																										24	24	176	96	
54/ 53	.1	.6	.1	.1																											9	9	91	99	
52/ 51		.4		.1																											5	5	41	111	
50/ 49		.4																													4	4	23	127	
48/ 47																																	11	85	
46/ 45		.3																													3	3	2	91	
44/ 43																																	2	71	
42/ 41																																			50
40/ 39																																			37
38/ 37																																			17
36/ 35																																			12
34/ 33																																			15
32/ 31																																			5
30/ 29																																			2
28/ 27																																			1
20/ 19																																			1

Element (X)	Σ x²	Σ x	\bar{x}	s _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												

USAF/ETAC FORM 026-5 (O.L. A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FULTON NELSON BC/MUSKWA DUT APT

57-66

JUL

PAGE 2 1200-1400

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	.3	6.2	5.8	6.9	7.9	9.4	9.6	12.3	14.8	13.1	9.1	3.0	1.0	.5	.1	.1		930	930	930	930				
Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.	2712776	47046	50.6	18.929	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb	4640112	69304	70.2	7.660	930			64.5	38.3	10.5		93													
Wet Bulb	3130465	53823	57.9	4.054	930			1.3				93													
Dew Point	2289764	45746	49.2	6.523	930		.9					93													

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25214

FORT NELSON BC/MUSKWA DUT APT

57-66

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	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															
92/ 91															.2																		2	2	
90/ 89															.1												.1	.1					3	3	
88/ 87															.5											.1	.3	.4					13	13	
86/ 85															.1	.1	.4									.3	.8	.6					22	22	
84/ 83															.2	.4	1.1	1.1	1.9							.4	.4					38	38		
82/ 81															.3	1.0	1.1	1.2								.3	.1					43	43		
80/ 79															.6	1.3	1.4									.9	.1					41	41		
78/ 77															.4	.2	1.0	2.5	1.8							1.2						66	66		
76/ 75															.2	.6	1.4	2.6	3.1	2.2						.6	.2					102	102		
74/ 73						.3									.5	1.3	1.8	2.7	2.0	1.1												96	96		
72/ 71						.2	.4								.9	1.0	2.9	3.2	.9	.6	.1											95	95		
70/ 69				.1	.2	.8	1.4	3.0	3.2	1.0	.6	.1																				97	97	3	
68/ 67			.2	.1	1.4	1.6	1.6	.6	.3	.1																						56	56	9	
66/ 65		.4	.4	.8	1.3	1.8	.1	.4	.4																							54	54	36	
64/ 63		.5	.9	.5	1.4	1.0	.5	.1																								46	46	77	
62/ 61	.1	1.1	1.1	1.9	1.1	.4	.2	.2																								54	54	114	
60/ 59		1.3	1.1	1.1	.1	.2	.2																									39	39	178	
58/ 57		1.2	.2	.2	.4	.3																										22	22	214	
56/ 55		.8	.3	.3																												13	13	168	
54/ 53	.1	1.1	.8	.1																												19	19	60	
52/ 51	.3	.3																														6	6	40	
50/ 49																																25	25	137	
48/ 47		.2																														2	2	3	
46/ 45		.1																														1	1	3	
44/ 43																																			65
42/ 41																																			68
40/ 39																																			31
38/ 37																																			28
36/ 35																																			12
34/ 33																																			4
32/ 31																																			3
30/ 29																																			2
26/ 25																																			1
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/PAAC

PSYCHROMETRIC SUMMARY

75218 FORT NELSON RC/MUSKWA DDT APT 57-66

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000

HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
88/ 87												.2						4	4																
86/ 85											.2							5	5																
84/ 83											.2							12	12																
82/ 81									.2		.5							25	25																
80/ 79								.2	.2		.9							29	29																
78/ 77							.2	.1	.8		.9							42	42																
76/ 75					.2		.3	1.1	1.1		1.2							71	71																
74/ 73				.2	.4		.8	.8	1.1		2.3							74	74																
72/ 71				.3	.6		1.7	1.4	3.3		1.6							95	95																
70/ 69				.3	1.5		2.2	3.1	2.4		1.5							109	109	2															
68/ 67			.2	.3	2.0		3.3	1.1	1.6		.8							87	87	9	1														
66/ 65		.3	.4	.9	2.9		1.6	1.0	1.3		.2							84	84	30	2														
64/ 63		.3	.4	.8	2.8		.8	.5	.2									59	59	62	5														
62/ 61		1.2	1.4	2.7	1.6		.4	.1										69	69	97	25														
60/ 59	.5	1.4	2.7	1.3	.5		.5											59	59	159	38														
58/ 57	.4	2.6	.6	.6	.2		.2											44	44	216	76														
56/ 55		1.9	.2	.4	.4													28	28	187	84														
54/ 53	.1	1.1	.4	.2														16	16	88	139														
52/ 51	.2	1.2																13	13	53	177														
50/ 49		.5																5	5	26	109														
48/ 47																				8	86														
46/ 45																					85														
44/ 43																					48														
42/ 41																					52														
40/ 39																					25														
38/ 37																					15														
36/ 35																					5														
34/ 33																					5														
32/ 31																					2														
28/ 27																					1														
TOTAL	1.3	10.8	6.8	8.1	13.2	12.6	9.4	12.2	10.0	8.0	5.5	2.2	.4	.5				930	930	930	930														

USAF ETAC FORM 0-26-5 (OL A) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3366893	32881	56.9	19.686	930							
Dry Bulb	4355499	63263	68.0	7.485	930			55.3	76.2	5.7		93
Wet Bulb	3163382	33604	57.6	3.843	930			1.1				93
Dew Point	2400063	46913	30.4	6.012	930		.3	.1				93

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DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON BC/MUSKWA DEPT APT 57-66 JUL
STATION STATION NAME YEARS MONTH
 PAGE 1 2100-2300

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/ 81																		1	1																
82/ 81									.1									1	1																
80/ 79									.1									1	1																
76/ 75								.1	.2	.2								5	5																
74/ 73							.4	.6	1.1	.2								22	22																
72/ 71					.1		.9	.6	.4	.5								24	24																
70/ 69		.2		.2	.8	.5	1.0	1.0	.2									36	36																
68/ 67			.5	1.3	1.3	1.3	2.3	.4										68	68																
66/ 65		.2	1.0	1.3	2.2	2.4	1.3	.6	.1									86	86	3	2														
64/ 63		.8	1.7	2.7	2.2	2.3	1.2	.4										104	104	24	3														
62/ 61	.1	1.8	3.0	2.9	1.4	1.2	1.1	.2										117	117	53	15														
60/ 59	.3	2.7	4.1	2.6	2.4	.8	.2											121	121	102	31														
58/ 57	.9	3.2	3.7	1.6	1.4	.3	.1											122	122	157	86														
56/ 55	.9	5.9	2.4	.6	.8	.1												103	103	209	131														
54/ 53	.8	3.7	.9	.4	.2													55	55	162	140														
52/ 51	.8	2.3	.9	.3	.1													38	38	108	153														
50/ 49	.2	1.1	.9	.1														19	19	71	106														
48/ 47	.1	.3	.2															6	6	21	96														
46/ 45		.1																1	1	16	69														
44/ 43																				2	38														
42/ 41																					29														
40/ 39																					14														
38/ 37																					9														
36/ 35																					4														
34/ 33																					2														
TOTAL	4.0	24.2	20.0	14.3	12.7	10.1	8.7	4.2	1.5	.3									930	930	930	930													

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5195236	67726	72.8	16.833	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3472509	56573	60.8	5.787	930			15.8	3.0	.2		93
Wet Bulb	253089	51383	55.3	3.903	930			.2				93
Dew Point	2467635	47657	51.2	5.239	930							93

USAFETAC FORM 0 26-5 (OIA) 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

25218 FORT NELSON BC/HUSK 44 DUT APT

57-66

AUG

PAGE 1 0000-0200

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														
68/67			.1	.1	.2			.2										6	6																
66/65			.1	.2	.2													19	19																
64/63		.1	.5	.5	.5	.2	.4											22	22	1															
62/61		.3	1.1	.9	.4	.1	.1	.1										32	32	7	3														
60/59	.6	1.4	2.3	1.4	.5													62	62	25	11														
58/57	.3	3.7	3.1	1.0	.6	.3	.2											88	88	47	34														
56/55	1.2	5.4	3.1	1.6	.3		.1											111	111	101	62														
54/53	2.0	8.6	2.3	.3	.6	.3												132	132	131	77														
52/51	1.3	7.8	2.7	.8	.5													121	121	138	122														
50/49	2.3	7.3	1.6	.2	.1													109	109	131	143														
48/47	1.2	3.6	1.3	.3														78	78	124	118														
46/45	1.3	3.2	.5	.1														50	50	82	124														
44/43	1.7	2.8	.2															45	45	58	79														
42/41	.6	1.7	.3															25	25	40	58														
40/39	1.2	1.0																20	20	29	49														
38/37		.3																3	3	8	21														
36/35	.1	.1																2	2	3	11														
34/33	.2	.2																4	4	3	10														
32/31																					7														
TOTAL	14.3	90.8	19.4	7.8	4.4	1.7	1.0	.6										929	929	929	929														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	6760632	79662	85.7	12.141	930							93
Dry Bulb	2585897	48687	52.4	6.080	929			.6				93
Wet Bulb	2338722	46364	49.9	5.171	929			.1				93
Dew Point	2139697	44491	47.9	5.387	929			.7				93

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

AD-A100 241 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FT NELSON, MUSKWA APT, BRITISH COLUMBIA, CANADA. REVISED UNIFORM--ETC
JAN 72

UNCLASSIFIED USAFETAC/US-81/036

SBIE-AD-E850 068 NL

5 OF 5

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT

57-66

AUG
MONTH

PAGE 1 0300-0500

HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
66/ 65					.1													1	1						
64/ 63		.1	.2			.1	.2											6	6						
62/ 61		.2	.2	.4	.1	.3												12	12	1					
60/ 59	.1	1.9	1.3	.5	.2	.1	.1											40	40	8	6				
58/ 57	.4	2.4	1.7	.2	.3		.1											48	48	27	19				
56/ 55	1.1	5.4	1.5	1.5	.1	.2	.1											92	92	61	37				
54/ 53	2.3	6.5	1.6	.8	.2	.1												106	106	99	62				
52/ 51	2.8	8.8	2.5	.2	.3													136	136	124	99				
50/ 49	3.0	8.7	.8	.5	.1													122	122	141	148				
48/ 47	3.3	8.2	1.2	.2														120	120	132	122				
46/ 45	2.4	5.9	.4															84	84	112	139				
44/ 43	2.3	3.3	.4															56	56	90	90				
42/ 41	1.8	2.6	.1															42	42	54	80				
40/ 39	1.7	2.3																37	37	43	54				
38/ 37	.9	.5																13	13	22	39				
36/ 35		.5																5	5	4	14				
34/ 33		.4																4	4	4	11				
32/ 31	.4	.1																5	5	7	6				
30/ 29	.1																	1	1	1	4				
TOTAL	22.6	57.8	12.3	4.4	1.5	.9	.5											930	930	930	930				

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	7566223	83397	89.7	9.714	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2335792	46294	49.8	5.809	930		.6					43
Wet Bulb	2178882	44748	48.1	5.268	930		.8					93
Dew Point	2031041	43375	46.6	5.494	930		1.0					93

USAF ETAC FORM 0-26-5 (OL A) 0.26-5 (OL A) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25213 FORT NELSON BC/MUSKWA DUT APT

57-66

AUG
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														
72/ 71						.1												1	1																
70/ 69					.1				.1									3	3																
68/ 67				.1		.1												4	4																
66/ 65			.1	.1	.3			.1										12	12																
64/ 63		.1	.3	.5	.5	.3		.1										21	21	3															
62/ 61		.2	1.0	1.4	.3	.2	.3	.1										33	33	4	1														
60/ 59		1.3	2.3	2.3	.4	.4	.2	.1										72	72	14	9														
58/ 57	.3	3.2	3.9	1.6	.3	.3												87	87	51	23														
56/ 55	.9	4.8	3.4	1.8	.2	.1												105	105	99	55														
54/ 53	.8	5.6	2.8	1.3	.3													100	100	108	72														
52/ 51	2.0	7.6	2.9	.3	.2													119	119	142	122														
50/ 49	1.4	6.8	1.7	.6	.2													100	100	126	137														
48/ 47	2.0	5.7	1.6	.4														91	91	121	101														
46/ 45	1.6	4.7	.9	.1														66	66	97	141														
44/ 43	1.9	2.3	.9															47	47	69	98														
42/ 41	1.7	2.3	.1															38	38	44	61														
40/ 39	.9	.9																16	16	33	47														
38/ 37	.8	.3																10	10	13	33														
36/ 35		.2																2	2	2	17														
34/ 33	.2	.1																3	3	3	11														
32/ 31																				1	2														
TOTAL	14.5	46.3	21.8	11.0	3.0	2.0	.8	.4	.1									930	930	930	930														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	6381391	79217	85.2	11.998	930							93
Dry Bulb	2553659	48377	52.0	6.325	930			.0				93
Wet Bulb	2299948	45992	49.5	5.236	930		.1					93
Dew Point	2113189	44041	47.4	5.449	930		.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/RAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON RC/HUSKWA DJT APT

57-66

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
80/ 79								.3		.1								4	4					
78/ 77							.1	.1										2	2					
76/ 75						.1	.2	.3	.8		.2							15	15					
74/ 73						.8	.9	1.1	.4	.2	.1							29	29					
72/ 71			.2	.1	1.1	1.4	1.6	.9	.1									47	47					
70/ 69			.2	1.0	1.7	1.4	.8	.4	.1									52	52					
68/ 67			.2	1.9	1.9	1.1	.9	.8	.1									64	64	1				
66/ 65		.2	1.8	2.4	2.8	1.2	.8	.2	.2									90	90	5				
64/ 63		1.0	2.2	1.9	1.3	1.2	.9	.1	.1									82	82	21	3			
62/ 61	.3	1.2	2.9	2.3	1.3	1.1	.5											91	91	46	2			
60/ 59	.9	2.2	2.7	1.8	1.2	.4	.1											86	86	99	20			
58/ 57	2.4	1.9	1.4	1.3	.5	.1												67	67	114	50			
56/ 55	.1	2.5	2.7	3.2	1.1	.2												85	85	148	72			
54/ 53	1.4	2.7	1.0	.6														47	47	113	112			
52/ 51	.2	1.9	2.5	.4	.1													48	48	106	113			
50/ 49	.4	2.4	1.6	.9														46	46	114	111			
48/ 47	.8	2.2	.6	.2														34	34	79	121			
46/ 45	.5	1.6	.3	.1														24	24	48	98			
44/ 43	.2	1.1	.3															15	15	19	82			
42/ 41	.2																	2	2	15	51			
40/ 39																				2	44			
38/ 37																					34			
36/ 35																					7			
34/ 33																					5			
32/ 31																					2			
30/ 29																					2			
28/ 27																					1			
TOTAL	2.4	16.8	15.6	17.1	14.5	13.1	8.7	7.0	3.5	.9	.4							930	930	930	930			

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	4515796	62784	67.5	17.276	930	< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	93
Dry Bulb	3445180	56136	60.4	7.815	930			21.3	5.0			93
Wet Bulb	2694225	49829	53.6	5.126	930			.1				93
Dew Point	2224193	45153	48.6	5.864	930		.5					93

USAFETAC FORM 0-26-5 (OL-1) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON BC/MUSKWA DJT APT

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AUG

STATION

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PAGE 1 1200-1400

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
88/ 87														.1																			1	1		
86/ 85															.1	.1																	3	3		
84/ 83															.1	.8	.4	.2															14	14		
82/ 81											.1	.3	.4	.3			.1																12	12		
80/ 79											.1	.8	.6	1.7																			30	30		
78/ 77								.3	.2		.9	1.0	2.2	2.4		.1																	56	56		
76/ 75				.1				.4	.8	2.2	2.0	2.3	.2																				74	74		
74/ 73					.1	1.1	.3	2.4	2.7	.8	.5																						73	73		
72/ 71					.1	1.5	1.9	1.9	.9	.9	.8																						74	74		
70/ 69				.3	.6	.6	1.4	1.9	1.2	1.2	.4																						72	72	1	1
68/ 67				.2	1.8	1.3	1.2	1.1	1.1	.6	.1																						69	69	8	
66/ 65			.4	.8	1.3	2.3	1.3	1.9	.8	.1																							86	86	19	
64/ 63		.1	.9	1.2	1.3	1.3	2.2	1.0	.3																								78	78	50	2
62/ 61		.4	.6	1.5	1.5	2.0	.6	.4																									67	67	89	12
60/ 59		.6	1.1	.5	1.3	1.0	.2	.1																									45	45	153	19
58/ 57		.4	1.2	.8	.9	.6	.1																										37	37	137	44
56/ 55	.1	1.4	1.3	.6	1.0	.4																											47	47	95	73
54/ 53		.5	1.3	.2		.1																											20	20	116	88
52/ 51		1.2	.3	.2	.2																												18	18	112	98
50/ 49		1.5	.6	.4																													24	24	70	113
48/ 47	.1	.4	.5	.3																													13	13	35	124
46/ 45	.3	1.0	.2																														14	14	24	91
44/ 43	.1	.1	.1																														3	3	18	86
42/ 41																																	3		3	56
40/ 39																																				41
38/ 37																																				42
36/ 35																																				16
34/ 33																																				10
32/ 31																																				8
30/ 29																																				1
28/ 27																																				2
26/ 25																																				2
24/ 23																																				1
Element (X)	Σ x ²		Σ x		x̄		σ _x		No. Obs.		Mean No. of Hours with Temperature							Total																		
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 (O.L. A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DQT APT

57-66

8 JC

STATION

STATION NAME

YEARS

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PAGE 2 1200-1400

HOURS 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	.6	7.7	8.8	7.2	10.5	13.0	10.4	14.0	11.0	9.2	6.3	.5	.4	.1				930	930	930	930														
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	3081947	30677	54.5	18.574	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93																							
Dry Bulb	4181092	61816	66.5	8.819	930			47.8	26.3	4.3		93																							
Wet Bulb	2916489	51857	55.8	5.180	930			.9				93																							
Dew Point	2177946	44594	48.0	6.332	930		1.4	.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

25216 FORT NELSON BC/MUSKWA DUT APT

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AUG

STATION

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PAGE 1 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																		
88/ 87															.1	.1																	2	2				
86/ 85															.2	.2	.2																	15	15			
84/ 83															.1	.1	.1																	19	19			
82/ 81															.2	.2	.2																	20	20			
80/ 79															.2	.4	1.0	1.4	2.4															55	55			
78/ 77															.2	1.1	1.3	2.0	1.0															71	71			
76/ 75															.3	1.4	1.3	1.0																48	48			
74/ 73															.3	1.6	1.6	1.0																61	61			
72/ 71			.1												.4	1.0	1.0	1.0																73	73			
70/ 69			.1												.4	1.1	1.4	1.7																83	83			
68/ 67			.1												.4	1.1	1.2	1.1																80	80	8		
66/ 65			.3												.3	1.1	1.8	1.7																71	71	19	1	
64/ 63		.2	1.1	1.2											.3	1.0	1.4	1.2																69	69	62	2	
62/ 61		.4	.9	.9											.3	1.0	1.4	1.2																59	59	118	7	
60/ 59		.8	1.0	1.0											.3	1.0	1.4	1.2																53	53	145	23	
58/ 57		.8	.9	1.3											.3	.9	.9	.3																43	43	132	54	
56/ 55	.1	1.3	.9	.1											.3	.9	.9	.3																27	27	94	73	
54/ 53		.9	.9	.1											.2	.9	.9	.2																19	19	133	85	
52/ 51		.9	.1	.4											.2	.4	.4	.2																13	13	92	91	
50/ 49		1.4	.9	.8											.2	.8	.8	.2																28	28	55	104	
48/ 47	.1	.8	.4	.6											.1	.8	.8	.1																8	8	34	134	
46/ 45	.1	.5	.2												.1	.5	.5	.1																8	8	26	100	
44/ 43	.3	.1	.1												.1	.1	.1	.1																5	5	8	69	
42/ 41																																				4	4	64
40/ 39																																						50
38/ 37																																						32
36/ 35																																						14
34/ 33																																						11
32/ 31																																						8
30/ 29																																						5
28/ 27																																						1
TOTAL	.6	8.2	7.7	6.9	9.4	11.2	12.3	11.9	10.6	9.4	8.1	3.8	.5	.2																					930	930	930	

Element (X)	ΣX	ΣX^2	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						> 0 F	> 32 F	> 67 F	> 73 F	> 80 F	> 93 F	
Rel. Hum.	2546632	49266	53.0	19.041	930							
Dry Bulb	4325879	62857	67.6	9.132	930			52.7	29.1	8.1		93
Wet Bulb	2864073	52287	56.2	5.121	930			.8				93
Dew Point	2187317	44701	48.1	6.474	930			1.4				93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON RC/MUSKWA DJT APT

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AUG

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PAGE 1 1800-2000

HOURS C. 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/ 83												.1						1	1					
84/ 83											.2	.2	.1					6	6					
82/ 81							.1		.3	.3	.2	.1						10	10					
80/ 79							.1		.3	.4	.5	.1						18	18					
78/ 77							.2		.6	.9	1.2	.2						26	26					
76/ 75							.2	.6	.9	1.1	1.0	.2						35	35					
74/ 73					.1	.9	1.2	1.1	.9	.3	.1							39	39					
72/ 71					.9	.8	1.6	2.0	.8	.2	.2	.1						61	61					
70/ 69				.9	1.1	1.6	2.0	.5	.4	.5	.1							67	67	2				
68/ 67			.4	1.2	1.2	2.6	.9	1.1	.1	.5								73	73	3				
66/ 65		.1	.9	1.7	2.2	1.7	1.3	.9	.4	.3								86	86	12				
64/ 63		.2	1.2	1.1	2.2	1.1	1.0	.4	.2									68	68	52	7			
62/ 61		1.5	1.8	1.8	1.0	1.9	1.1	.2										87	87	88	12			
60/ 59	.2	1.3	1.4	1.4	1.6	1.3		.2										74	74	126	44			
58/ 57	.1	1.6	1.4	2.2	1.6	.6	.1											71	71	136	64			
56/ 55	.3	2.3	1.4	1.4	.4	.2	.1											57	57	106	82			
54/ 53	.2	1.7	1.7	.6	.4	.1	.1											46	46	109	105			
52/ 51	.2	2.7	.4	.3	.2													38	38	104	113			
50/ 49	.1	1.5	.6	.3	.1													25	25	91	120			
48/ 47		1.7	.8															23	23	44	100			
46/ 45	.2	.8	.1															10	10	32	86			
44/ 43	.1	.3	.1															5	5	17	69			
42/ 41		.4																4	4	4	47			
40/ 39																		4	4	4	40			
38/ 37																					11			
36/ 35																					9			
34/ 33																					8			
32/ 31																					8			
30/ 29																					4			
28/ 27																					1			
TOTAL	1.5	16.1	12.7	12.9	12.9	12.9	10.2	8.0	4.8	5.6	1.6	.6	.1					930	930	930	930			
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total													
Rel. Hum.	4132396	59428	63.9	18.986	930	< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F													
Dry Bulb	3790517	58839	63.3	8.550	930			33.6	13.5	2.3		93												
Wet Bulb	2862573	51359	55.2	5.319	930			.5				93												
Dew Point	2316045	46029	49.5	6.388	930		1.3					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 HEATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT
 STATION NAME

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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														
74/ 73					.2	.3	.1											6	6																
72/ 71					.2	.3	.1											5	5																
70/ 69				.1	.3	.2	.3	.1	.1									11	11																
68/ 67			.4	.6	.4	1.1	.6	.1	.1									30	30																
66/ 64		.1	.2	1.4	1.2	1.0	.2	.1										39	39																
64/ 63		.4	2.0	2.2	1.3	.8	.3	.1	.2									68	68	10															
62/ 61	.1	.8	1.9	3.2	.9	.5	.2	.2	.2									75	75	23	9														
60/ 59	.1	4.0	3.7	3.1	.6	.9	.1	.2										118	118	66	21														
58/ 57	.3	3.7	3.2	1.6	1.4	.9	.1											104	104	111	64														
56/ 55	.3	4.4	3.9	1.6	.8	.3												107	107	139	94														
54/ 53	.3	4.7	2.6	1.3	.6	.3	.1											95	95	117	106														
52/ 51	.3	6.1	2.0	.8	.2	.2												88	88	113	129														
50/ 49	.6	3.3	1.4	.4	.1	.1												58	58	117	113														
48/ 47	.3	3.5	.5	.1														44	44	89	103														
46/ 45	1.3	2.8	.5	.1														46	46	72	86														
44/ 43	.9	1.4	.2															23	23	40	85														
42/ 41		.8																7	7	19	47														
40/ 39	.3	.2																5	5	10	35														
38/ 37	.1																	1	1	2	15														
36/ 35																					4														
34/ 33																					10														
32/ 31																					7														
30/ 29																					2														
TOTAL	5.7	36.5	22.4	16.6	7.8	6.8	2.4	.9	.6									930	930	930	930														

Element (X)	Z _x	Z _y	X	Y	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6019493	73581	79.1	14.355	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2971932	52220	56.2	6.541	930			5.2	.6			93
Wet Bulb	2560812	48562	52.2	5.192	930							93
Dew Point	2285524	45772	49.2	5.938	930		.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

25218 FORT NELSON RC/MUSKWA DUT APT

57-66

SEP

PAGE 1 0000-0200

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														
62/ 61			.3			.2	.3											8	8																
60/ 59		.1	.4	.1	.4													10	10																
58/ 57		.3	.2	.2	.3	.3												13	13	6	1														
56/ 55		.6	.2	.4	.3	.1												15	15	8	7														
54/ 53		.9	.3	.3	.3		.1											13	15	6	4														
52/ 51	.4	1.3	1.3	.4	.3	.2												37	37	25	15														
50/ 49	.6	2.7	1.0	.4	.4	.2												44	44	38	17														
48/ 47	1.0	5.2	1.0	.7	.1													72	72	62	41														
46/ 45	1.7	5.4	1.2	.7	.1													82	82	80	60														
44/ 43	2.8	7.6	1.6	.4	.3													114	114	93	84														
42/ 41	2.1	6.8	1.3	.1														91	91	104	103														
40/ 39	3.4	8.6	1.0															117	117	124	118														
38/ 37	3.0	7.6	1.2															106	106	118	116														
36/ 35	1.7	3.1	.4															48	48	79	88														
34/ 33	2.3	2.9	.4															51	51	55	87														
32/ 31	2.0	1.8	.3															37	37	46	62														
30/ 29	.4	1.4	.2															19	19	25	31														
28/ 27	.6	.7																11	11	17	30														
26/ 25	.3																	3	3	7	13														
24/ 23	.4	.3																7	7	6	8														
22/ 21																				1	8														
20/ 19																					5														
TOTAL	22.857	7.822	6.822	3.6	2.3	1.1	.4											900	900	900	900														

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

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel Hum.	7049268	79024	87.8	11.092	900							90
Dry Bulb	1625422	37726	41.9	6.998	900		7.7					90
Wet Bulb	1490727	36193	40.2	6.261	900		10.2					90
Dew Point	1337379	34463	38.3	6.464	900		15.9					90

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA OUT APT

57-66

SEP

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

HOURS U.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														
60/59			.2															2	2																
58/57		.2		.2	.2													12	12																
56/55	.2	.4		.1	.4		.3											14	14	8	2														
54/53	.2	.3	.1	.2	.6													13	13	6	8														
52/51	.3	1.1	.3	.2		.2												20	20	12	10														
50/49		1.8	1.1	.3	.1	.1												31	31	18	12														
48/47	1.0	3.0	.8	.3	.1													45	45	44	19														
46/45	2.9	4.1	1.2	.3														77	77	69	60														
44/43	2.8	5.2	.4															76	76	81	55														
42/41	3.3	6.1	.4															93	93	91	91														
40/39	4.7	7.7	1.1															121	121	116	117														
38/37	5.6	5.9	.3															102	102	119	112														
36/35	4.4	6.1	.8															100	100	103	106														
34/33	3.2	3.8	.4															67	67	80	103														
32/31	4.6	2.2																61	61	71	90														
30/29	1.2	2.4	.2															35	36	36	34														
28/27	.8	.4																11	11	24	35														
26/25	.7	.6																11	11	11	19														
24/23	.1	.2																3	3	4	14														
22/21	.4	.1																5	5	6	7														
20/19																					5														
TOTAL	36.5	51.4	7.8	1.8	1.4	.8	.3											899	900	899	899														

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	7482235	81533	90.7	9.886	899	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	1465937	35805	39.8	6.794	900		12.7					90
Wet Bulb	1371772	34676	38.6	6.177	899		15.2					90
Dew Point	1272617	33346	37.1	6.308	899		20.4					90

USAFETAC FORM 0-26.5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25213 FORT NELSON RC/MUSKWA BDT ART

57-66

SEP
 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														
62/ 61			.1				.1											2	2																
60/ 59						.1	.3											4	4																
58/ 57		.6	.1	.2	.3	.1												12	12	1															
56/ 55		.1	.4	.3	.2	.3	.1											9	9	6	4														
54/ 53	.2	.4		.3	.2	.3	.2											16	16	7	5														
52/ 51	.4	.7	.4	.3	.2	.2												21	21	14	9														
50/ 49	.7	1.7	.2	.2	.1	.1												27	27	26	12														
48/ 47	1.0	3.8	1.0	.3	.2													57	57	44	27														
46/ 45	1.0	3.7	2.0	.1	.1													62	62	45	51														
44/ 43	3.4	5.1	.4	.4														88	88	83	62														
42/ 41	4.1	7.2	.6															107	107	121	89														
40/ 39	4.2	7.9	1.1	.1														120	120	117	120														
38/ 37	3.7	6.1	1.4															101	101	110	122														
36/ 35	3.0	5.9	.8															87	87	96	77														
34/ 33	2.6	4.2	.4															65	65	84	103														
32/ 31	3.4	2.7	.2															58	59	69	88														
30/ 29	1.4	2.3	.1															35	35	35	55														
28/ 27	.6	.6	.2															12	12	18	30														
26/ 25	.2	.4																6	6	13	19														
24/ 23	.7	.2																8	8	7	11														
22/ 21	.2																	2	2	3	10														
20/ 19																					4														
18/ 17																					1														
TOTAL	11.4	3.6	9.7	2.4	1.3	1.1	.4											899	900	899	899														

Element	Σx	Σx^2	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	
Rel. Hum.	7344512	80692	89.81	10.647	899							90
Dry Bulb	1485412	36046	40.1	6.813	900		12.2					90
Wet Bulb	1379785	34781	38.7	6.168	899		14.3					90
Dew Point	1270641	33309	37.1	6.376	899		21.8					90

USAFETAC FORM 0 26 5 (JUL 61) REVISIONS PREVIOUS EDITIONS ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2521A FORT NELSON BC/PRISKWA DIST APT
STATION NAME

57-66
YEARS

SEP
MONTH

PAGE 1 0900-1100
HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
72/ 71																		1	1																
70/ 69								.1	.1	.1	.2							7	7																
68/ 67								.1	.1	.1								3	3																
66/ 65				.1	.1	.1	.1	.4	.2	.3	.1							13	13																
64/ 63			.1	.1	.1	.1	.4	.3	.8									15	15																
62/ 61			.2	.3	.4	.7	.8	.1	.1									24	24	1															
60/ 59			.2	1.1	.7	1.8	.3	.3										37	38	5															
58/ 57		.1	.4	.6	1.0	.9	.6	.4	.3									31	31	9	1														
56/ 55		.3	.7	1.1	.9	.7	.7	.2										41	41	22	4														
54/ 53	.1	.4	1.1	1.6	1.6	.8	.2											54	54	30	12														
52/ 51	.1	1.2	1.7	2.3	.7	.6	.1											60	60	42	19														
50/ 49	.8	2.0	2.0	1.8	1.8	.8												85	85	67	27														
48/ 47	.8	4.0	3.1	1.9	1.0	.2												99	99	88	49														
46/ 45	1.1	4.6	3.1	1.0	.4													92	92	122	66														
44/ 43	1.0	3.8	3.1	1.1	.3													84	84	115	96														
42/ 41	1.0	5.0	1.7	.7	.2													77	77	113	115														
40/ 39	1.2	3.3	1.9	.8														65	65	96	121														
38/ 37	.7	3.0	.4	.2														39	39	63	92														
36/ 35	.9	1.8	.4															28	28	56	78														
34/ 33	.4	1.6	.4	.1														23	23	28	70														
32/ 31	.4	.9	.2															14	14	21	55														
30/ 29	.1	.3																4	4	16	42														
28/ 27		.3																3	3	3	21														
26/ 25																				2	14														
24/ 23																					12														
22/ 21																					0														
TOTAL	8.732	7.721	7.147	9.6	6.8	3.6	1.6	.9										900	900	900	900														

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						< 0 F	- 32 F	- 67 F	+ 73 F	+ 80 F	+ 93 F	
Rel Hum.	5281087	67249	74.716	8.880	900							90
Dry Bulb	288046	42728	47.5	8.136	900		2.1	1.1				90
Wet Bulb	1724258	39000	43.3	6.173	900		4.2					90
Dew Point	1411726	35148	39.1	6.593	900		15.0					90

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

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25215 FORT NELSON BC/HUSKWA INT APT

57-66

SEP

PAGE 1 1200-1400

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
78/ 77									.1	.1	.2							4		4															
76/ 75								.4	.1	.1	.3							9		9															
74/ 73								.3	.7	.1	.2							12		12															
72/ 71						.1	.4	.7	.2	.3								16		16															
70/ 69						.2	.5	.7	.4	.1								16		16															
68/ 67						.1	1.4	1.1	.6									31		31															
66/ 65				.1	.4	.8	1.0	.8	.9									36		36															
64/ 63			.1	.2	.7	.3	2.0	1.6	.2	.1	.1							48		48															
62/ 61			.2	.6	1.3	.8	2.4	1.7	.8	.2								72		72	10														
60/ 59			.2	.3	1.3	1.6	1.6	2.2	.1									66		66	13														
58/ 57			.3	.9	1.0	1.7	2.7	.9	.2									69		69	36	1													
56/ 55		.6	.8	1.1	1.8	2.6	2.6	.1										85		85	49	4													
54/ 53		1.2	.7	1.2	1.6	2.0	.4											64		64	62	18													
52/ 51	.1	1.0	2.1	2.8	1.2	.7	.2	.1										73		73	73	29													
50/ 49	.1	.9	1.6	2.3	.6	.7	.3											58		58	108	46													
48/ 47	.1	2.2	2.4	1.2	.9	.4	.1											67		67	121	54													
46/ 45	.1	1.7	2.2	.2	.7	.7												50		50	132	74													
44/ 43	.4	1.6	1.2	.9	.3													40		40	120	67													
42/ 41	.2	1.4	1.1	.4	.2													35		35	56	110													
40/ 39	.2	1.3																14		14	48	106													
38/ 37	.3	.9		.4														15		15	36	104													
36/ 35		.7		.2														8		8	18	82													
34/ 33		.7																6		6	8	54													
32/ 31	.1	.3																4		4	10	49													
30/ 29		.2																2		2	5	35													
28/ 27																					1	25													
26/ 25																						14													
24/ 23																						12													
22/ 21																						13													
20/ 19																						2													
18/ 17																						1													
TOTAL	1.4	15.1	12.4	13.1	12.0	12.6	15.6	10.6	4.6	1.1	.9							900		900	900	900													

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	3556749	53749	59.7	19.641	900	< 32 F	< 32 F	< 67 F	< 73 F	> 80 F	> 93 F	90
Dry Bulb	2760363	49167	54.6	9.093	900		.6	8.8	2.5			90
Wet Bulb	2011211	42193	46.9	6.036	900		1.6					90
Dew Point	1444268	35468	39.4	7.193	900		19.1					90

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25213 FORT NELSON BC/MUSKWA DUT APT
STATION NAME

57-66
YEARS

SEP
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
80/ 79																		.2	.1	.1														5	5		
78/ 77																		.3	.3	.3	.1													11	11		
76/ 75																		.7	.2	.4														13	13		
74/ 73																		.4	.3	.2	.1													18	18		
72/ 71											.1	.1	.1	.1	.1	.1	.1	.8	.3	.2	.1												13	13			
70/ 69								.1	.6	.9	.7	.8	.2				.9	.2	.1														31	31			
68/ 67								.3	.9	.9	.9	.9	.4				.9	.1	.1														32	32			
66/ 65					.1	.3	1.2	1.0	1.2	.9	.1	.1					.9	.1	.1														44	44			
64/ 63			.2	.1	.8	.7	.7	1.8	.2	.3							.3	.3															43	43	2		
62/ 61			.2	.8	2.1	2.1	2.4	1.0									1.0																78	78	14		
60/ 59		.1	.4	.8	1.4	2.3	1.7	.6									.6															66	66	22	1		
58/ 57		.8	.4	1.3	3.0	3.1	1.4	.2									.2															93	93	33	5		
56/ 55		.6	.9	1.3	1.8	2.6	1.1	.2																								76	76	55	3		
54/ 53		1.4	.4	.9	1.8	1.8	.3																									60	60	64	13		
52/ 51		.8	1.5	2.2	1.4	1.0	.7																									69	69	80	37		
50/ 49	.1	1.0	1.8	.9	.6	.3	1.2																									53	53	103	48		
48/ 47	.1	1.1	2.8	1.1	.4	.6																										55	55	127	50		
46/ 45	.1	2.4	.6	.4	.2	.1																										35	35	131	61		
44/ 43	.1	1.6	1.4	.2	.2	.1																										33	33	113	87		
42/ 41	.1	2.1	.4	.3	.1																											28	28	42	93		
40/ 39		.8	.4	.1	.2																											14	14	45	105		
38/ 37	.1	.4	.3																													11	11	32	104		
36/ 35	.1	1.0																														10	10	16	81		
34/ 33	.1	.1																														2	2	8	68		
32/ 31		.4																														4	4	7	34		
30/ 29	.2	.1																														3	3	6	40		
28/ 27																																				24	
26/ 25																																				15	
24/ 23																																				10	
22/ 21																																				13	
20/ 19																																				7	
18/ 17																																				1	
TOTAL	1	113	9	11	8	9	2	10	9	16	0	14	7	10	9	6	7	3	3	1	2	.2	.1									900	900	900	900		

USAFETAC FORM 0 26-5 (OL A) REVISION 5-67 ONE OF TWO PARTS USE PREVIOUS EDITIONS

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3269396	51232	56.9	19.817	900							90
Dry Bulb	2910003	50459	56.1	9.492	900			.7	12.3	4.7	.1	90
Wet Bulb	2065416	42754	47.5	6.187	900			1.3				90
Dew Point	1444961	35445	39.4	7.384	900			14.4				90

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA OUT APT

57-66

SEP

STATION

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														
74/ 73								.1	.1	.2								4	4																
72/ 71								.1	.1	.1								5	5																
70/ 67					.2	.1	.1	.4	.1	.1								10	10																
68/ 67				.1	.2	.2	.4	.1	.1									10	10																
66/ 65				.3	.3	.3	.4	.1	.2									16	16																
64/ 63			.2	.2	.7	.4	.7	.1										21	21																
62/ 61			.7	.6	1.1	1.2	.6	.1	.1									39	39																
60/ 59		.2	.7	.9	.9	.8	.2											29	29	5	10														
58/ 57		.2	.4	1.0	.4	.3	.2											31	31	24	5														
56/ 55	.1	.9	.9	1.3	1.8	1.3	.4	.1										62	62	29	16														
54/ 53	.1	1.3	1.4	2.4	2.0	1.1	.6											84	84	46	13														
52/ 51	.3	2.0	2.4	2.4	2.4	1.0	.2											98	98	61	26														
50/ 47	.4	1.3	3.4	1.9	1.3	.3												83	83	79	39														
48/ 47	.6	2.9	3.4	2.4	.4	.4												92	92	99	58														
46/ 45		4.1	7.8	1.7	.6													81	81	124	63														
44/ 43	.1	3.2	1.8	.7	.6													63	63	119	96														
42/ 41	1.2	4.0	1.7	.3	.1													66	66	113	112														
40/ 39	.4	2.0	1.2	.3	.2													38	38	65	119														
38/ 37	.2	1.3	.4	.3														22	22	49	91														
36/ 35	.8	1.3																19	19	28	70														
34/ 33	.2	.6	.6	.2														14	14	24	48														
32/ 31		.6	.1															6	6	2	32														
30/ 29	.3	.3	.1															7	7	12	26														
28/ 27																				4	14														
26/ 25																					13														
24/ 23																					7														
22/ 21																					7														
20/ 19																					1														
TOTAL	5.626	7.222	2.217	1.113	.9	7.9	4.1	1.4	.3	.2	.1							900	900	900	900														

USAF/ETAC FORM 12-65 (REV. 11-65)

Element	Σx	Σx²	x̄	s²	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F		≤ 93 F
Dry Bulb	4765612	65182	72.4	16.503	900							90
Wet Bulb	2292839	44813	49.8	8.239	900		1.3	2.9	.4			90
Dew Point	1365487	40373	45.1	6.364	900		2.5					90
	1519444	38446	40.3	6.980	900		12.0					90

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON BC/MUSKWA DDT APT

57-66

SEP
 MONTH

PAGE 1 2100-2300
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
66/ 65					.1	.2	.1	.1											5	5															
64/ 63						.3	.2	.1											6	6															
62/ 61		.1	.2	.4	.1	.4	.1												13	13															
60/ 59			.9	.6	.4	.2													16	16	1														
58/ 57		.3	.3	.8	.7	.2													23	23	4	1													
56/ 55	.1	.8	.3	.4	.1														16	16	24	7													
54/ 53	.2	.6	1.3	.4	.6	.1													29	29	15	13													
52/ 51	.2	2.8	1.7	1.0	1.3	.6													68	68	36	17													
50/ 49	.8	3.3	2.4	1.9	.7	.2													82	82	64	22													
48/ 47	1.3	3.0	2.2	1.0	.9	.1													92	92	73	74													
46/ 45	.7	4.8	2.7	1.2	.1														85	85	86	65													
44/ 43	1.2	6.8	2.7	.6															101	101	113	84													
42/ 41	1.3	7.3	1.7	.7															99	99	111	91													
40/ 39	1.8	6.3	1.3	.1	.1														91	91	126	132													
38/ 37	1.1	4.8	1.3	.2															67	67	85	97													
36/ 35	.6	2.7	.9																34	34	56	97													
34/ 33	1.4	1.6	.3																30	30	48	67													
32/ 31	.2	1.7	.4																21	21	26	57													
30/ 29	.7	.6	.2																13	13	16	28													
28/ 27	.1	.8																	8	8	10	21													
26/ 25		.1																	1	1	8	12													
24/ 23																						7													
22/ 21																						5													
20/ 19																						3													
TOTAL	11.6	50.2	21.8	9.3	4.8	2.4	.4	.2											900	900	900	900													

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6303653	74419	82.7	12.922	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1837944	40146	44.6	7.312	900		4.3					90
Wet Bulb	1623889	37810	42.0	6.279	900		6.0					90
Dew Point	1427533	35351	39.3	6.585	900		13.3					90

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT 57-66 OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200

HOURS ... 5 ... 7

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						.1	.1											2	2																
56/ 55					.3	.2												7	7																
54/ 53					.1	.2	.1											4	4																
52/ 51						.4												4	4	2															
50/ 49			.2		.4	.2	.1											11	11	1															
48/ 47		.1	.1		.1	.3	.1											7	7	7	1														
46/ 45	.2	.4	.6		.2	.2												17	17	12	4														
44/ 43	.3	.4	.1		.3	.1												14	14	16	6														
42/ 41	.1	1.1	.3		.2	.2												20	20	10	7														
40/ 39	.2	1.9	1.3		.4	.1												37	37	27	20														
38/ 37	.4	2.7	.9		.6	.1												48	48	48	26														
36/ 35	.9	3.3	1.4		.3													59	59	46	35														
34/ 33	2.0	6.2	1.4															95	95	73	63														
32/ 31	3.8	7.1	2.0															120	120	123	82														
30/ 29	4.6	6.6	.9															112	112	130	95														
28/ 27	3.1	4.0	.4															73	73	103	115														
26/ 25	3.2	3.2																60	60	73	86														
24/ 23	3.3	2.7																56	56	60	77														
22/ 21	2.0	2.2																39	39	41	90														
20/ 19	1.6	1.0																24	24	34	45														
18/ 17	3.7	.9																39	39	39	36														
16/ 15	.6	.3																11	11	12	44														
14/ 13	2.3	.2																29	29	26	21														
12/ 11	1.6																	15	15	16	20														
10/ 9	.9																	8	8	8	17														
8/ 7	.9																	8	8	8	12														
6/ 5	.2																	2	2	2	8														
4/ 3	.4																	4	4	4	4														
2/ 1																					3														
0/ -1	.1																	1	1	1	1														
-2/ -3	.4																	4	4	4															
-4/ -5	.2																	2	2	2	2														
-6/ -7																					3														
-8/ -9	.2																	2	2	2	2														
Element (X)	Σ x ²	Σ x	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
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

25218 FORT NELSON BC/MUSKWA DJT APT

57-66

0CT

PAGE 1 0300-0900

MONTH

YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
58/57					.1	.1												2	2																
56/55						.3												3	3																
54/53						.2	.1											3	3																
52/51			.1		.3	.2												6	6																
50/49		.1	.3	.1	.1	.1												6	6	1															
48/47			.4	.1	.2	.2												6	6	6															
46/45		.2	.3	.1	.1	.1												7	7	5	2														
44/43	.2	.3	.3	.2	.2	.1												14	14	12	7														
42/41	.1	1.1	.2	.2	.1													16	16	15	3														
40/39		1.6	.4	.3														22	22	18	17														
38/37	1.1	1.2	1.0	.3														33	33	31	26														
36/35	.3	4.2	.8	.5														54	54	28	21														
34/33	3.3	4.3	1.1	.1														82	82	88	46														
32/31	4.6	5.4	1.0															102	102	89	91														
30/29	4.4	9.1	1.1															136	136	122	84														
28/27	4.8	4.8	.1															91	91	132	108														
26/25	3.8	3.8																71	71	88	111														
24/23	2.3	3.1																52	52	59	81														
22/21	4.2	1.2																50	50	54	79														
20/19	1.9	1.9																33	33	34	62														
18/17	3.1	.8																36	36	42	32														
16/15	1.9	.2																20	21	21	37														
14/13	1.5	.2																14	14	13	29														
12/11	3.0	.1																29	29	29	15														
10/9	.9																	8	8	9	25														
8/7	.9																	8	8	8	17														
6/5	.9																	8	8	8	10														
4/3	.2																	2	2	2	8														
2/1	.3																	3	3	3	3														
0/0	.3																	3	3	3	3														
-2/-3	.5																	3	3	3	2														
-4/-5	.5																	5	5	5	1														
-6/-7																					4														
-8/-9	.1																	1	1	1	4														
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 (01-A) REVISÉ WEATHER DIVISION OF THE AIR FORCE 1-6-57

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA OUT APT

57-66

OCT

STATION

STATION NAME

YEARS

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														
60/ 59							.1											1		1															
58/ 57							.1	.2										3		3															
56/ 55					.1	.1	.2											4		4															
54/ 53					.1	.1	.1											7		2															
52/ 51				.1	.1	.2												5		5															
50/ 49					.3	.2												4		5		4													
48/ 47			.1		.1	.1												2		2		4													
46/ 45			.3		.1	.1												5		5		6													
44/ 43			.2		.1	.4												3		8		7													
42/ 41	.1	1.1	.3		.1	.2												17		17		10													
40/ 39	.2	2.2	1.2		.1	.2												34		34		19													
38/ 37	.4	1.4	.3		.2	.1												23		23		27													
36/ 35	1.2	2.2	1.3	.3	.3													50		50		41													
34/ 33	1.9	5.3	.3		.3													72		72		53													
32/ 31	4.1	6.1	.8		.3													102		102		82													
30/ 29	3.1	8.7	.3		.3													117		117		104													
28/ 27	6.0	6.6	.4		.4													121		121		151													
26/ 25	3.2	3.7																64		65		87													
24/ 23	2.3	2.6																45		45		51													
22/ 21	3.9	2.3																57		57		57													
20/ 19	2.6	1.3																36		36		43													
18/ 17	3.4	.4																36		36		39													
16/ 15	2.3	.4																27		27		26													
14/ 13	1.8	.2																19		19		21													
12/ 11	1.2																	11		11		12													
10/ 9	2.2	.1																21		21		21													
8/ 7	1.3																	12		12		12													
6/ 5	1.0																	9		9		9													
4/ 3	.9																	8		8		8													
2/ 1	.1																	1		1		1													
0/ -1	.5																	5		5		5													
-2/ -3	.4																	4		4		4													
-4/ -5	.2																	2		2		2													
-6/ -7	.1																	1		1		1													
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Ref. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2521st PORT NELSON DC/MUSKWA OUT APT

57-66

OCT

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100

0900-1100

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														
68/ 67								.1	.1									1	1																
66/ 65								.1	.1									1	1																
64/ 61								.2	.2									2	2																
62/ 61								.3	.2									5	5																
60/ 59								.1	.1									3	3																
58/ 57						.1	.1	.1	.2									4	4																
56/ 55						.1	.2	.1	.1									4	4																
54/ 53						.3	.4	.4	.1									7	7																
52/ 51					.4	.1	.1	.1	.1									9	9	2															
50/ 49				.8	.3	.3	.2	.2	.1									15	15	8															
48/ 47		.1	.4	.2	.4	.4	.1											17	17	5															
46/ 45		.3	.4	1.1	1.1	.1												35	35	15															
44/ 43		.8	1.4	.4	.4	.4												33	33	21	3														
42/ 41	.1	1.8	1.0	1.0	.3	.3												47	47	31	9														
40/ 39	.2	1.0	3.1	1.3	.3	.1												55	55	54	34														
38/ 37	.8	2.4	2.1	.6	.1													55	55	59	36														
36/ 35	.8	3.9	3.2	.8	.1													80	80	78	42														
34/ 33	.9	5.9	2.4	.2														86	86	83	68														
32/ 31	2.3	4.8	1.4															79	79	113	87														
30/ 29	1.5	5.4	1.3															76	76	89	86														
28/ 27	1.5	5.3	.3	.1														67	67	80	118														
26/ 25	1.2	3.0	.3															42	42	62	97														
24/ 23	1.3	3.0																40	40	44	62														
22/ 21	1.9	2.3	.2															41	41	49	52														
20/ 19	2.2	1.2	.1															32	32	36	71														
18/ 17	1.4	1.5																27	27	27	43														
16/ 15	1.7	.3																19	19	26	33														
14/ 13	1.4	.4																17	17	16	17														
12/ 11	1.2	.2																13	13	12	28														
10/ 9	.6	.1																7	7	8	15														
8/ 7	.3																	3	3	4	14														
6/ 5	.2																	2	2	2	4														
4/ 3	.4																	4	4	4	3														
2/ 1	.1																	1	1	1	5														
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25210 FORT NELSON BC/HUSKWA DUT APT
STATION NAME

57-66
YEARS

JUL
MONTH

PAGE 1 1200-1400
HOURS U.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															
68 / 67																			3	3															
66 / 65								.2	.3										8	8															
64 / 63							.2	.2	.3											8															
62 / 61						.2	.3	.2	.2	.4	.2								15	15															
60 / 59						.2	.2	.4	.4	.1									13	13															
58 / 57							.4	.6	.4	.4									19	19															
56 / 55			.2		.9	.8	.6	.4	.4										30	30	1														
54 / 53			.2	.6	.5	1.5	.6	.3											36	36	5														
52 / 51			.2	.5	1.2	1.5	.8	.6											45	45	17														
50 / 49			.2	.9	1.5	2.2	1.0	.1											54	54	10	1													
48 / 47				1.3	1.6	1.0	.5												43	43	34	4													
46 / 45		.1	1.2	1.3	1.6	1.0													48	48	34	6													
44 / 43		1.1	1.1	1.3	.9														37	37	54	7													
42 / 41		1.4	1.4	2.0	.9	.3													51	51	83	21													
40 / 39		.9	1.5	1.5	2.3	.4													58	58	80	35													
38 / 37		.1	2.4	2.9	1.1	.2													56	59	82	42													
36 / 35		.2	1.7	2.5	1.0	.1													51	51	85	79													
34 / 33		.8	3.7	2.2	.2														62	62	72	67													
32 / 31	1.0	3.3	2.7																64	64	70	70													
30 / 29	.8	3.1	1.8	.1															54	54	72	90													
28 / 27	.5	2.4	1.1																36	36	59	109													
26 / 25	.1	1.8	.2																20	20	38	87													
24 / 23	.6	4.1	.2																46	46	35	60													
22 / 21	.1	2.8																	21	21	33	70													
20 / 19	1.3	.8																	19	19	32	59													
18 / 17	.5	.3																	8	8	10	54													
16 / 15	.4	.4																	8	8	9	30													
14 / 13	.8																		7	7	8	19													
12 / 11	.1	.1																	2	2	2	10													
10 / 9																						3													
8 / 7	.3																		3	3	3	3													
6 / 5	.1																		1	1	1	3													
4 / 3																						1													

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

USAFETAC Form 0-26-5 (CL A) REVISED REVISIONS EDITORS OF THIS FORM ARE QUALIFIED

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

45218 FLEET WELSHIN RC/MUSKWA DUT APT
STATION NAME

57-66

YEARS

DCY

MONTH

PAGE 1 1500-1700

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		
68/ 67																																			4	4		
66/ 65																																			11	11		
64/ 62																																			4	4		
62/ 61																																			20	20		
60/ 59																																			22	22		
58/ 57																																			17	17		
56/ 55																																			28	28		5
54/ 53																																			33	33		7
52/ 51																																			49	49	13	2
50/ 49																																			42	42	31	6
48/ 47																																			70	70	19	3
46/ 45																																			50	50	47	10
44/ 43																																			39	39	47	8
42/ 41																																			52	52	82	22
40/ 39																																			42	42	91	33
38/ 37																																			45	45	80	59
36/ 35																																			49	49	64	63
34/ 33																																			71	71	73	67
32/ 31																																			62	62	77	71
30/ 29																																			68	68	74	82
28/ 27																																			30	30	66	112
26/ 25																																			25	25	36	95
24/ 23																																			31	31	32	61
22/ 21																																			21	21	36	52
20/ 19																																			13	13	17	66
18/ 17																																			14	14	14	54
16/ 15																																			7	7	8	27
14/ 13																																			3	3	3	15
12/ 11																																			1	1	1	11
10/ 9																																			3	3	3	2
8/ 7																																			2	2	2	2
6/ 5																																			1	1	1	2
4/ 3																																						2
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																											
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

USAF/ETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAF
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON AC/MUSKWA DUT APT 57-66

OCT

PAGE 2 1500-1700
MONTH

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	8.7	29.8	10.4	13.1	11.1	8.9	6.2	3.6	1.3	0.9																								929	930	929	929																																																																								
<table border="1"> <thead> <tr> <th>Element (X)</th> <th>Σx^2</th> <th>Σx</th> <th>\bar{x}</th> <th>s^2</th> <th>No. Obs.</th> <th colspan="6">Mean No. of Hours with Temperature</th> <th>Total</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>≤ 0 F</th> <th>≤ 32 F</th> <th>≤ 67 F</th> <th>≤ 73 F</th> <th>≤ 80 F</th> <th>≤ 93 F</th> <th></th> </tr> </thead> <tbody> <tr> <td>Rel. Hum.</td> <td>4505050</td> <td>61962</td> <td>66.72</td> <td>20.031</td> <td>929</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Dry Bulb</td> <td>1596919</td> <td>36919</td> <td>39.71</td> <td>11.889</td> <td>930</td> <td></td> <td>28.2</td> <td>0.4</td> <td></td> <td></td> <td></td> <td>93</td> </tr> <tr> <td>Wet Bulb</td> <td>1193673</td> <td>32305</td> <td>34.8</td> <td>8.704</td> <td>929</td> <td></td> <td>37.0</td> <td></td> <td></td> <td></td> <td></td> <td>93</td> </tr> <tr> <td>Dew Point</td> <td>790519</td> <td>26073</td> <td>28.1</td> <td>7.958</td> <td>929</td> <td></td> <td>65.5</td> <td></td> <td></td> <td></td> <td></td> <td>93</td> </tr> </tbody> </table>																																Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total							≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F		Rel. Hum.	4505050	61962	66.72	20.031	929								Dry Bulb	1596919	36919	39.71	11.889	930		28.2	0.4				93	Wet Bulb	1193673	32305	34.8	8.704	929		37.0					93	Dew Point	790519	26073	28.1	7.958	929		65.5					93
Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total																																																																																																	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																																																																																																		
Rel. Hum.	4505050	61962	66.72	20.031	929																																																																																																								
Dry Bulb	1596919	36919	39.71	11.889	930		28.2	0.4				93																																																																																																	
Wet Bulb	1193673	32305	34.8	8.704	929		37.0					93																																																																																																	
Dew Point	790519	26073	28.1	7.958	929		65.5					93																																																																																																	

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON DC/MUSKWA DUT APT 57-66

NOV
MONTH

PAGE 1 0000-0200

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 P.	
44/43																																		1	1		
42/41					.1																													2	2		
40/39																																		7	2		
38/37					.2																													6	6	2	
36/35					.7																													12	12	5	
34/33					.8																													10	10	8	4
32/31			.3		.1																													13	13	24	13
30/29			.1		.8																													8	8	8	9
28/27			.8		1.0																													14	15	15	5
26/25			.8		.7																													13	13	17	19
24/23			1.3		1.7																													23	28	23	23
22/21			1.9		3.1																													45	45	40	19
20/19			4.4		1.8																													55	55	60	36
18/17			2.7		.8																													31	31	33	58
16/15			4.3		.1																													39	39	45	39
14/13			3.0		.8																													34	34	32	44
12/11			3.1		.3																													31	31	32	27
10/9			6.4		.2																													59	59	59	35
8/7			4.8		.2																													43	43	45	47
6/5			4.9																															44	44	45	58
4/3			4.6																															41	41	41	32
2/1			6.3																															56	56	56	45
0/-1			3.1																															28	28	28	56
-2/-3			5.9		.1																													54	54	53	28
-4/-5			2.7		.1																													25	25	26	44
-6/-7			3.2		.2																													31	31	29	37
-8/-9			3.5																															31	31	33	29
-10/-11			3.5																															31	31	31	23
-12/-13			2.0		.2																													20	20	20	32
-14/-15			1.4																															16	16	16	29
-16/-17			1.4																															17	13	13	22
-18/-19			.8																															7	7	7	12
-20/-21			.8																															5	5	5	15
-22/-23			1.3																															12	12	12	7

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_s	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
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

25218 FORT NELSON BC/MUSKWA DUT APT 57-66

NOV
 MONTH

PAGE 2 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															
-24/-25	1.2																		11	11	11	7														
-26/-27	.4																		4	4	4	8														
-28/-29	.9																		8	8	8	9														
-30/-31	.3																		3	3	3	10														
-32/-33	.5																		5	5	5	5														
-34/-35																							2													
-36/-37																					6		8													
-38/-39																							2													
TOTAL	2.6	14.9	1.3	.7	.3														894	900	894	894														

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	6628245	76705	85.8	7.253	894							90
Dry Bulb	740140	5312	5.9	15.240	900	31.0	86.7					90
Wet Bulb	218386	5272	5.9	14.482	894	30.6	88.5					90
Dew Point	208888	2414	2.7	15.054	894	38.4	89.6					90

USAF ETAC 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

25218 FORT NELSON BC/MUSKWA DUT APT

57-66

NOV
 MONTH

PAGE 1 0300-0500
 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
42/ 41				.2														2	2																
40/ 39				.1														2	2																
38/ 37					.1													1	1																
36/ 35		.3	.4	.1														5	8	3															
34/ 33		.4	.4															11	11	4	1														
32/ 31	.4	.4	.4															12	18	20	6														
30/ 29	.1	.7																7	7	14	11														
28/ 27	.1	.4	.1															10	10	12	10														
26/ 25	.7	1.2																17	17	19	10														
24/ 23	1.0	1.9																26	26	19	28														
22/ 21	1.0	1.9	.1															27	27	32	14														
20/ 19	4.4	1.3																51	51	52	24														
18/ 17	4.1	.8																44	44	47	37														
16/ 15	4.4	.8																46	46	45	47														
14/ 13	3.7	.7																39	39	42	42														
12/ 11	3.5	.4																35	35	33	44														
10/ 9	3.6	.3																35	35	36	32														
8/ 7	5.0																	45	45	46	32														
6/ 5	5.9																	53	53	53	46														
4/ 3	6.4																	57	57	57	42														
2/ 1	4.9																	44	44	44	63														
0/ -1	2.9	.1																27	27	26	50														
-2/ -3	4.3	.2																40	40	41	23														
-4/ -5	4.3																	38	38	38	36														
-6/ -7	4.6																	41	41	41	37														
-8/ -9	3.1																	28	28	28	34														
-10/-11	2.7	.2																26	26	24	40														
-12/-13	2.6	.1																24	24	26	31														
-14/-15	1.9																	17	17	17	19														
-16/-17	1.8																	16	16	16	21														
-18/-19	.9																	8	8	8	15														
-20/-21	.4																	7	7	7	20														
-22/-23	1.1																	10	10	10	9														
-24/-25	1.1																	10	10	10	4														

Element (X)	Σx	Σx^2	\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

2521R FORT NELSON BC/MUSKWA DJT APT 57-66

NOV
MONTH

PAGE 2 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															
-26/-27	.0																	5	5	5	5	7														
-28/-29	.0																	5	5	5	5	4														
-30/-31	.4																	4	4	4	4	11														
-32/-33	.7																	6	6	6	6	7														
-34/-35	.4																	4	4	4	4	5														
-36/-37																			2			4														
-38/-39																			4			3														
-40/-41																						1														
-42/-43																						1														
-44/-45																						1														
TOTAL	4.0	13.6	1.7	.4	.2													894	900	894	894															

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6684804	77066	86.2	6.812	894							90
Dry Bulb	230822	4576	5.115	1.95	900	32.2	87.6					90
Wet Bulb	210507	4575	5.114	1.95	894	31.8	89.3					90
Dew Point	204032	1787	2.014	0.82	894	38.6	89.9					90

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

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DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25210 FORT NELSON AC/MUSKWA DDT APT 57-66 NJV
STATION MONTH YEARS HOURS U.S.T.

PAGE 1 0600-0800

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point													
40/ 39			.1															1		1															
38/ 37			.1															2		2															
36/ 35			.2															6		6															
34/ 33			.3															5		5		2													
32/ 31		.4	.3															14		15		16													
30/ 29		.7	.6															14		14		11													
28/ 27		.1	.4	.2														7		7		11													
26/ 25		.7	.7															12		12		18													
24/ 23		1.3	.9															20		20		17													
22/ 21		1.3	1.3															25		25		21													
20/ 19		3.0	1.8															43		43		41													
18/ 17		4.4	1.1															49		49		58													
16/ 15		5.7	1.1															61		61		55													
14/ 13		4.2	.9															45		45		49													
12/ 11		2.8	.3															28		28		28													
10/ 9		5.1																49		49		52													
8/ 7		4.7																42		42		42													
6/ 5		7.2	.2															66		66		65													
4/ 3		3.1	.1															29		29		30													
2/ 1		3.7	.1															34		34		33													
0/ -1		2.4																25		25		26													
-2/ -3		4.4	.1															40		40		40													
-4/ -5		6.4																56		56		56													
-6/ -7		4.4																39		39		39													
-8/ -9		3.6																32		32		32													
-10/-11		2.8																25		25		25													
-12/-13		2.1																19		19		19													
-14/-15		1.9																13		13		13													
-16/-17		1.8	.1															17		17		16													
-18/-19		1.7	.1															16		16		16													
-20/-21		2.2																20		20		21													
-22/-23		.6																5		5		5													
-24/-25		.6																5		5		5													
-26/-27		.8																7		7		7													
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
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 ETAL
 AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DHT APT

57-66

NOV

STATION

STATION NAME

YEARS

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				
-28/-29	.4																	5	3	5	3			
-30/-31	.7																	4	6	6	5			
-32/-33	.3																	3	3	3	7			
-34/-35	.4																	4	4	4	4			
-36/-37																			4		5			
-38/-39																			4		4			
-40/-41																			2		1			
TOTAL	6.6	1.7	1.7															890	900	890	890			

Element (X)	$\sum X^2$	$\sum X$	\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.	6548144	76738	86.2	5.962	890							
Dry Bulb	222278	3810	4.2	15.143	900	34.7	88.6					90
Wet Bulb	199718	4022	4.3	14.290	890	34.2	89.5					90
Dew Point	193147	1241	1.4	14.864	890	38.7	89.8					90

USAFETAC FORM 0 26 5 (O. A.) REPRODUCIBLES EDITIONS OF THIS FORM ARE AVAILABLE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

75218 FORT NELSON FGMUSKWA DUT APT 57-66

ANV

PAGE 1 0900-1100

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 P.	
48/47																																		2	2			
42/41																																		5	6			
40/39																																		4	3			1
38/37																																		5	5			7
36/35																																		7	7			3
34/33																																		13	13			4
32/31																																		6	6			17
30/29																																		17	10			12
28/27																																		15	13			10
26/25																																		19	18			13
24/23																																		21	21			17
22/21																																		34	35			27
20/19																																		48	48			47
18/17																																		50	50			57
16/15																																		39	39			41
14/13																																		54	54			58
12/11																																		47	42			41
10/9																																		42	42			44
8/7																																		57	57			58
6/5																																		50	50			50
4/3																																		31	31			29
2/1																																		28	28			31
0/-1																																		35	35			34
-2/-3																																		46	46			46
-4/-5																																		56	56			56
-6/-7																																		37	37			37
-8/-9																																		18	18			19
-10/-11																																		20	20			24
-12/-13																																		18	18			18
-14/-15																																		15	15			15
-16/-17																																		14	14			14
-18/-19																																		14	14			14
-20/-21																																		6	6			6
-22/-23																																		7	7			7
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/HAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA INT APT 57-66

VJY

PAGE 2 0900-1100

HOURS U.S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-24/-25	1.1																	10	10	10	10														
-26/-27	.8	.1																8	8	7	4														
-28/-29	.3																	3	3	4	7														
-30/-31	.3																	3	3	3	9														
-32/-33	.3																	3	3	3	7														
-34/-35	.1																	1	1	1	4														
-36/-37																			3		3														
-38/-39																			3		1														
-40/-41																					2														
TOTAL	17.4	18.8	2.4	1.0	.2	.1													894	900	894														

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Rel. Hum.	6323302	74910	83.8	7.212	894							
Dry Bulb	238573	5589	6.215	0.59	900	32.0	86.4					90
Wet Bulb	212490	5476	6.114	1.56	894	31.6	88.4					90
Dew Point	198412	2254	2.514	6.91	894	37.2	89.5					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 HEATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25219 FORT NELSON BC/MUSKWA OUT ART 57-66

NOV

PAGE 1 1200-1400

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										.1								1	1																
52/ 51										.2								2	2																
50/ 49									.1	.1								2	2																
48/ 47									.1	.3								4	4																
46/ 45					.3	.2	.1		.1	.4								6	6	1															
44/ 43			.1		.2	.1	.4											6	6																
42/ 41			.2	.2	.9	.1												10	10	3															
40/ 39			.4		.1													5	5	6															
38/ 37		.1	.3	.6	.1													10	10	4															
36/ 35		.1	.6	.2														8	8	11	1														
34/ 33		.6	.8	.1														11	11	15	10														
32/ 31		.9	.7															14	14	19	4														
30/ 29	.1	1.0																16	16	17	9														
28/ 27	.3	1.6	.6															22	22	17	13														
26/ 25	.9	3.2																37	37	35	21														
24/ 23	.6	2.7																29	29	35	23														
22/ 21	.8	4.6																48	48	41	36														
20/ 19	1.3	3.0	.1															40	40	53	47														
18/ 17	2.7	2.0																47	47	48	49														
16/ 15	3.2	3.3																59	59	53	63														
14/ 13	3.8	1.4																47	47	58	46														
12/ 11	3.1	1.0																37	37	39	51														
10/ 9	3.4	1.0																40	40	43	50														
8/ 7	4.7	1.3																54	54	49	45														
6/ 5	3.6	1.2																43	43	42	44														
4/ 3	4.2	1.1																48	48	53	34														
2/ 1	3.6	.3																35	35	36	41														
0/ -1	4.6	.2																43	43	43	44														
-2/ -3	3.0	.2																29	29	28	46														
-4/ -5	2.7	.2																26	26	27	46														
-6/ -7	2.9	.3																29	29	29	27														
-8/ -9	1.6																	14	14	15	23														
-10/-11	1.7	.2																17	17	17	24														
-12/-13	1.2	.2																13	13	13	16														
Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT 57-66

NOV
 MONTH

STATION NAME YEARS

PAGE 2 1200-1400

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														
-14/-15	1.3	.2																14	14	12	18														
-16/-17	1.0																	9	9	11	13														
-18/-19	.3	.1																4	4	3	12														
-20/-21	.8																	7	7	8	11														
-22/-23	.2																	2	2	2	8														
-24/-25	.4																	4	4	4	3														
-26/-27	.2	.1																3	3	3	5														
-28/-29	.2																	2	2	2	4														
-30/-31	.2																	2	2	2	7														
-32/-33	.1																	1	1	1															
-34/-35																					3														
-36/-37																					2														
-40/-41																					1														
TOTAL	4.7	2.9	4.2	1.4	1.2	.8	.8											900	900	900	900														

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	
Rel. Hum.	3877868	72154	80.210182		900							90
Dry Bulb	306845	9829	10.914897		900	21.9	83.5					90
Wet Bulb	261890	9044	10.013792		900	22.0	85.8					90
Dew Point	201362	5134	5.713833		900	31.3	88.9					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

25215 FORT NELSON BC/MUSKWA DIST APT 57-66

NOV
MONTH
PAGE 1 1500-1700
HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
54/ 53									.1									1	1																
50/ 49									.1									1	1																
48/ 47									.1									1	1																
46/ 45				.2				.4	.1									7	7																
44/ 43			.1					.3	.1									5	5																
42/ 41			.1					.1	.4									3	3	4															
40/ 39		.1	.2					.1	.4									7	7	1															
38/ 37		.4	.1					.1	.1									7	7	5	1														
36/ 35		.1	.3					.6	.1									9	9	11	1														
34/ 33	.1	.4	.6					.1										11	11	6	7														
32/ 31	.1	1.0	.6															15	15	16	3														
30/ 29	.2	1.2	.6															18	18	25	10														
28/ 27	.2	2.3	.1															26	26	21	13														
26/ 25	1.1	2.9	.3															39	39	38	23														
24/ 23	.7	3.2																35	35	39	21														
22/ 21	1.6	3.3																44	44	48	45														
20/ 19	3.1	2.6																51	51	57	50														
18/ 17	2.8	2.4																47	47	43	55														
16/ 15	2.9	1.9																43	43	49	63														
14/ 13	2.4	1.6																36	36	39	43														
12/ 11	4.2	.3																41	41	43	40														
10/ 9	5.2	1.1																57	57	54	36														
8/ 7	5.4	.7																55	55	56	63														
6/ 5	3.4	.7																37	37	40	44														
4/ 3	3.8	.4																38	38	37	42														
2/ 1	5.0	.1																46	46	47	34														
0/ -1	4.3																	39	39	40	44														
-2/ -3	2.8																	25	25	25	42														
-4/ -5	3.2	.1																30	30	30	45														
-6/ -7	3.2																	29	29	29	26														
-8/ -9	1.9	.2																19	19	18	20														
-10/-11	1.6	.1																15	15	15	24														
-12/-13	1.4																	13	13	14	22														
-14/-15	.7																	6	6	6	16														

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						< 0 F	> 32 F	> 67 F	> 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

25218 FORT NELSON RG/MUSKWA DUT APT

57-66

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1500-1700

HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	De- Point		
-16/-17	1.0																																		9	9	9	6
-18/-19	.7																																		6	6	6	9
-20/-21	.7																																	6	6	6	13	
-22/-23	.9																																	8	8	8	5	
-24/-25	.8																																	7	7	7	7	
-26/-27	.6																																	4	4	4	4	
-28/-29	.2																																	2	2	2	10	
-30/-31	.1																																	1	1	1	5	
-32/-33	.1																																	1	1	1	4	
-34/-35																																					2	
-36/-37																																					1	
-38/-39																																					1	
TOTAL	6.3	7.6	3.2	.8	.8	1.0	.2	.1																											900	900	900	900

Element (X)	$\Sigma X'$	ΣX	\bar{X}	S_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$< 32 F$	$\geq 67 F$	$< 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Rel. Hum.	6178938	74080	82.3	9.511	900							
Dry Bulb	291741	9375	10.4	14.693	900	22.0	84.8					90
Wet Bulb	257047	8771	9.7	13.815	900	22.1	87.3					90
Dew Point	207401	5243	5.8	14.026	900	30.6	89.1					90

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON BC/MUSKWA DUT APT 57-66

NOV

PAGE 1 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
44/43					.3	.1												4	4						
42/41						.4												4	4						
40/39			.2		.1	.1												4	4						
38/37			.1															2	2						
36/35			.7		.3													13	13	9	3				
34/33		1.0																11	11	12	2				
32/31	.1	.7																8	8	16	9				
30/29	.2	.4																9	9	10	6				
28/27	.4	.7																15	15	13	13				
26/25	1.1	2.0																29	29	21	23				
24/23	1.6	2.7																41	41	43	17				
22/21	2.3	2.0																39	39	40	32				
20/19	2.9	1.7																41	41	47	37				
18/17	4.2	1.7																53	53	54	45				
16/15	2.6	.6																28	28	33	60				
14/13	3.0	1.0																36	36	35	38				
12/11	4.7	.8																49	49	50	33				
10/9	7.2	.3																68	68	67	40				
8/7	5.8	.3																55	55	58	66				
6/5	3.9																	35	35	35	63				
4/3	3.3	.1																31	31	31	39				
2/1	4.7																	42	42	42	28				
0/-1	4.7																	42	42	42	38				
-2/-3	4.8																	41	41	41	32				
-4/-5	3.7	.1																34	34	33	35				
-6/-7	2.7																	24	24	25	35				
-8/-9	3.9	.1																36	36	36	21				
-10/-11	2.8																	25	25	25	26				
-12/-13	1.0																	9	9	9	31				
-14/-15	.9																	8	8	8	26				
-16/-17	.4	.1																5	5	4	9				
-18/-19	.8																	7	7	8	6				
-20/-21	1.1																	10	10	10	3				
-22/-23	1.2																	11	11	11	9				
Element (X)	Σx'	Σx	Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature						Total												
Rel. Hum.					≥ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F															
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

25218 FORT NELSON BC/MUSKWA DJT APT 57-66

NOV

STATION NAME STATION YEARS MONTH HOURS (L. S. T.)
PAGE 2 1800-2000

Temp. (F)	WFT BULB TEMPERATURE DEPRESSION (F)																				TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point		
-24/-25	.4																				7	7	7	11
-26/-27	1.1																				10	10	10	9
-28/-29	1.0																				9	9	9	7
-30/-31	.1																				1	1	1	8
-32/-33	.3																				3	3	3	10
-34/-35	.1																				1	1	1	5
-36/-37																								3
-40/-41																								2
TOTAL	79.4	17.3	1.4	.8	.6	.1														900	900	900	900	

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	6570672	76602	85.1	7.519	900							
Dry Bulb	249072	6760	7.5	14.852	900	28.3	86.2					90
Wet Bulb	230919	6427	7.1	14.346	900	28.3	87.8					90
Dew Point	210341	3449	3.8	14.808	900	34.6	89.5					90

USAFETAC FORM 0-26 5 (O.L.A.) REVISED PREVIC JUL 64 SOME OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DOT APT 57-66 NUV
STATION STATION NAME YEARS MONTH

PAGE 1 2100-2300
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
42/41					.2	.1												7	3																
40/39			.2		.1	.3												6	6																
38/37			.3	.2	.1	.1												7	7	3															
36/35			.2	.3														5	5	5	2														
34/33	.1	.8		.3	.1													12	12	10	2														
32/31	.2	.8																9	9	14	7														
30/29	.4	.3																7	7	14	15														
28/27	.6	1.0																14	14	11	9														
26/25	.8	.8	.3															17	17	15	18														
24/23	1.6	2.9																40	40	32	13														
22/21	2.6	1.9																40	40	46	33														
20/19	2.9	1.3																38	38	42	31														
18/17	4.2	.9																46	46	46	47														
16/15	4.3	.4																43	43	46	57														
14/13	2.6	.6																28	28	27	42														
12/11	3.9	.7																41	41	40	23														
10/9	4.9	.3																47	47	50	36														
8/7	6.1	.3																58	58	59	45														
6/5	4.8																	43	43	44	56														
4/3	5.5	.2																51	51	50	47														
2/1	4.4	.1																41	41	41	44														
0/ -1	4.8	.1																44	44	44	46														
-2/ -3	4.1																	37	37	38	31														
-4/ -5	3.3																	30	30	30	47														
-6/ -7	3.6																	32	32	32	36														
-8/ -9	3.6																	32	32	32	31														
-10/ -11	3.0																	27	27	27	29														
-12/ -13	1.8																	16	16	16	21														
-14/ -15	1.8	.1																17	17	17	27														
-16/ -17	.9																	8	8	8	18														
-18/ -19	.3																	3	3	3	12														
-20/ -21	1.4																	13	13	13	9														
-22/ -23	.9																	8	8	8	7														
-24/ -25	.9																	8	8	8	11														
Element (X)	Σ x'	Σ x	̄x	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	- 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

2

DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON BC/MUSKWA DUT APT 57-66

NOV
MONTH

PAGE 2 2100-2300
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-26/-27	.9																																8	8	8	6
-28/-29	1.1																															10	10	10	8	
-30/-31	.3																															3	3	3	13	
-37/-33	.2																															2	2	2	4	
-34/-35	.3																															5	5	5	5	
-36/-37																																	1			4
-38/-39																																			3	
-40/-41																																			2	
TOTAL	3.3	1.4	3	1.2		.6	.6																									899	900	899	899	

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6689019	77277	86.0	7.186	899	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	236982	5592	6.2	14.999	900	30.4	86.7					90
Wet Bulb	221921	5373	6.0	14.539	899	30.4	88.2					90
Dew Point	209939	2537	2.8	15.027	899	37.2	89.6					90

USAFETAC FORM D-26-5 (D-1A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON EC/HUSKWA DDT APT

57-66

DEC

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
38/37				.1																													1	1			
34/33																																		2	2		
32/31			.4																															4	4	3	
30/29	.1	.2																																3	3	5	2
28/27		.1	.1																															2	2	3	4
26/25	.2	.3																																3	3	2	
24/23	.7	.1																																7	7	10	6
22/21	1.0	.7																																15	15	13	8
20/19	.7	.7																																12	12	10	12
18/17	1.0	.3																																12	12	14	10
16/15	.7	.1																																7	7	9	10
14/13	1.0	.3																																12	12	9	12
12/11	3.4	.6																																36	36	37	9
10/9	4.1	.2																																39	39	40	23
8/7	4.8	.2																																45	45	45	39
6/5	4.4	.4																																44	44	43	49
4/3	3.9	.1																																54	54	56	30
2/1	3.2																																	29	29	29	53
0/-1	5.2	.1																																48	48	48	46
-2/-3	6.8	.1																																62	62	62	30
-4/-5	6.8	.1																																62	64	61	38
-6/-7	5.1	.2																																48	48	47	64
-8/-9	5.7																																	51	52	53	58
-10/-11	5.0	.1																																46	46	45	43
-12/-13	3.9																																	35	35	36	49
-14/-15	3.0																																	27	27	27	40
-16/-17	3.1																																	28	28	28	32
-18/-19	3.6																																	32	32	32	32
-20/-21	2.8																																	25	25	25	26
-22/-23	1.3	.1																																13	14	12	33
-24/-25	2.4																																	22	22	23	25
-26/-27	2.0																																	18	18	18	13
-28/-29	2.6																																	23	23	23	10
-30/-31	1.3	.1																																13	13	13	26
Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.		Mean No. of Hours with Temperature							Total																							
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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA OUT APT 57-66

DEC

STATION STATION NAME YEARS MONTH
PAGE 2 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														
32/33	1.6																	14	14	14	28														
34/35	.6																	5	6	5	12														
36/37																			13		9														
38/39																			4	4	12														
40/41																			4		5														
42/43																			3		1														
TOTAL	25.8	5.8	.4	.1														901	930	901															

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	6264334	74910	83.1	6.346	901							93
Dry Bulb	224266	-4772	-5.1	14.669	930	60.1	92.7					93
Wet Bulb	184632	-3854	-4.1	13.669	901	59.0	93.0					93
Dew Point	249281	-7267	-8.1	14.555	901	65.2	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/TAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON BC/MUSKWA DIRT APT

57-66

DEC

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

NO. OF OBS.

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point			
40/39			.2															7	2						
38/37			.2															2	2						
36/35			.2															7	2		3				
34/33			.1															1	1		1	1			
32/31		.3	.1															4	4		3	2			
30/29	.1																	1	1		4	1			
28/27		.1																2	2		1	3			
26/25	.2	.6																7	7		5	4			
24/23		.3																3	3		4	3			
22/21	.4	.4																8	8		9	4			
20/19	.3	.3																6	6		6	7			
18/17	.4	.2																6	6		7	4			
16/15	1.6	.8																21	21		18	9			
14/13	1.6	.2																16	16		19	15			
12/11	3.2	.6																34	34		34	18			
10/9	4.0	.2																38	38		39	26			
8/7	4.2	.1																39	39		38	38			
6/5	5.9																	53	53		54	39			
4/3	4.8	.1																44	44		43	34			
2/1	3.3																	32	32		33	33			
0/-1	5.4																	49	49		49	44			
-2/-3	4.3	.2																43	43		43	26			
-4/-5	6.9																	62	62		62	44			
-6/-7	6.4																	58	58		58	41			
-8/-9	4.3																	41	43		41	70			
-10/-11	5.1																	46	47		46	45			
-12/-13	5.8																	52	52		52	36			
-14/-15	2.7																	24	24		24	42			
-16/-17	3.8	.1																23	33		34	42			
-18/-19	3.3																	30	30		31	32			
-20/-21	2.9																	26	26		26	33			
-22/-23	3.2																	29	29		29	32			
-24/-25	1.3																	12	12		12	26			
-26/-27	1.8																	16	16		16	27			
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																									

USAF ETAC FORM 0-26-5 (01-A) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON DC/MUSKWA DHT APT 57-66

DEC

PAGE 2 0300-0900

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														
-27/-29	2.0																	18	18	18	15														
-30/-31	1.9	.1																18	18	18	16														
-32/-33	1.7																	15	15	15	21														
-34/-35	.9																	8	10	8	9														
-36/-37																			3		24														
-38/-39																			13		9														
-40/-41																			5		3														
-42/-43																			1		1														
TOTAL	94.2	4.8	1.0															903	930	903	903														

Element (X)	$\Sigma X'$	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	6267642	75024	83.1	6.177	903							93
Dry Bulb	231294	-5224	-5.6	14.744	930	60.9	92.3					93
Wet Bulb	192110	-4354	-4.8	13.773	903	49.9	92.6					93
Dew Point	256924	-7798	-8.6	14.498	903	65.7	92.9					93

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25210 FORT NELSON HC/MUSKWA UNIT APT

57-66

DEC

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
40/ 39				.3														3	3																
38/ 37				.1														1	1																
36/ 35		.1																1	1	1															
34/ 33			.1															1	1	4															
32/ 31			.1															1	1																
30/ 29		.1																1	1	3	1														
28/ 27		.2																2	2	4	4														
26/ 25	.1	.3																4	4	4	4														
24/ 23	.2	.3																5	5	4	1														
22/ 21	.1	.1	.1															2	2	4	5														
20/ 19	.2	.3																4	5	3	3														
18/ 17	.9	.2																10	10	9	4														
16/ 15	1.3	.7																14	18	17	8														
14/ 13	2.0	.6																23	23	23	16														
12/ 11	2.6	.3																26	26	29	21														
10/ 9	3.0	.4																31	31	28	21														
8/ 7	6.3	.2																59	59	61	30														
6/ 5	6.1																	55	55	56	47														
4/ 3	4.8																	41	41	41	51														
2/ 1	4.1																	37	37	37	54														
0/ -1	4.6																	41	41	41	30														
-2/ -3	4.4	.1																41	41	40	37														
-4/ -5	7.4																	67	67	68	35														
-6/ -7	4.2	.2																40	40	38	54														
-8/ -9	4.6	.4																45	46	46	54														
-10/-11	3.2	.1																48	50	49	35														
-12/-13	3.6	.1																51	51	51	34														
-14/-15	3.8	.2																36	36	34	43														
-15/-17	3.2																	29	29	31	55														
-18/-19	3.7																	33	33	33	37														
-20/-21	3.4																	31	31	31	25														
-22/-23	2.0																	18	18	18	31														
-24/-25	2.0																	18	18	18	35														
-26/-27	2.6																	23	23	23	24														

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 (O.L.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

25219 FORT NELSON BC/MUSKWA MILITARY 57-66 DEC
STATION NAME YEARS MONTH
PAGE 2 0600-0800
HOURS T.O.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																	13	13	13	23														
-30/-31	1.2																	11	11	11	16														
-32/-33	1.0																	16	16	16	20														
-34/-35	1.4																	13	13	13	14														
-36/-37																			10		13														
-38/-39																			9		10														
-40/-41																			7		5														
TOTAL	4.1	5.1	.3	.4														900	930	900	900														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	6237789	74713	83.0	6.287	900							
Dry Bulb	231699	-5639	-6.1	14.573	930	60.4	92.4					93
Wet Bulb	189000	-4666	-5.2	13.540	900	59.3	92.3					93
Dew Point	254057	-8119	-9.0	14.184	900	65.1	93.0					93

USAFETAC FORM 0-26.5 (01-A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

25213 FORT NELSON BC/NUSKWA DIST ART 57-66

DEC

PAGE 1 0900-1100

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
38/37				.1	.2																													3	3		
36/35				.1																														1	1		
34/33																																					
32/31				.1																														1	1	3	
30/29				.1																														1	1	2	
28/27																																					2
26/25				.4																														4	4	2	5
24/23	.4	.2																															0	6	8	2	
22/21	.3	.1																															4	4	4	6	
20/19	.3	.2																															5	5	4	3	
18/17	.3	.4																															9	9	8	5	
16/15	2.0	.2																															20	20	21	4	
14/13	2.8	.7																															30	30	30	22	
12/11	2.9	.9																															34	34	30	23	
10/9	3.2	.4																															33	33	37	22	
8/7	4.3	.2																															41	41	41	32	
6/5	5.4	.1																															50	50	50	40	
4/3	5.8																																53	53	54	44	
2/1	4.6	.2																															44	44	42	60	
0/-1	7.0	.1																															65	65	66	41	
-2/-3	4.6	.1																															43	43	44	39	
-4/-5	4.6	.2																															44	44	42	60	
-6/-7	4.6	.1																															43	43	45	43	
-8/-9	5.4	.4																															53	53	51	30	
-10/-11	5.5	.1																															51	51	53	39	
-12/-13	4.4																																40	40	40	55	
-14/-15	4.1																																37	37	37	39	
-16/-17	3.7																																34	34	34	44	
-18/-19	3.0	.1																															28	28	28	37	
-20/-21	2.4																																22	22	22	31	
-22/-23	1.9	.1																															18	18	17	31	
-24/-25	2.9																																26	26	27	33	
-26/-27	1.4																																13	13	13	14	
-28/-29	1.2																																11	11	11	14	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.						± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F																										
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0 20-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA BUI APT

57-66

DEC

PAGE 2 C900-1100
HOURS U.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	2.2																																	20	20	20	23
-32/-33	1.4																																	13	13	13	20
-34/-35	1.1																																	10	11	10	22
-36/-37																																			9		11
-38/-39																																			8		7
-40/-41																																			1		4
-42/-43																																			1		2
-46/-47																																					1
TOTAL	23.8	5.7	.2	.2																													910	930	910	910	

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	
Rel. Hum.	6188635	74783	82.2	6.881	910							93
Dry Bulb	211960	-4946	-5.314	1.137	930	59.1	92.6					93
Wet Bulb	181509	-4271	-4.571	1.328	910	58.6	92.9					93
Dew Point	251941	-7939	-8.714	1.176	910	65.4	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

25218 FORT NELSON BC/MUSKWA DIRT APT 57-66

YEARS MONTH DEC

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
40/39			.1															1	1																
39/37			.1															1	1																
36/35			.1															1	1																
34/33		.1	.1															2	2	1															
32/31		.1																1	1	1															
30/29																		1	1	2	3														
28/27		.2																2	2	1	1														
26/25	.2	.3																5	5	5	1														
24/23	.8	.4	.2															13	13	13	7														
22/21	.1	.8																8	8	3	12														
20/19	.8	.9																15	15	16	1														
18/17	.8	1.0																16	16	17	11														
16/15	2.2	.6																26	26	27	12														
14/13	2.4	1.0																31	31	28	28														
12/11	3.2	1.1																40	40	43	19														
10/9	4.8	.8																51	51	51	29														
8/7	4.2	.3																42	42	46	49														
6/5	5.3	.8																56	56	55	55														
4/3	4.8	.4																48	48	46	33														
2/1	7.6	1.2																81	81	78	61														
0/-1	4.0	.3																40	40	45	52														
-2/-3	4.4	.2																43	43	44	51														
-4/-5	5.6	.8																59	59	56	51														
-6/-7	3.9	.3																39	39	40	45														
-8/-9	3.8	.1																36	36	38	37														
-10/-11	4.9																	45	45	45	47														
-12/-13	2.9	.2																29	29	27	38														
-14/-15	3.2																	30	30	32	38														
-16/-17	3.6																	33	33	33	34														
-18/-19	2.1																	19	19	19	37														
-20/-21	3.0																	28	28	28	32														
-22/-23	1.8	.1																18	18	17	20														
-24/-25	2.6																	24	24	23	17														
-26/-27	1.4	.1																14	14	14	18														
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 04 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

25218 FORT NELSON EC/MUSKWA DUT APT 57-66

DEC

PAGE 2 1200-1400

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	.5																	5	5	5	25														
=30/-31	1.4																	13	13	13	22														
=32/-33	.9																	8	9	8	11														
=34/-35	.2																	2	6	2	9														
=36/-37																					13														
=38/-39																					2														
=40/-41																					2														
=44/-45																					2														
TOTAL	7.2	12.1	.4															925	930	925	925														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6163852	75242	81.3	6.859	925	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93
Dry Bulb	173898	-1946	-2.1	13.521	930	49.0	92.5					93
Wet Bulb	164469	-1917	-2.1	13.179	925	49.4	92.8					93
Dew Point	718574	-5812	-6.3	14.037	925	60.6	93.0					93

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

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DATA PROCESSING DIVISION
USAF ETAF
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON HC/MUSKWA DJT APT

57-66

DEC

PAGE 1 1500-1700

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
42/41					.2													2	2																
38/37				.1	.1													2	2	1															
36/35				.1	.1													7	2	1															
34/33				.1														1	1	1															
32/31				.1														2	2	3	1														
30/29			.4															4	4	3	1														
28/27	.1	.4																5	5	5	2														
26/25	.3	.3																6	6	7	4														
24/23	.5	.5																10	10	8	12														
22/21	.6	.5																8	8	11	10														
20/19	.5	.5	.1															7	7	8	8														
18/17	.2	1.0																11	11	7	9														
16/15	2.5	.8																30	30	34	5														
14/13	2.6	.8																29	29	27	18														
12/11	2.4	.9																30	30	29	32														
10/9	3.6	.8																36	36	38	23														
8/7	3.4	.8																52	52	52	38														
6/5	5.5	.8																54	54	56	47														
4/3	5.5	.8																56	56	53	46														
2/1	7.5	.8																71	71	73	55														
0/-1	4.5	.8																44	44	43	64														
-2/-3	5.5	.8																53	53	54	39														
-4/-5	6.3	.8																63	63	63	57														
-6/-7	4.9	.8																47	47	46	49														
-8/-9	3.7	.8																35	35	36	54														
-10/-11	3.8	.8																35	35	36	37														
-12/-13	2.1	.8																22	22	20	39														
-14/-15	3.8	.8																35	35	37	35														
-16/-17	4.4	.8																41	41	41	19														
-18/-19	1.8	.8																18	18	17	37														
-20/-21	1.8	.8																18	18	19	33														
-22/-23	2.3	.8																23	23	22	25														
-24/-25	2.3	.8																21	21	22	18														
-26/-27	1.7	.8																16	16	16	18														
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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON HC/MUSKWA DUT APT

57-66

DEC

STATION

STATION NAME

YEARS

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																			
=28/-29	2.1																																		19	19	19	24	
=30/-31	1.1																																		10	10	10	21	
=32/-33	.5																																		5	5	5	18	
=34/-35	.3																																		3	3	3	14	
=36/-37																																							8
=38/-39																																					1		3
=40/-41																																				1		2	
=44/-45																																						1	
TOTAL	90.1	9.0	.8	.4																															926	930	926	926	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6312412	76208	82.3	6.629	926	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	183493	-2267	-2.4	13.839	930	51.2	92.3					93
Wet Bulb	173477	-2247	-2.4	13.478	926	51.1	92.7					93
Dew Point	226437	-3923	-6.4	14.277	926	61.8	93.0					93

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 STATION FORT NELSON BC/MUSKWA DIST APT STATION NAME 57-66 YEARS DEC 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														
42/41				.1														1	1																
40/39			.1															1	1																
38/37			.1															2	2																
36/35				.2	.1													3	3	2															
34/33				.1														1	1	1															
32/31			.1															1	1	1															
30/29																				3	3														
28/27			.1															1	1	2															
26/25	.2	.7																8	8	4	1														
24/23	.7	.9																14	14	13	6														
22/21	.5	.4																9	9	15	10														
20/19	.7	.4																10	10	7	12														
18/17	1.2	.4																15	15	16	12														
16/15	1.2	.1																12	12	14	16														
14/13	1.8	.7																23	23	22	19														
12/11	2.1	.3																22	22	20	20														
10/9	4.8	.5																49	49	51	20														
8/7	3.6	.2																35	35	34	34														
6/5	4.7	.2																45	45	46	41														
4/3	5.9	.3																56	56	56	40														
2/1	4.2																	39	39	40	45														
0/-1	6.7	.2																64	64	62	61														
-2/-3	5.9	.1																55	55	57	24														
-4/-5	7.0	.2																66	66	66	61														
-6/-7	5.9																	54	54	54	53														
-8/-9	5.4	.1																51	51	51	69														
-10/-11	2.9	.5																30	30	27	40														
-12/-13	2.6																	24	24	27	48														
-14/-15	3.4	.2																33	33	31	29														
-16/-17	4.0	.1																38	38	39	25														
-18/-19	3.3																	30	30	31	23														
-20/-21	2.5																	23	23	23	32														
-22/-23	2.1																	19	19	19	44														
-24/-25	2.5																	23	23	23	25														
Element (X)	Σx^2	Σx	\bar{x}	s_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

25218 FORT NELSON BC/MUSKWA DUT APT

57-66

DEC
MONTH

PAGE 2 1800-2000

HOURLY (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	.7	.1																7	7	6	20							
=28/-29	1.7																	16	16	17	20							
=30/-31	1.4																	17	17	17	17							
=32/-33	1.3																	12	12	12	12							
=34/-35	1.1																	10	11	10	12							
=36/-37																			5		16							
=38/-39																			2		4							
=40/-41																					4							
=42/-43																					4							
=44/-45																					3							
TOTAL	92.3	6.7	.4	.3	.1													919	930	919	919							

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	6365157	76221	82.9	6.880	919							93
Dry Bulb	206421	-3793	-4.114	3.36	930	58.3	92.2					93
Wet Bulb	185670	-3490	-3.813	3.703	919	57.9	92.7					93
Dew Point	243184	-7014	-7.614	4.449	919	65.4	93.0					93

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

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DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAG

PSYCHROMETRIC SUMMARY

2521R FORT NELSON BC/MUSKWA DDT APT
 STATION NAME

57-66
 YEARS

DEC
 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														
42/41				.1														1	1																
40/39			.4															2	2																
38/37				.3														3	3																
36/35																					3														
32/31																					3														
30/29																						2													
28/27			.1	.2														3	3	1	1														
26/25	.1	.6	.1															9	9	5															
24/23	.4	.2																7	7	11	10														
22/21	1.1	.4																14	14	14	7														
20/19	1.3	.3																15	15	17	11														
18/17	.9	.3																11	11	10	14														
16/15	1.1	.4																14	14	12	20														
14/13	1.4	.4																17	17	18	5														
12/11	3.0	.2																29	29	29	16														
10/9	4.9	.2																43	43	43	28														
8/7	4.8	.1																44	44	46	40														
6/5	4.3	.1																40	40	40	38														
4/3	3.8																	30	30	30	39														
2/1	4.3	.2																43	43	41	31														
0/-1	6.4	.1																60	61	61	42														
-2/-3	8.4	.2																78	78	78	34														
-4/-5	5.6																	51	51	52	68														
-6/-7	5.6																	51	53	51	54														
-8/-9	5.6	.1																52	52	52	63														
-10/-11	3.8																	34	34	34	44														
-12/-13	4.0																	36	36	36	43														
-14/-15	3.4																	30	30	30	40														
-16/-17	3.4																	31	31	31	26														
-18/-19	2.7																	24	24	24	33														
-20/-21	3.1																	28	28	28	28														
-22/-23	1.9																	17	17	17	29														
-24/-25	2.1																	19	19	19	24														
-26/-27	2.9																	26	26	26	22														
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Ref. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-20-5 (OL A) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 84

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT 57-66 DEC
STATION NAME YEARS MONTH
PAGE 2 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														
-28/-29	.9																	8	8	8	12														
-30/-31	1.7																	15	15	15	24														
-32/-33	1.2																	11	11	11	16														
-34/-35	1.0																	9	9	9	14														
-36/-37																			12		13														
-38/-39																			4		4														
-40/-41																			4		4														
-42/-43																			2		5														
-44/-45																					1														
TOTAL	94.8	4.2	.0	.0														905	930	905	905														

Element (X)	Σ x'	Σ x	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6307083	75307	83.2	6.704	905							
Dry Bulb	218383	-4317	-4.6	14.612	930	60.5	92.4					93
Wet Bulb	182689	-3551	-3.9	13.663	905	59.8	92.7					93
Dew Point	243697	-6973	-7.7	14.496	905	66.1	93.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISION 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

25210 FORT NELSON BC/MUSKWA DUT APT 57-66

STATION		STATION NAME												YEARS	
HRS. LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	-11.5	-1.5	8.4	29.1	41.5	50.9	55.8	52.4	41.9	29.3	5.9	-5.1	24.9	
	S.D.	15.147	14.508	14.658	9.205	8.759	6.379	4.951	6.080	6.998	9.627	15.240	14.665	25.913	
	TOTAL OBS	930	846	930	900	930	900	930	929	900	930	900	930	10955	
03-05	MEAN	-12.0	-2.6	5.7	26.4	38.7	48.2	53.2	49.8	39.8	27.7	5.1	-5.6	23.0	
	S.D.	15.245	14.634	15.021	9.304	8.074	6.059	4.701	5.809	6.794	9.543	15.195	14.744	25.267	
	TOTAL OBS	930	846	930	900	929	900	930	930	900	930	900	930	10955	
06-08	MEAN	-12.3	-3.7	4.8	28.1	42.9	53.0	57.6	52.0	40.1	27.1	4.2	-6.1	24.1	
	S.D.	15.539	14.438	15.367	10.026	8.943	6.228	5.276	6.325	6.813	9.684	15.143	14.573	26.932	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956	
09-11	MEAN	-10.9	-2.8	11.9	35.7	50.6	60.5	65.5	60.4	47.5	32.1	6.2	-5.3	29.6	
	S.D.	15.179	13.565	14.970	11.039	10.837	7.570	6.669	7.815	8.136	10.507	15.059	14.137	29.296	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956	
12-14	MEAN	-6.2	6.0	20.0	41.4	55.2	65.0	70.2	66.5	54.6	39.2	10.9	-2.1	35.2	
	S.D.	14.164	13.847	15.340	11.493	11.613	8.402	7.660	8.819	9.095	11.851	14.897	13.521	29.512	
	TOTAL OBS	930	846	930	900	930	899	930	930	900	930	900	930	10955	
15-17	MEAN	-5.9	7.4	22.0	43.0	56.6	65.9	71.2	67.6	56.1	39.7	10.4	-2.4	36.1	
	S.D.	14.272	14.106	15.259	11.394	11.659	8.716	8.105	9.133	9.492	11.889	14.693	13.839	29.860	
	TOTAL OBS	930	846	930	900	930	897	930	930	900	930	900	930	10953	
18-20	MEAN	-8.9	2.7	17.0	39.3	54.0	63.3	68.0	63.3	49.8	33.9	7.5	-4.1	32.3	
	S.D.	14.770	13.961	14.461	10.795	11.215	8.360	7.485	8.550	8.259	10.254	14.852	14.336	29.507	
	TOTAL OBS	930	846	930	900	930	898	930	930	900	930	900	930	10954	
21-23	MEAN	-10.4	.7	12.2	33.1	46.9	56.5	60.8	56.2	44.6	30.8	6.2	-4.6	27.9	
	S.D.	14.649	14.678	14.445	9.568	9.765	6.813	5.787	6.541	7.312	9.636	14.999	14.612	27.230	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956	
ALL HOURS	MEAN	-9.8	1.0	12.8	34.5	48.3	57.9	62.8	58.5	46.8	32.5	7.1	-4.4	29.1	
	S.D.	15.055	14.708	16.108	11.971	12.016	9.709	9.104	9.884	9.886	11.347	15.173	14.368	28.385	
	TOTAL OBS	7440	6768	7440	7200	7439	7194	7440	7439	7200	7440	7200	7440	87640	

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

25218 FIPT NELSON HG/MUSKWA DNT APT 57-66

STATION	STATION NAME	YEARS												
HRS. LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	-9.2	-1.7	7.7	26.5	37.5	47.2	52.4	49.9	40.2	27.9	5.9	-4.3	23.8
	S D	13.300	13.898	13.787	7.883	6.969	5.213	3.925	5.171	6.261	8.574	14.482	13.669	23.837
	TOTAL OBS	858	843	930	900	930	900	930	929	900	930	894	901	10845
03-05	MEAN	-9.2	-2.7	5.3	24.5	35.8	45.5	50.8	48.1	38.6	26.6	5.1	-4.8	22.5
	S D	13.066	13.911	14.257	8.387	6.895	5.278	4.023	5.268	6.177	8.647	14.475	13.773	23.482
	TOTAL OBS	834	840	927	900	928	900	930	930	899	929	894	903	10814
06-08	MEAN	-9.0	-3.7	4.5	25.7	38.3	48.3	53.3	49.5	38.7	26.1	4.5	-5.2	23.1
	S D	12.887	13.735	14.556	8.761	6.993	4.932	3.815	5.236	6.168	8.804	14.290	13.540	24.414
	TOTAL OBS	828	839	926	900	930	900	930	930	899	929	890	900	10801
09-11	MEAN	-8.6	-1.0	10.5	30.8	42.2	51.5	56.5	53.6	43.3	29.7	6.1	-4.7	26.3
	S D	13.060	13.019	13.517	8.509	7.176	5.075	3.938	5.126	6.173	8.660	14.156	13.328	25.132
	TOTAL OBS	856	843	930	900	930	900	930	930	900	930	894	910	10853
12-14	MEAN	-5.6	5.2	17.2	34.2	44.1	52.8	57.9	55.8	46.9	34.3	10.0	-2.1	29.4
	S D	13.311	12.890	12.904	8.144	7.006	4.960	4.054	5.180	6.056	8.679	13.792	13.179	24.333
	TOTAL OBS	906	846	930	900	930	899	930	930	900	930	900	925	10926
15-17	MEAN	-5.4	6.6	18.9	35.2	44.9	53.3	58.2	56.2	47.5	34.8	9.7	-2.4	30.0
	S D	13.540	13.005	12.616	7.828	6.943	4.835	3.833	5.121	6.187	8.704	13.815	13.478	24.418
	TOTAL OBS	909	846	930	900	930	897	930	930	900	929	900	926	10927
18-20	MEAN	-7.8	2.4	15.1	33.2	44.0	52.8	57.6	55.2	45.1	31.2	7.1	-3.8	28.0
	S D	17.663	13.366	12.668	7.779	7.009	4.791	3.843	5.319	6.364	8.416	14.346	13.705	25.059
	TOTAL OBS	888	844	930	900	930	898	930	930	900	930	900	919	10899
21-23	MEAN	-8.7	.5	11.1	29.4	40.8	50.4	55.3	52.2	42.0	28.9	6.0	-3.9	25.7
	S D	13.245	14.034	13.253	7.699	7.107	4.923	3.903	5.192	6.279	8.343	14.539	13.663	24.468
	TOTAL OBS	873	843	930	900	930	900	930	930	900	930	899	903	10870
ALL HOURS	MEAN	-7.9	.7	11.3	30.0	41.0	50.2	55.2	52.6	42.8	29.9	6.8	-3.9	26.1
	S D	13.343	13.921	14.370	8.977	7.706	5.691	4.708	5.965	7.022	9.130	14.360	13.576	24.544
	TOTAL OBS	6952	6744	7433	7200	7438	7194	7440	7439	7198	7437	7171	7289	86935

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

75216 FORT NELSON BC/MUSKWA DDT APT 57-66

HRS. LST	STATION NAME	YEARS												ANNUAL
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
00-02	MEAN	-13.3	-5.6	3.6	21.6	32.4	43.8	49.7	47.9	38.3	25.2	2.7	-8.1	20.3
	S.D.	14.024	14.152	13.734	8.051	7.667	6.186	4.854	5.587	6.464	8.608	15.054	14.555	24.429
	TOTAL OBS.	858	843	930	900	930	900	930	929	900	930	894	901	10845
03-05	MEAN	-13.2	-6.7	1.4	20.4	31.7	42.9	48.8	46.6	37.1	24.2	2.0	-8.6	19.4
	S.D.	13.822	14.119	14.409	8.778	7.575	6.033	4.621	5.494	6.308	8.814	14.983	14.498	24.323
	TOTAL OBS.	834	840	927	900	928	900	930	930	899	929	894	903	10814
06-08	MEAN	-13.2	-7.7	.4	20.9	32.7	44.1	50.1	47.4	37.1	23.6	1.4	-9.0	19.3
	S.D.	13.704	14.020	14.800	8.878	7.638	6.104	4.761	5.449	6.376	8.891	14.864	14.184	24.869
	TOTAL OBS.	828	839	926	900	930	900	930	930	899	929	890	900	10801
09-11	MEAN	-13.1	-5.4	4.9	22.7	32.5	43.9	50.2	48.6	39.1	25.8	2.5	-8.7	20.7
	S.D.	14.019	13.413	13.321	8.119	8.032	7.022	5.764	5.864	6.593	8.200	14.691	14.176	24.934
	TOTAL OBS.	856	843	930	900	930	900	930	930	900	930	894	910	10853
12-14	MEAN	-10.5	-.1	9.6	23.3	31.5	42.5	49.2	48.0	39.4	27.6	5.7	-6.3	21.8
	S.D.	14.333	12.874	11.989	7.480	8.201	7.567	6.525	6.532	7.193	7.748	13.835	14.037	22.905
	TOTAL OBS.	906	846	930	900	930	899	930	930	900	930	900	925	10926
15-17	MEAN	-10.1	1.4	11.1	23.9	31.8	42.7	49.1	48.1	39.4	28.1	5.8	-6.4	22.2
	S.D.	14.437	12.938	11.408	7.313	8.400	7.669	6.253	6.474	7.384	7.958	14.026	14.277	22.752
	TOTAL OBS.	909	846	930	900	930	897	930	930	900	929	900	926	10927
18-20	MEAN	-12.0	-1.8	9.1	23.8	32.8	44.0	50.4	49.5	40.5	27.0	3.8	-7.6	21.9
	S.D.	14.327	13.700	11.976	7.383	8.522	7.291	6.012	6.388	6.960	8.153	14.808	14.449	24.043
	TOTAL OBS.	888	844	930	900	930	898	930	930	900	930	900	919	10899
21-23	MEAN	-12.9	-3.6	6.3	23.1	33.8	45.3	51.2	49.2	39.3	25.6	2.8	-7.7	21.4
	S.D.	13.907	14.307	12.968	7.639	8.089	6.448	5.239	5.938	6.585	8.279	15.027	14.494	24.560
	TOTAL OBS.	873	843	930	900	930	900	930	930	900	930	899	905	10870
ALL HOURS	MEAN	-12.3	-3.7	5.8	22.5	32.4	43.7	49.9	48.1	38.8	25.9	3.4	-7.8	20.9
	S.D.	14.128	14.024	13.626	8.068	8.048	6.870	5.594	6.041	6.823	8.468	14.740	14.360	24.082
	TOTAL OBS.	6952	6744	7433	7200	7438	7194	7440	7439	7198	7437	7171	7289	86935

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%			
	1-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-11	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-12	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-13	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-14	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-15	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-16	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-17	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-18	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-19	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-21	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-22	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-24	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-25	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-26	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-27	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-28	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-29	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-30	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-31	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	TOTALS	100.0	100.0	99.0	96.0	91.0	85.0	75.0	60.0	45.0	30.0	19.0	76.0

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												

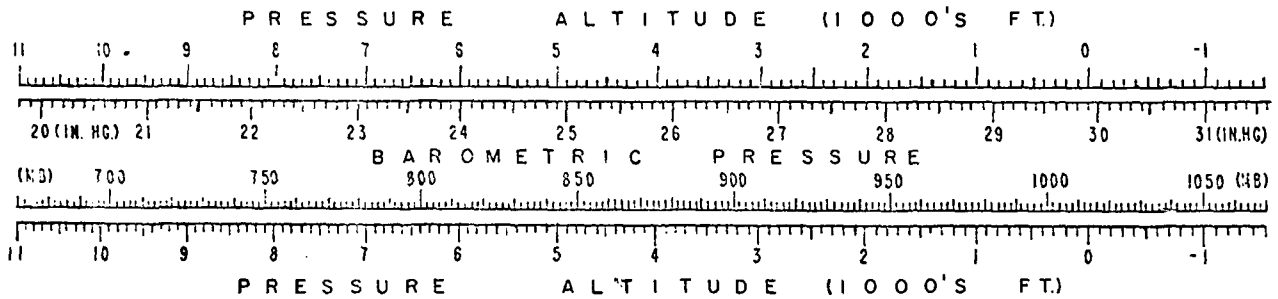
DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE (MAC)
 ASHEVILLE, NORTH CAROLINA

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 GMT. 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 those 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

25216 FORT NELSON BC/MUSKWA (MT) APT 57-66

HR	STATION NAME	YEARS												ANNUAL
		AN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
01	MEAN	28.740	28.661	28.664	28.592	28.606	28.544	28.581	28.572	28.570	28.482	28.576	28.608	28.600
	S D	.334	.320	.279	.274	.210	.179	.154	.183	.236	.304	.332	.343	.277
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	28.744	28.662	28.670	28.600	28.619	28.554	28.590	28.578	28.575	28.483	28.578	28.610	28.603
	S D	.335	.320	.278	.276	.211	.181	.156	.185	.236	.304	.329	.342	.277
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07	MEAN	28.739	28.659	28.679	28.611	28.632	28.563	28.600	28.591	28.582	28.487	28.583	28.604	28.611
	S D	.337	.322	.279	.279	.211	.184	.159	.188	.238	.304	.328	.341	.278
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	28.751	28.664	28.680	28.606	28.622	28.554	28.592	28.588	28.584	28.495	28.593	28.616	28.612
	S D	.336	.324	.282	.277	.208	.181	.159	.188	.236	.304	.330	.340	.277
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	28.739	28.650	28.658	28.587	28.600	28.535	28.573	28.572	28.571	28.484	28.585	28.607	28.597
	S D	.332	.323	.280	.272	.203	.178	.157	.184	.233	.301	.331	.335	.275
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	28.738	28.643	28.641	28.571	28.581	28.518	28.556	28.555	28.557	28.475	28.580	28.610	28.585
	S D	.329	.319	.276	.266	.202	.172	.154	.179	.231	.298	.332	.335	.273
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
19	MEAN	28.736	28.645	28.642	28.574	28.578	28.517	28.554	28.551	28.557	28.474	28.578	28.606	28.584
	S D	.331	.320	.274	.265	.200	.171	.152	.176	.233	.300	.334	.338	.273
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
22	MEAN	28.737	28.651	28.651	28.591	28.597	28.534	28.571	28.564	28.564	28.480	28.578	28.605	28.593
	S D	.334	.326	.275	.268	.204	.173	.154	.180	.237	.304	.334	.342	.276
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
ALL HOURS	MEAN	28.741	28.655	28.661	28.592	28.604	28.540	28.577	28.571	28.570	28.483	28.581	28.608	28.598
	S D	.333	.321	.278	.272	.207	.178	.156	.183	.235	.302	.331	.339	.276
	TOTAL OBS	2480	2256	2480	2400	2480	2398	2480	2480	2480	2480	2400	2480	29214

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

2521R FORT NELSON BC/MUSKWA DUT APT 57-66

HRS. LCT	MEAN	STATION NAME												ANNUAL
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
01	1021.91018.51017.91014.21014.01011.31017.41012.21012.71010.31014.11016.9	1014.8												
	S.D.	12.22611.68510.179 9.897 7.562 6.413 5.497 6.485 8.45110.94812.10312.499	10.309											
	TOTAL OBS.	310 282 310 300 310 300 310 310 300 310 300 310	3652											
04	1022.11018.51018.21014.51014.61011.71012.81012.51012.91010.41015.21017.0	1015.0												
	S.D.	12.27911.71510.12510.002 7.647 6.481 5.540 6.569 8.44610.99011.99712.467	10.313											
	TOTAL OBS.	310 282 310 300 310 299 310 310 300 310 300 310	3651											
07	1022.01018.61018.71015.01014.91012.01013.11013.01013.31010.71015.51016.9	1015.3												
	S.D.	12.36811.75410.20810.085 7.604 6.529 5.629 6.643 8.48910.98811.97212.433	10.311											
	TOTAL OBS.	310 282 310 300 310 299 310 310 300 310 300 310	3651											
10	1022.51018.81018.61014.51014.61011.71012.81012.91013.31010.91015.81017.3	1015.3												
	S.D.	12.29411.81910.263 9.977 7.495 6.440 5.650 6.651 8.44010.94912.00912.393	10.331											
	TOTAL OBS.	310 282 310 300 310 300 310 310 300 310 300 310	3652											
13	1021.91018.11017.71014.01013.81011.01012.11012.21012.71010.41013.41016.9	1014.7												
	S.D.	12.15311.75210.171 9.805 7.294 6.357 5.587 6.509 8.33610.85612.04312.216	10.232											
	TOTAL OBS.	310 282 310 300 310 300 310 310 300 310 300 310	3652											
16	1021.91017.81017.11013.51013.21010.51011.51011.71012.31010.11015.31017.0	1014.3												
	S.D.	12.05211.63510.031 9.603 7.243 6.168 5.483 6.344 8.25510.72112.07112.190	10.190											
	TOTAL OBS.	310 282 310 300 310 299 310 310 300 310 300 310	3651											
19	1021.91018.11017.31013.61013.61010.41011.51011.61012.41010.31015.31017.0	1014.4												
	S.D.	12.13411.693 9.996 9.555 7.218 6.108 5.413 6.222 8.30610.79412.17412.324	10.228											
	TOTAL OBS.	310 282 310 300 310 299 310 310 300 310 300 310	3651											
22	1022.01017.61017.21013.71010.91012.01012.01012.61010.41015.31016.9	1014.6												
	S.D.	12.23311.9810.035 9.677 7.357 6.184 5.497 6.391 8.47710.94212.18712.475	10.290											
	TOTAL OBS.	310 282 310 300 310 299 310 310 300 310 300 310	3651											
ALL HOURS	1022.01018.31017.91014.21014.01011.71012.51012.31012.81010.41015.41017.0	1014.8												
	S.D.	12.20211.73010.127 9.825 7.447 6.352 5.557 6.487 8.39610.88612.05412.358	10.281											
	TOTAL OBS.	2480 2256 2480 2400 2480 2395 2480 2480 2400 2480 2400 2480	29211											

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