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WILLIAMS LAKE APT, BRITISH COLUMBIA, CANADA, REVISED UNIFORM SU--ETC
OCT 71

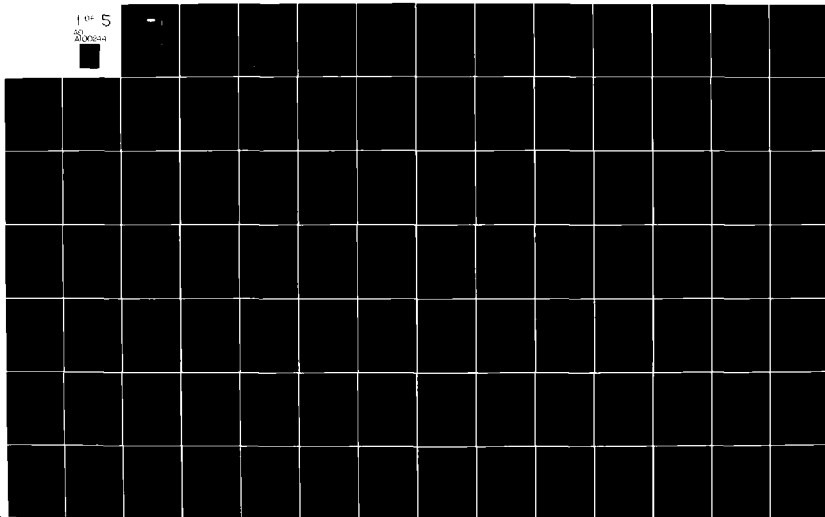
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USAFETAC/DS-81/039

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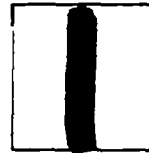
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DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

WILLIAMS LAKE B C DOT APT WBAN #25247
N 52 11 W 122 03 ELEV 3088 FT. CYWL WMO #74104
PARTS A, C-F
POR FROM HOURLY OBS JAN 61-DEC 68

OCT 20 1971

REC'D OCT 26 1971

FEDERAL BUILDING

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS- 81/039	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Williams Lake, British Colombia, Canada		5. TYPE OF REPORT & PERIOD COVERED Final rept.
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER(s)
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14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE 20 Oct 71
		13. NUMBER OF PAGES 400
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16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES The following parts of this document are: Part A- Atmospheric Phenomena Part B- Precipitation, Snowfall Part C- Daily Max, Min and Humidity Part D- Max and Min Temp Part E- Atmospheric pressure Part F- Extreme surface winds Part G- Psychrometric summary Part H- Ceiling versus visibility (over)		
19. KEY WORDS *RUSSWO Snowfall Climatology Atmospheric pressure Temperature Climatological data		
20. ABSTRACT A six-part statistical summary of surface weather observations for Williams Lake Apt, Yukon Territory, Canada contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
* British Columbia, Canada
** Williams Lake, Canada
20. and dew point temperatures and relative humidity
Summary (means, standard deviations, and other
station pressure and sea-level pressure
presented in tabular form, in most cases
occurrence or cumulative percentage of occurrence tables.

The Period of Record
is:

Observations is:

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NAVY WEATHER SERVICE
WATERGATE 1001
AIR WEATHER SERVICE (AWC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those recorded or recorded by a station at regular intervals.

DAILY OBSERVATIONS

Daily observations are defined as those recorded or recorded by a station at regular intervals. (Selected from the hourly observations.)

DESCRIPTION OF SUMMARIES

The Uniform Summary of Surface Weather Observations is a summary of the hourly observations recorded by stations operated by the U. S. Navy.

The following are the items included for this station:

PART A. TIME AND LOCATION

STATION NAME AND LOCATION

STATION NUMBER

STATION TYPE

STATION STATUS

STATION COORDINATES

PART B. CLIMATE AND VISIBILITY

CLIMATE

VISIBILITY

PART C. DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETER DRY VS WET BULB

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

RELATIVE HUMIDITY

PART D. STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All observations are grouped into standard 3-hour periods corresponding to the following sets of hourly observations: 0000-0100, 0100-0200, 0200-0300, 0300-0400, 0400-0500, 0500-0600, 0600-0700, 0700-0800, 0800-0900, 0900-1000, 1000-1100, 1100-1200, 1200-1300, 1300-1400, 1400-1500, 1500-1600, 1600-1700, 1700-1800, 1800-1900, 1900-2000, 2000-2100, 2100-2200, 2200-2300, 2300-2400 hours local standard time.

MISSING HOUR GROUPS

When a station has failed to observe or report, or when a station has failed to report certain three-hour periods for any particular day, the missing hour groups are listed below, and are applicable to all summaries prepared from hourly observations.

DATE

TIME

TIME

TIME

DATE

TIME

TIME

TIME

DATE

TIME

TIME

TIME

STATION NO ON SUMMARY	STATION NAME	LATITUDE:	LONGITUDE:	STATION ELEV. (FT)	CALL SIGN:	WMO NUMBER:
25247	WILLIAMS LAKE B C DOT APT	N 52 11	W 122 03	3088	CYWL	74104

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)	BAROMETER	
1	Williams Lake B C Dot Apt	C	Jan 61	Dec 68	N 52 11	W 122 03	3088	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 61 to Dec 68	Not available	N/A	N/A	N/A	Hourly surface observations on magnetic tape from DOT Canada.

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WEATHER CONDITIONS

1. Time and content, all hours and years combined.
2. By station, all years combined, by standard 6-hour groups.
3. The various phenomena included in each category on the forms are listed below:
 - a. Thunderstorm - All reported occurrences of thunderstorm, tornado, and waterspout.
 - b. Liquid precipitation - All liquid precipitation, falling to the ground, not freezing.
 - c. Falling liquid crystals (glaze) - Precipitation falling in liquid form, but freezing on contact with the ground.
 - d. Solid precipitation - Includes snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.
 - e. Other - All other precipitation is included.
 - f. Other - Includes all other phenomena - Included in this category are the observations when one or more than one type of precipitation may be reported in the same 6-hour group. The total categories may exceed the total columns.
4. Fog, mist, and haze, fog, and ground fog.
5. Visibility - Occurrences of smoke, haze, or combinations of smoke and haze are included.
6. Blowing snow - Includes blowing snow (also drifting snow when reported from non-WBAN sources.)
7. Other - Includes blowing dust, blowing sand, and dust.

... is not shown in a separate category on this form but is included in the category of observations with Contractions to Vision, below.

Observations with Contractions to Vision - Included in this category are the observations when the observer reports a contraction of vision. Since more than one type of contraction may be observed, the sum of the individual categories may exceed the percentage total. However, since a contraction may reduce visibility, it is not considered an obstruction to vision. Therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

2

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/PAO

WEATHER CONDITIONS

25247 WILLIAMS LAKE R C DIST APT

61-62

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	ALL		1.0	.0	19.0		20.6	5.2	.0	.1		5.3	5952
FEB		.0	1.5	.1	9.3	.0	10.8	5.1	.2	.0		5.2	5424
MAR			1.3		9.7	.0	10.9	1.0				1.6	5952
APR			4.6		5.9	.0	10.1	2.4				2.4	5757
MAY		.3	8.4		1.9	.1	10.1	2.0				2.0	5951
JUN		.7	9.0				9.0	1.6				1.6	5758
JUL		1.8	8.7			.1	8.7	3.3	.0			3.3	5950
AUG		1.2	8.5			.0	8.5	3.3	.9			4.2	5951
SEP		.3	7.8		.4	.0	7.8	3.7				3.7	5760
OCT		.0	6.8		2.2	.0	8.7	5.1				5.1	5952
NOV			2.1	.5	9.9		12.4	8.2	.2	.0		8.3	5760
DEC			1.1	.3	18.5		19.7	6.6	.0	.1		6.7	5932
TOTALS		.4	5.0	.1	6.5	.0	11.4	4.0	.1	.0		4.1	70099

1 DATA PROCESSING DIVISION
2 USAF ETA
AIR WEATHER SERVICE/MAG

WEATHER CONDITIONS

25247 WILLIAMS LAKE H C UNIT APT

61-66

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		.5		19.6		20.7	7.4		.4		7.8	744
	03-05		.5		21.9		22.0	6.7		.5		7.3	744
	06-08		.9	.1	21.6		22.7	7.3	.3	.1		7.5	744
	09-11		1.5		21.9		23.4	5.1				5.1	744
	12-14		.3		21.4		21.6	2.7				2.7	744
	15-17		1.2		15.9		17.1	.9				.9	744
	18-20		1.7		18.1		19.8	4.6				4.6	744
	21-23		.9		16.7		17.6	6.7				6.7	744
TOTALS			1.0	.0	19.6		20.6	5.2	.0	.1		5.3	5952

ATA PROCESSION DIVISION
USAF ETC
AIR WEATHER SERVICE/PAC

WEATHER CONDITIONS

25247 WILLIAMS LAKE D C UNIT APT

01-66

1 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		1.3	.4	9.1		10.9	7.1				7.1	676
	03-05		1.6	.4	10.3		12.5	8.7				8.7	678
	06-08		1.2	.1	10.6		11.7	8.3	.6	.1		8.6	678
	09-11	.1	1.3		10.9	.1	12.1	5.2	.6	.1		5.3	678
	12-14		1.6		6.6	.1	6.1	2.1	.1	.1		2.2	678
	15-17		2.2		8.0	.1	10.2	1.6	.4			1.9	678
	18-20		1.2		10.2		11.4	3.1				3.1	678
	21-23		1.3		8.3		9.6	5.0				5.0	678
TOTALS		.0	1.5	.1	9.3	.0	10.8	5.1	.2	.0		5.2	3424

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/NAO

WEATHER CONDITIONS

25247 WILLIAMS LAKE F C UNIT APT

61-68

AR

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
1A	00-02		.4		2.6		2.0	2.6				2.6	744
	03-05		1.1		4.6		7.7	3.2				3.2	744
	06-08		1.6		14.1		15.5	3.0				3.0	744
	09-11		1.2		13.4		14.5	1.3				1.3	744
	12-14		1.6		7.9		9.0						744
	15-17		1.6		8.7		9.9	.1				.1	744
	18-20		1.0		9.4	.1	11.2	.5				.5	744
	21-23		1.3		6.9		8.1	2.3				2.3	744
TOTALS			1.3		9.7	.0	10.9	1.6				1.6	5952

DATA PROCESSING DIVISION
USAF ETA
AIR EATER SERVICE/TAC

WEATHER CONDITIONS

25247 WILLIAMS LAKE F C TWT APT 61-68 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02		4.9		6.5		11.0	3.5				3.5	720
	03-05		5.1		6.7		11.5	5.1				5.1	720
	06-08		4.6		9.2		13.2	4.4				4.4	720
	09-11		3.9		5.7		9.3	1.8				1.8	719
	12-14		5.3		6.3		10.7	.4				.4	718
	15-17		3.3		4.2	.3	7.4	.7				.7	720
	18-20		4.9		4.4		9.2	1.1				1.1	720
	21-23		4.9		3.8		8.5	2.1				2.1	720
TOTALS			4.6		5.9	.0	10.1	2.4				2.4	5757

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USAF ETC.
AIR - EATER - SERVICE/MAC

WEATHER CONDITIONS

JULIAMS LANE B C OUT APT

61-68

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STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

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DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AC

WEATHER CONDITIONS

252-1
STATION

01-01

YEARS

JUN
MONTH

FREQUENCY OF OCCURRENCE OF WEATHER
ITEMS FROM HOURLY OBSERVATIONS

DATE	HOURS TEST	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	.1	9.3				9.3	1.4				1.4	720
	03-05		6.8				6.8	4.4				4.4	720
	06-08		7.1				7.1	3.1				3.1	720
	09-11	.3	7.1				7.1	1.1				1.1	720
	12-14	1.8	9.6				9.6	.8				.8	718
	15-17	1.8	10.7				10.7	.3				.3	720
	18-20	.7	9.2				9.2	.4				.4	720
	21-23	.7	11.8				11.8	1.4				1.4	720
TOTALS		.7	9.0				9.0	1.6				1.6	5758

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

25247 WILLIAMS LAKE B C INT APT

61-68

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
J L	00-02	.7	7.4				7.4	4.7				4.7	744
	03-05	.1	7.7				7.7	8.1				8.1	744
	06-08		7.7				7.7	6.9	.1			7.0	744
	09-11	.3	7.8				7.8	1.6	.1			1.7	743
	12-14	2.7	8.7			.3	8.7	1.5				1.5	744
	15-17	5.0	9.6				9.6	.8				.8	743
	18-20	4.2	10.9			.1	10.9	.8				.8	744
	21-23	1.3	10.1				10.1	1.9				1.9	744
TOTALS		1.8	8.7			.1	8.7	3.3	.0			3.3	5950

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2DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/TAC

WEATHER CONDITIONS

25247 WILLIAMS LAKE R C DET APT

61-68

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.7	6.6				6.6	3.1	.7			3.8	744
	03-05	.5	9.8				9.8	7.5	.4			7.9	744
	06-08	.8	7.9				7.9	8.5	1.2			9.7	744
	09-11	.1	6.6				6.6	2.4	2.3			4.6	743
	12-14	.5	7.5			.1	7.5	.8	1.1			1.9	744
	15-17	3.4	9.7				9.7	.7	.1			.8	744
	18-20	3.2	9.8				9.8	1.5	.7			2.2	744
	21-23	.7	10.2				10.2	1.5	.8			2.3	744
TOTALS		1.2	8.5			.0	8.5	3.3	.9			4.2	5951

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

25247

WILLIAMS LAKE B C OUT ART

61-65

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02	.3	7.7		.3		4.2	3.9				3.9	720
	03-05	.3	6.1		.3		4.4	6.4				6.4	720
	06-08	.4	7.8		.7		6.5	8.3				8.3	720
	09-11		5.7		.8		5.1	3.8				3.8	720
	12-14	.4	7.9		.6	.1	6.3	1.8				1.8	720
	15-17	.7	9.2		.3		9.4	1.5				1.5	720
	18-20	.4	6.8		.1		6.9	1.3				1.3	720
	21-23	.1	6.5		.4		6.9	2.5				2.5	720
TOTALS		.3	7.5		.4	.0	7.8	3.7				3.7	5760

2

DATA PROCESSING DIVISION
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AIR EATER SERVICE AC

WEATHER CONDITIONS

25247 WILLIAMS LAKE H Q DET APT 61-68 CT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING- RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02		5.4		3.2		8.5	4.8				4.8	744
	03-05		5.5		3.4		9.1	8.5				8.5	744
	06-08		7.9		1.7		9.4	9.4				9.4	744
	09-11		6.0		2.2		7.9	5.6				5.6	744
	12-14		6.5		1.6		7.5	2.4				2.4	744
	15-17	.3	7.8		1.5	.1	9.0	1.9				1.9	744
	18-20		7.5		2.4	.1	9.5	3.6				3.6	744
	21-23		7.1		1.9		9.0	4.7				4.7	744
TOTALS		.3	6.8		2.2	.0	8.7	5.1				5.1	5952

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

25247 WILLIAMS LAKE S C BHT APT 01-68 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		2.1	.3	9.0		11.4	10.3		.1		11.0	720
	03-05		3.1	1.3	9.4		13.3	12.1				12.1	720
	06-08		1.9	.8	10.3		12.9	10.6				10.6	720
	09-11		1.8	.4	11.5		13.6	10.0		.1		10.1	720
	12-14		1.9	.4	11.5		13.8	5.8	.4			5.8	720
	15-17		2.2	.3	8.8		11.1	3.1	.6			3.3	720
	18-20		1.7	.1	8.9		10.6	6.3	.3			6.3	720
	21-23		1.9	.6	10.1		12.6	7.1				7.1	720
TOTALS			2.1	.5	9.9		12.4	8.2	.2	.0		8.3	5760

1
2DATA PROCESSING DIVISION
USAF FTA
AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

25247 ILLIAMS LAKE H Q DET ART 61-61 FC
STATION STATION NAME YEARS MONTHPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02		1.2	.4	13.7		17.1	7.4		.1		7.6	741
	03-05		.5	.1	14.2		14.9	7.7				7.7	741
	06-08		.5	.4	17.5		14.3	9.0	.1			9.2	743
	09-11		1.1	.4	17.2		14.7	6.1		.1		6.1	743
	12-14		1.3	.3	18.8		20.1	4.3				4.3	741
	15-17		1.5		20.6		21.9	4.7	.1			4.7	741
	18-20		1.6	.3	21.9		23.1	6.6		.4		7.0	741
	21-23		1.1	.3	16.1		19.2	7.3				7.3	741
TOTALS			1.1	.3	18.3		19.7	6.6	.0	.1		6.7	5932

DATA PROCESSING DIVISION
WMO/NOAA
ALA WINDSIA SERVICE (1113)
ASHEVILLE, NORTH CAROLINA

PART C

SURFACE WINDS

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

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 degree points from the beginning of record through 1963, and in terms of degrees starting in January 1964. When 16 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. Mean and standard deviations are computed when four or more values are present for any station. A supplementary list of peak gusts by year-month with < 90% observations reported is also provided.

Note: According to Circular K specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recordings."

2. Directional Wind Speed Frequency Tabulations: Derived from hourly observations, these tabulations are a percentage of the hourly wind direction to 16 compass points and calm by wind speeds (knots) in increments of 5 knots in accordance with Circular K specifications. 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 cases 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 VARIABLE.

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

- (1) Annual - all years combined
- (2) By month - all years 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: EXCLUDED CASES: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1 1/2 miles, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/340

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

SURFACE WINDS

25297 STATION 25297 WILLIAMS LAKE MCCURT APT 61-00 YEARS ALL MONTH ALL 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	1.4	1.6	1.1	.2	.0	.0	.0					4.1	5.4
NNE	.4	.3	.2	.0	.0							1.1	2.0
NE	.4	.3	.2	.0	.0							.9	4.7
ENE	.5	.2	.1	.0	.0							.7	4.6
E	.5	.5	.3	.0	.0							1.3	5.1
ESE	.2	1.0	.9	.2	.0	.0						3.0	6.0
SE	3.4	6.2	7.5	3.6	1.0	.5	.1	.0				22.7	8.3
SSE	1.7	2.6	3.2	1.7	.4	.1	.0	.0				9.7	8.0
S	1.4	1.1	.9	.2	.0	.0	.0					3.5	5.7
SSW	.7	.4	.3	.1	.0	.0						1.6	5.1
SW	1.4	.8	.5	.1	.0	.0						2.6	4.7
WSW	.0	.0	.3	.1	.0	.0						1.8	5.0
W	.2	1.1	.7	.2	.0	.0						2.9	5.6
WNW	.0	.9	.9	.2	.0	.0						2.8	6.4
NW	1.4	2.2	2.9	1.0	.2	.0	.0					7.7	7.3
NNW	1.2	2.5	2.2	.6	.1	.0						6.8	6.4
VARBL													
CALM												27.4	
	17.4	22.4	22.1	8.2	1.8	.7	.1	.0				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 70106

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIRCRAFT SERVICE AC

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

SURFACE WINDS

25247	WILLIAMS LAKE R. C. OUT APT	61-00	1958
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			ALL
CLASS			HOURES (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	.6	.1	.0							3.3	4.5
NNE	.2	.1	.0									.3	3.8
NE	.2	.1	.0									.3	3.6
ENE	.1	.1	.0									.2	3.8
E	.2	.2	.1	.1								.5	3.8
ESE	.6	.7	.5	.1								1.8	5.2
SE	4.5	7.3	8.6	5.0	1.5	.9	.2					28.0	8.7
SSE	2.6	3.8	5.5	3.1	.9	.2	.1					15.2	8.6
S	.9	.7	.6	.1								2.2	5.3
SSW	.3	.2	.2	.1								.9	4.8
SW	.7	.3	.1	.0								1.1	3.5
WSW	.3	.2	.1									.5	4.3
W	.7	.8	.4	.1								2.0	5.0
WNW	.7	.7	.8	.3	.1							2.4	6.6
NW	1.7	1.9	2.4	1.0	.4	.2						7.8	7.8
NNW	1.7	2.9	2.5	.4	.2	.1						8.0	6.5
VARBL													
CALM												24.2	
	17.5	20.8	22.3	10.2	3.1	1.5	.3					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 5952

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

25247 WILLIAMS LAKE B C DOT APT 61-68
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 46	47 - 54	55 - 63	64 - 72	73 - 81	82 - 90	91 - 99	TOTAL
N	1.4	1.1	.5	.1												3.1
NNE	.2	.1	.0													.3
NE	.4	.1	.0													.5
ENE	.2	.1	.0													.3
E	.3	.1	.0													.4
ESE	1.1	1.0	1.1													3.2
SE	3.6	7.1	.9													29.5
SSE	.0	.0	.0													10.7
S	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2
WINDY	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28.8
TOTAL	12.1	10.7	23.4	11.0	2.1	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5424

2

DATA PROCESSING
STATION
REPORT

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

SURFACE WINDS

LAKE CROCKET APT
STATION NAME

61-61
YEARS

AR

MONTN

ALL WEATHER
CLASS

ALL

HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.1	.5	.2								3.0	4.9
NNE	.4	.2	.1									.7	4.0
NE	.2	.2	.1									.4	4.3
ENE	.2	.2	.1									.5	4.1
E	.4	.3	.3	.0								1.2	4.8
ESE	1.0	1.2	1.3	.3	.1	.1						3.9	6.8
SE	3.3	5.4	7.6	4.0	1.3	.8	.2	.0				22.6	8.9
SSE	1.7	3.1	5.0	2.4	.6	.3						13.0	8.6
S	1.0	1.1	1.6	.7	.1	.2						4.6	7.7
SSW	.6	.3	.4	.1	.1	.0						1.5	6.2
SW	1.1	.7	.8	.1		.0						2.8	5.6
WSW	.7	.7	.3	.1	.0							1.8	5.1
W	.6	.6	.4	.2								1.7	5.7
WNW	.3	.3	1.2	.3	.1	.0						2.9	7.2
NW	1.3	1.9	4.1	1.3	.3	.0						9.4	8.2
NNW	1.2	1.4	2.6	.6	.1	.0						6.0	7.1
VARBL													
CALM												24.0	
	15.6	19.4	26.2	10.8	2.3	1.4	.2	.0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

5952

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247
STATION

WILLIAMS LAKE B C DUT APT
STATION NAME

61-68
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.1	1.8	.2	.1							5.3	6.1
NNE	.3	.3	.4	.1								1.1	6.3
NE	.2	.3	.1	.0								.7	5.3
ENE	.3	.2	.1									.7	4.7
E	.4	.3	.3	.1								1.1	5.5
ESE	.0	1.1	1.2	.3	.1							3.3	7.1
SE	1.9	4.7	7.4	2.6	.7	.2						17.4	8.1
SSE	1.4	2.3	2.9	1.1	.1							7.8	7.1
S	1.2	1.1	1.3	.3	.1	.1						4.0	6.5
SSW	.7	.7	.6	.2								2.2	6.0
SW	1.0	.9	1.1	.2	.1							3.8	5.5
WSW	1.1	.9	.5	.1	.1							2.6	5.3
W	1.2	1.7	1.5	.4	.0	.0						4.8	6.3
WNW	.0	1.1	1.5	.5	.0	.0						3.8	7.1
NW	1.5	2.6	4.9	1.9	.2	.1						11.3	7.9
NNW	1.5	2.9	3.2	1.0	.1							8.7	6.8
VARBL													
CALM												21.5	
	15.5	23.3	29.0	8.4	1.5	.3						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

5759

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247 WILLIAMS LAKE B C OUT APT 61-01 DAY
 STATION STATION NAME YEARS MONTH
 ALL WEATHER ALL
 CLASS HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.2	1.7	.4	.1							5.9	5.9
NNE	.5	.7	.6	.1	.0							1.9	5.9
NE	.5	.6	.4	.1	.0							1.6	5.5
ENE	.4	.4	.4	.1	.0							1.3	6.1
E	.5	.7	.4	.1	.0							1.8	6.1
ESE	.6	.9	.8	.4	.1							2.8	7.0
SE	1.5	3.6	4.5	1.6	.3	.1	.0					11.4	7.7
SSE	1.2	1.5	1.8	.9	.2	.1						5.7	7.4
S	1.7	1.2	1.3	.3	.1	.0	.0					3.4	6.5
SSW	1.1	.7	.8	.2	.0							2.7	5.6
SW	1.6	1.6	.9	.1	.0							4.7	4.9
WSW	1.1	1.3	.7	.1	.0							3.2	5.1
W	1.3	1.9	1.4	.2	.0	.0						4.4	5.8
WNW	.7	1.5	1.1	.2	.1							3.6	5.1
NW	1.5	2.8	3.9	1.5	.1	.0						9.8	7.4
NNW	1.5	2.7	3.3	.6	.1							8.2	6.6
VARBL													
CALM												26.7	
	16.5	24.5	24.1	6.9	1.1	.2	.1					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

5952

2

DATA PROCESSING DIVISION
 ITAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247
 STATION

WILLIAMS LAKE H C OUT APT
 STATION NAME

61-00
 YEARS

JUN
 MONTH

ALL WEATHER
 CLASS

ALL
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.0	1.9	.4	.1							5.7	6.3
NNE	.7	.7	.5	.1	.0							2.0	5.2
NE	.7	.9	.5	.1								2.2	5.2
ENE	.0	.6	.3									1.4	4.5
E	.9	.7	.4	.0								1.8	5.0
ESE	.6	.9	.8	.3	.0							2.6	6.3
SE	1.7	3.3	3.8	1.6	.4							10.5	7.2
SSE	1.1	1.5	1.2	.6	.1	.0						4.5	6.7
S	1.1	1.4	.9	.1								3.5	5.3
SSW	.9	.6	.6	.6								2.2	5.4
SW	2.0	1.5	.8	.1	.0							4.4	4.7
WSW	1.3	1.1	.7	.1								3.1	4.8
W	1.5	1.5	1.2	.3	.0							4.4	5.5
WNW	1.0	1.3	1.2	.4	.1	.1						4.2	6.7
NW	1.8	2.7	3.9	1.5	.3	.1	.0					10.3	7.7
NNW	1.8	3.3	3.0	.9	.2	.0						9.1	6.8
YARBL													
CALM												28.0	
	18.6	24.1	21.5	6.5	1.1	.2	.0					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

3759

2

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247	WILLIAMS LAKE B C OUT APT	61-69	101
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			ALL
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.6	2.0	.3	.0							6.6	5.7
NNE	.8	.7	.5	.1	.0							2.1	5.3
NE	.7	.7	.4	.0								1.8	4.9
ENE	.4	.4	.2	.1								1.1	5.4
E	.5	.9	.5	.1								2.0	5.3
ESE	.9	.8	.9	.3								2.9	6.2
SE	2.0	3.4	3.6	.9	.1	.1						16.1	6.6
SSE	.9	1.2	1.5	.4	.0	.0						4.1	6.8
S	1.4	1.3	1.1	.1	.0							4.0	5.2
SSW	.9	.8	.5	.1	.0							2.4	5.3
SW	1.7	1.4	.8	.2		.0						4.1	5.0
WSW	1.3	1.1	.5	.2	.1							3.1	5.3
W	1.4	1.6	.8	.1	.0							3.9	5.1
WNW	.7	1.1	.6	.1		.0						2.6	5.5
NW	1.6	2.7	2.5	.3	.1							7.2	5.0
NNW	1.7	3.2	2.6	.7	.1							8.2	5.3
VARBL													
CALM												33.6	
	18.4	23.9	19.2	3.9	.4	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

5952

2

DATA PROCESSING DIVISION
 FTAC/USA
 AIR WEATHER SERVICE/AC

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

SURFACE WINDS

25247
STATIONWILLIAMS LAKE R C OUT APT
STATION NAME61-68
YEARSAUG
MONTHALL WEATHER
CLASSALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.6	1.1	.1	.0							5.9	4.9
NNE	.4	.7	.2	.0								1.8	4.2
NE	.4	.7	.4	.0								1.9	4.5
ENE	.0	.4	.1									1.4	3.8
E	1.0	1.0	.3	.1								2.4	4.6
ESE	1.1	1.1	.9	.1								3.2	5.3
SE	2.7	4.0	3.5	.7	.0							11.2	6.0
SSE	1.3	1.3	1.2	.2								4.6	5.5
S	1.0	1.1	.6	.0								3.4	4.4
SSW	1.2	.7	.2									2.1	3.8
SW	1.4	1.1	.3	.0								2.9	4.1
WSW	1.4	.6	.2	.1								2.4	4.3
W	1.3	1.1	.5	.1								3.1	4.5
WNW	1.1	.9	.6	.1	.0							2.6	4.0
NW	1.4	2.6	2.3	.3	.0	.0						6.4	6.1
NNW	1.2	3.0	2.0	.2		.0						6.7	5.6
VARBL													
CALM												37.9	
	21.2	23.8	14.6	2.0	.1	.0						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

5952

2

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247
STATION

WILLIAMS LAKE B C DDT APT
STATION NAME

61-6H
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.4	.9	.1		.0						3.5	5.2
NNE	.0	.4	.3	.1								1.3	5.0
NE	.4	.3	.0									.7	3.7
ENE	.3	.2										.5	3.4
E	.0	.6	.2		.0							1.4	4.6
ESE	1.0	1.1	.8	.2								3.0	5.4
SE	3.4	7.0	6.5	1.6	.1	.1						19.1	6.3
SSE	1.7	2.7	2.1	1.1	.2	.0						7.7	6.9
S	1.3	1.0	.6	.2	.1							3.2	5.3
SSW	.7	.3	.2	.1								1.2	4.5
SW	1.1	.4	.2	.0								1.7	4.1
WSW	.7	.5	.2	.1								1.4	4.3
W	.0	.9	.5	.2	.0							2.1	5.8
WNW	.4	1.0	.9	.2	.0							3.0	5.9
NW	1.5	2.6	3.3	1.0	.1							8.6	7.0
NNW	1.0	2.9	2.3	.5	.1							7.6	6.1
VARBL													
CALM												33.9	
	10.3	23.1	18.8	5.3	.5	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

3700

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247 STATION WILLIAMS LAKE H C DUT APT 61-04 YEARS CT MONTH ALL 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	.1	.0	.4	.2	.0							1.9	5.6
NNE	.2	.2		.0								.5	3.7
NE	.4	.1	.1									.6	3.4
ENE	.2	.1	.0									.3	3.6
E	.2	.3	.2	.2								1.0	4.6
ESE	.0	1.1	.8	.3	.0							3.0	5.9
SE	2.2	11.2	12.0	7.2	2.1	.4	.1					34.5	8.4
SSE	2.4	4.4	4.7	3.9	1.2	.3	.0					16.9	8.9
S	1.7	1.3	1.0	.2	.0							4.2	5.3
SSW	.2	.4	.1	.0								1.0	4.5
SW	1.3	.5	.2	.1								1.7	4.3
WSW	.4	.2	.2	.1	.0							1.1	5.6
W	.6	.6	.6	.2	.1							2.7	5.9
WNW	.2	.5	.4	.1								1.3	6.3
NW	.6	1.1	1.0	.5	.1							3.3	6.3
NNW	.6	1.1	.9	.3	.0							2.9	6.2
VARBL													
CALM												19.6	
	16.9	24.9	22.6	12.9	3.4	1.2	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 5952

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

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

SURFACE WINDS

STATION 25247 STATION NAME WILLIAMS LAKE E C OUT APT YEARS 61-68 MONTH NIV

CLASS ALL WEATHER MONTH ALL

CONDITION _____

HOURE (L.S.T.) _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	.4	.0								2.5	4.4
NNE	.2	.1	.1									.4	4.7
NE	.1	.1										.2	3.1
ENE	.1	.1										.1	3.3
E	.4	.4	.1									.7	4.7
ESE	.9	1.5	.9	.2								3.5	5.4
SE	5.5	10.2	12.0	6.0	2.1	.9	.2	.1				37.2	8.5
SSE	1.0	3.3	4.2	2.0	.7	.1	.0	.0				12.4	8.2
S	1.0	1.1	.7	.1		.0						3.0	5.3
SSW	.5	.3	.1									.9	3.7
SW	.6	.5	.1	.0								1.4	3.9
WSW	.3	.1	.1									.5	4.2
W	.0	.4	.4	.1								1.5	5.4
WNW	.4	.8	.5	.3	.0							2.1	6.7
NW	1.1	1.7	2.0	.7	.2	.0						5.7	7.3
NNW	1.2	2.2	1.4	.5	.1	.0						5.4	6.5
VARBL													
CALM												22.7	
	15.7	24.0	22.9	9.9	3.1	1.1	.3	.1				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 5760

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 25247 STATION NAME WILLIAMS LAKE B C OUT APT YEARS 61-65 DEC
MONTH
CLASS ALL WEATHER ALL
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.0	1.0	.2	.0		.0					4.2	5.4
NNE	.2	.0	.1									.3	3.9
NE	.2	.0	.1	.0								.3	4.4
ENE	.1	.1	.0									.2	3.6
E	.2	.1	.2									.6	5.4
ESE	.8	.7	.5	.1	.0							2.1	5.4
SE	4.7	6.9	9.6	6.0	2.2	1.4	.4	.1				31.2	9.4
SSE	2.2	3.1	2.8	2.4	.6	.3	.1	.0				12.5	8.5
S	1.0	.8	.4	.2								2.4	5.3
SSW	.2	.2	.1	.0	.0							.7	5.4
SW	.7	.2	.1									.9	3.4
WSW	.2	.1	.1									.5	3.9
W	.6	.7	.3	.1	.0							1.8	5.3
WNW	.2	.4	.6	.2		.0						2.0	6.1
NW	1.4	1.9	2.4	1.0	.2	.1						6.9	7.3
NNW	2.0	2.2	1.3	.3	.0	.0						5.8	5.4
VARBL													
CALM												27.5	
	16.0	19.5	20.4	10.5	3.1	1.8	.5	.1				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 5932

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247

WILLIAMS LAKE B C DUT APT

61-66

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-0200

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	.1									2.2	4.4
NNE	.3											.3	2.5
NE	.5	.1	.1									.8	3.8
ENE	.4	.3										.7	3.8
E	.1	.1	.3									.5	6.5
ESE	.6	.8	.3	.1								2.5	4.7
SE	4.2	6.2	8.3	5.0	1.1	.8	.3					25.8	8.8
SSE	2.6	4.2	6.2	2.6	.9	.3	.1					16.7	8.3
S	.3	.7										.9	4.1
SSW	.3	.3	.4									.9	4.9
SW	.5	.4	.1									1.1	4.1
WSW	.4	.3										.7	3.2
W	1.2	.8										2.0	3.6
WNW	.6	.4	.8	.1								2.2	5.9
NW	2.4	1.2	1.9	1.2	.7	.4						7.8	8.6
NNW	1.6	3.4	2.0	.9	.1	.3						7.9	6.6
VARBL													
CALM												27.6	
	17.1	20.4	20.6	9.6	2.4	1.7	.4					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

25247 WILLIAMS LAKE A C OUT APT 61-61
 STATION STATION NAME YEARS
 ALL WEATHER
 CLASS
 COORDINATE
 JAN
 MONTH
 0300-0500
 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.1	.4									3.1	4.2
NNE	.1	.1	.1									.4	5.3
NE	.5	.3	.1									.9	3.7
ENE													
E			.3									.3	8.0
ESE	.4	.3		.1								.8	5.0
SE	6.2	6.7	7.7	4.4	2.3	1.3						27.6	8.6
SSE	2.0	4.6	5.0	4.0	.7	.3						17.1	8.6
S	.4	.9	.4	.1								2.4	4.8
SSW	.3	.1	.1									.8	3.8
SW	.3	.4	.1									.7	4.2
WSW		.3										.3	5.0
W	.8	.7	.4									1.9	4.8
WNW	.4	.7	.9	.3	.1							2.4	8.0
NW	.8	1.3	1.6	1.7	.1	.3						6.0	9.1
NNW	2.0	2.4	1.6	.4	.4	.1						7.5	6.3
VARBL													
CALM												26.6	
	17.1	20.0	18.8	11.2	3.6	2.0						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AG

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

SURFACE WINDS

25247 WILLIAMS LAKE S C BDT APT 61-68
STATION STATION NAME YEARS
CLASS
CONDITION
JAN
0600-0400
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	2.0	.5	.9									4.3	4.1
NNE	.1	.1	.1									.4	5.0
NE													
ENE													
E	.3	.3										.5	3.3
ESE	.5		.1									.7	3.6
SE	4.4	7.0	7.3	4.2	1.7	1.3	.1					26.1	8.9
SSE	3.4	4.2	6.2	3.9	1.2	.5	.1					19.5	8.8
S	1.1	.9	.3									2.4	3.9
SSW	.3											.3	2.5
SW	1.0	.4	.1									2.2	3.3
WSW	.4	.1										.5	2.8
W	1.2	.5	.4									2.7	4.1
WNW	1.1	.7	.5	.1								2.4	5.1
NW	1.1	1.3	3.2	.7	.3	.3						5.9	8.4
NNW	1.9	1.9	2.4	.4	.1	.1						6.9	6.7
VARBL													
CALM												25.0	
	20.2	18.0	21.6	9.3	3.4	2.3	.3					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
 ITAC/USAF
 AIR EATER SERVICE/MAC

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

SURFACE WINDS

25247 STATION NAME WILLIAMS LAKE B C OUT APT 61-01 YEARS JAN MONTH 0900-1100 HOURS (L.S.T.)

STATION 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	1.9	1.1	.1									3.1	3.6
NNE	.4	.1										.4	3.7
NE													
ENE													
E	.3											.3	2.5
ESE	.1	.7	.5									1.3	6.2
SE	4.3	8.7	11.3	6.5	1.9	.9	.1					33.7	8.8
SSE	2.3	3.1	3.8	2.2	1.9	.3	.3					13.7	9.5
S	1.7	.4	.7	.1								3.0	4.3
SSW	.1	.1	.1									.3	5.0
SW	.3	.1										.4	2.8
WSW	.4	.1										.5	3.5
W	.1	.3	.4									1.1	4.9
WNW	.3	.9	.7	.4								2.3	7.2
NW	1.9	2.6	3.1	.8	.7	.3						9.3	7.6
NNW	1.1	3.2	2.3	.5								7.1	6.3
VARBL													
CALM												23.3	
	15.2	21.6	23.0	10.5	4.4	1.3	.4					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USA-
AIR WEATHER SERVICE/ETAC

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

SURFACE WINDS

25247
STATION

WILLIAMS LAKE B C OUT APT
STATION NAME

61-66
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	1.3	1.2	.8									3.4	4.6
NNE	.1											.1	3.0
NE													
NNE	.1		.1									.3	5.0
E													
ESE	.7	.7	.8									2.2	5.7
SE	4.0	8.3	8.6	7.5	1.1	.3	.3					30.7	8.6
SSE	1.0	3.8	5.8	4.6	.4		.5					16.7	9.4
S	.4	.5	1.5	.3								7.7	6.9
SSW	.7	.1	.3									1.1	4.3
SW	.4	.3	.1									1.3	3.6
WSW	.4	.1	.3									.4	4.5
W	.4	.8	.3	.1								1.3	5.0
WNW	.6	.3	1.1	.3	.3							2.7	7.7
NW	1.0	3.4	3.0	1.1	.5							9.5	7.3
NNW	2.7	2.7	3.4	.4	.3							9.6	6.3
VARBL													
CALM												15.3	
	15.0	22.3	25.9	14.2	2.0	.3	.8					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
 ETAC/USA
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247
 STATION

WILLIAMS LAKE R C OUT APT
 STATION NAME

61-68
 YEARS

JAN
 MONTH

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.7	1.1	.3	.1							3.7	5.9
NNE	.1	.3										.4	3.7
NE	.1											.1	3.0
ENE													
E	.4			.4								.8	7.8
ESE	1.1	1.2	.7									3.0	5.1
SE	4.6	9.2	9.1	4.4	1.1	.9	.3					29.3	8.0
SSE	2.7	2.0	5.4	2.8	.9	.4						15.6	9.2
S	.5	.9	1.2	.3								3.0	6.8
SSW	.4	.3	.1	.3								1.6	5.6
SW	1.1	.3										1.3	2.8
WSW	.7	.3	.1									1.1	3.9
W	.5	.7	.5	.1								1.9	3.9
WNW	.7	.8	1.2	.1								2.8	6.0
NW	3.7	2.0	3.0	.4	.5	.1						9.0	6.7
NNW	2.2	3.4	3.1	.1	.1	.1						9.0	6.3
VARBL													
CALM												19.2	
	19.6	22.0	25.5	9.3	2.6	1.2	.3					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/DAU

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

SURFACE WINDS

25247	WILLIAMS LAKE U C OUT APT	61-58	JAN
STATION	STATION NAME	YEARS	NORTH
ALL WEATHER			1800-2000
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.3	.8	.1								3.8	4.9
NNE	.3											.3	2.0
NE	.3	.1										.4	3.3
ENE	.3											.3	3.0
E	.4	.4	.3	.1								1.2	5.1
ESE	.7	.3	.8	.1								1.9	6.1
SE	4.7	5.1	7.9	4.4	1.3	1.1						24.6	8.8
SSE	4.3	4.6	5.1	2.3	.8							17.1	7.2
S	.7	.5	.3									1.7	4.5
SSW	.4	.4	.3	.3								1.3	6.5
SW	.5	.1										.7	3.0
WSW	.4		.4									.8	6.0
W	.6	1.2	.7	.3								3.0	5.7
WNW	.9	.7	.7	.3								2.6	6.2
NW	2.4	1.1	1.5	.9	.3	.3						6.5	7.6
NNW	1.9	2.7	3.0	.5	.4							8.5	6.6
VARBL												25.5	
CALM													
	20.7	18.5	21.6	9.4	2.8	1.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247 WILLIAMS LAKE 3 C DUT APT 61-68 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.7	.5									2.4	4.3
NNE	.1											.1	3.0
NE	.1	.1										.3	3.5
ENE	.3	.1										.4	3.3
E		.4	.1									.5	3.5
ESE	.7	1.9	.4									3.0	4.8
SE	3.5	7.3	8.6	3.6	1.6	1.1	.1					25.8	8.7
SSE	1.9	4.2	6.5	2.4	.7	.1						15.7	8.1
S	1.1	.4	.3	.1								1.9	4.8
SSW	.7		.1									.1	.2
SW	.4			.1									.3
WSW			.1									.1	9.0
W	.4	1.3	.5									2.8	4.5
WNW	.4	.9	.4	.4								2.2	6.6
NW	1.7	2.2	2.0	.9	.3	.3						7.4	7.6
NNW	1.1	3.8	2.0	.5	.1	.1						7.7	6.6
VARBL													
CALM												28.4	
	14.1	23.3	21.6	8.2	2.7	1.6	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
 LTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247
STATIONWILLIAMS LAKE B C DOT APT
STATION NAME61-68
YEARSFEB
MONTH0000-0200
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	1.1	1.3	.7	.1								3.2	5.1
NNW	.6											.4	2.3
NE	.1	.1										.3	4.5
ENE		.3										.3	4.5
E	.4	.1										.6	3.5
ESE	1.0	.7	.3	.3								2.9	5.1
SE	4.7	6.9	12.5	6.2	.6		.4					31.4	8.3
SSE	1.9	1.9	3.5	1.9	.4							9.7	7.9
S	1.5	.4	.3	.1								2.4	4.1
SSW	.1	.1	.1									.4	4.3
SW	.9	.1	.1									1.2	3.4
WSW	.7	.3										1.0	3.3
W	1.0	1.0	.1	.1								2.4	4.6
WNW	.9	.6	1.2	.7								3.4	7.3
NW	1.0	1.2	2.5	.1								4.9	6.6
NNW	1.0	1.3	1.2	.4								4.0	6.1
VARBL													
CALM												31.3	
	17.7	16.7	22.7	10.2	1.0		.4					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

678

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247 WILLIAMS LAKE B C OUT APT 61-68 FEB
 STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 0200-0500
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.0	1.2									3.4	5.4
NNE		.1										.1	4.0
NE	.6	.1										.7	2.8
ENE	.1											.1	3.0
E													
ESE	1.2	.7	.4									2.4	4.3
SE	4.4	8.6	9.4	6.3	.6	.6						29.9	8.3
SSE	2.4	1.5	4.7	2.2	.4	.3						11.4	8.6
S	1.5	.9	.7									3.1	4.5
SSW	.7	.4	.1	.1								1.5	4.9
SW	.7	.4	.1									1.3	4.8
WSW	1.2	.1										1.3	3.0
W	.4	1.3	.3									2.1	4.5
WNW	.3	.6	.7	.1								1.8	6.5
NW	.4	1.2	1.3	.1	.1							3.2	7.4
NNW	.9	1.5	1.6	.4								4.4	6.3
VARBL													
CALM												33.2	
	15.9	18.6	20.8	9.4	1.2	.9						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

678

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C DUT APT 61-64 YEARS
ALL WEATHER CLASS
CONDITION
FEED MONTH 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	.6	.9										1.5	3.5
NNE													
NE	.1											.1	2.0
ENE	.2	.1										.4	3.3
E			.3									.3	7.0
ESE	.6	1.2	.4	.1								2.4	5.3
SE	4.0	8.6	9.7	7.2	1.5	.6						31.6	8.6
SSE	1.8	2.8	3.1	1.8	.4							9.9	7.7
S	1.4	.7	.6									2.7	4.4
SSW	.7		.1									.9	3.5
SW	.7	.3	.1									1.2	3.6
WSW	1.0	.6	.1									1.8	3.6
W	.7	.9	.4									2.1	4.7
WNW	.4	.4	.7									1.6	5.5
NW	.6	.6	1.3	.3	.1							2.9	7.5
NNW	1.2	1.9	1.5		.1							4.7	5.8
VARBL													
CALM												36.0	
	14.2	19.0	18.6	9.4	2.2	.6						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 678

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR EATER SERVICE/MAC

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

SURFACE WINDS

25247
STATION

WILLIAMS LAKE B C OUT APT
STATION NAME

61-68
YEARS

FEB
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.3	.4	.1								1.9	5.1
NNE													
NE													
ENE	.1											.1	3.0
E	.1	.3										.4	3.7
ESE	1.3	1.6	1.8	.4								5.2	6.0
SE	3.4	8.0	12.4	6.2	1.0	.6						31.6	8.7
SSE	2.9	2.2	5.9	1.5	1.2	.3						14.0	8.3
S	1.5	2.2	.4	.1								4.3	4.8
SSW	.9	.6	.4									1.9	4.8
SW	.6	.6	.3									1.5	4.6
WSW	.9	.3	.3									1.5	4.2
W	.7	.4		.1								1.3	4.6
WNW	.1	.4	.9	.1		.1						1.8	8.3
NW	.7	.9	1.6	.3								3.5	6.9
NNW	.9	.9	1.9	1.2								4.9	8.0
VARBL													
CALM												26.1	
	15.3	18.7	26.4	10.2	2.2	1.0						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 678

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

25247
STATIONWILLIAMS LAKE B C OUT APT
STATION NAME61-68
YEARSFEB
MONTHALL WEATHER
CLASS1200-1400
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	.3	.4									1.5	5.2
NNE	.1		.1									.3	5.0
NE	.1											.1	3.0
ENE	.1	.1										.3	4.0
E	.3	.1	.1									.6	5.3
ESE	1.0	2.4	1.6									5.0	5.4
SE	1.3	6.2	10.0	8.3	1.6	1.0						28.8	10.0
SSE	1.8	2.7	4.3	3.7	.9							13.3	8.9
S	1.0	1.2	1.2		.1							4.1	5.4
SSW	.9	.7	.3									1.9	4.5
SW	1.2	1.6	.9	.1	.1							4.0	5.7
WSW	.9	.3	.7									1.9	5.3
W	.3	.6	.7	.3	.3	.3						2.5	10.4
WNW	.1	.9	1.2	.1	.1							2.5	7.9
NW	1.2	1.3	2.7	.9	.3							6.4	7.8
NNW	.4	1.3	2.7	.6	.1							5.2	7.6
VARBL													
CALM												21.5	
	12.4	19.9	27.0	14.0	3.8	1.3						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

678

2

DATA PROCESSING DIVISION
ETAC/USA-
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247

STATION

WILLIAMS LAKE B C OUT APT

STATION NAME

61-66

YEARS

FEB

MONTH

ALL WEATHER

CLASS

1500-1700

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.9	.4	.1								2.2	5.1
NNE	.3	.3										.6	3.3
NE													
ENE	.1	.1	.3									.6	6.0
E	.7	.1	.1									.9	3.8
ESE	1.3	1.8	1.8		.1							5.0	5.8
SE	3.1	6.9	8.1	6.0	2.8	.6	.3					27.9	9.6
SSE	1.2	2.8	3.4	2.4								9.7	7.8
S	1.0	.6	.9	.3	.1							2.9	6.9
SSW	.4	.4										1.3	3.7
SW	1.0	.6	.4									2.1	4.2
WSW	.1	.1	.3			.1						1.0	10.4
W		.7	1.2	.9	.3							3.1	10.0
WNW	.3	1.3	1.2	.6		.1						3.5	8.0
NW	1.0	3.2	2.8	.6	.3							8.6	6.6
NNW	1.4	2.4	2.2	1.5								8.0	6.8
VARBL													
CALM												22.6	
	14.3	22.2	23.2	12.7	3.7	.9	.3					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

678

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247
STATION

WILLIAMS LAKE B C OUT APT
STATION NAME

61-66
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	2.2	2.8	.3	.3								5.6	4.5
NNE	.4											.4	2.7
NE	.6	.3	.1									1.0	3.7
ENE	.4	.1										.5	3.3
E	.1											.1	3.0
ESE	1.2	1.6	1.6	.4								4.9	6.2
SE	2.2	5.5	9.4	6.0	1.2	.7	.1					25.2	8.5
SSE	1.5	1.2	2.9	1.9	.1							7.7	8.3
S	.7	.4	.7	.1	.1							2.2	7.0
SSW	.1	.1	.3	.3								.9	8.2
SW	1.2	.6		.1								1.9	4.3
WSW	.3	.1	.3	.3								1.0	7.9
W	.6	.7	.9	.3								2.5	6.8
WNW		1.0	1.6	.7								3.4	8.3
NW	.7	2.1	3.1	.9								6.5	7.2
NNW	2.0	1.5	1.3	.9								6.5	5.8
VARBL													
CALM												29.5	
	15.2	18.1	22.7	12.1	1.2	.7	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 678

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR ENTER SERVICE/AC

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

SURFACE WINDS

25247 WILLIAMS LAKE B C HUT APT 61-68 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 2100-2300
CONDITION 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	2.2	1.6	.4	.1								4.4	4.2
NNE		.1										.1	4.0
NE	.4	.1	.1									.5	4.5
ENE													
E	.4	.1	.3									.9	4.8
ESE	.7	.9	1.0	.6								3.2	6.5
SE	3.5	6.2	13.6	4.3	.9	.4	.1	.3				29.4	8.8
SSE	1.6	2.2	3.4	2.2	.1							9.5	7.9
S	1.3	.6	.3	.3								2.7	4.8
SSW	.4	.3	.3									1.0	4.3
SW	.7	.3	.3									1.3	4.2
WSW	.3		.3									.6	6.3
W	.6	1.0	.4	.4								2.5	6.2
WNW	.6	.6	1.2	1.2								3.5	8.4
NW	1.5	.4	3.1	.6	.1							5.4	7.5
NNW	.9	1.3	1.0	.6								3.8	6.5
VARBL													
CALM												30.5	
	15.4	15.9	25.8	10.3	1.2	.4	.1	.3				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 678

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR ENTER SERVICE/AC

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

SURFACE WINDS

STATION 25247 WILLIAMS LAKE B C OUT APT STATION NAME 61-60 YEARS MONTH AK
 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	1.3	1.3	.4	.1								3.3	4.9
NNE	.4		.1									.5	3.5
NE	.3	.3	.1									.7	4.8
ENE	.3											.4	3.7
E	.4	.1										.5	4.0
ESE	.7	.4	1.1	.1								2.3	6.4
SE	3.9	6.7	7.1	3.1	1.2	.7						22.7	8.1
SSE	2.4	4.4	5.1	2.0	.4							14.4	7.4
S	1.1	1.1	.9	.1	.1	.3						3.2	7.2
SSW	.4			.3								.7	6.6
SW	1.1	.1	.1									1.3	3.2
WSW	.7	.5										1.2	3.2
W	.8	.4	.5	.1								1.9	5.3
WNW	.5	.7	.8	.1	.1							2.3	6.7
NW	1.2	1.3	3.2	1.6	.4							7.5	8.6
NNW	.7	1.1	1.5	1.1								4.4	7.7
VARBL													
CALM												32.0	
	16.4	18.5	21.1	8.7	2.3	.9						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247
STATION

WILLIAMS LAKE R C DLIT APT
STATION NAME

01-68
YEARS

AR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.9	.3									2.6	4.0
NNE	.1	.3										.4	4.0
NE													
ENE	.2	.1										.4	3.3
E	.7	.3	.3									1.2	4.0
ESE	1.3	.5	.9			.3						3.1	6.3
SE	4.6	6.6	8.6	2.8	1.3	.7						24.6	8.0
SSE	2.2	3.6	3.4	1.9		.1						11.2	7.2
S	.9	1.1	.9	.7	.1	.3						4.0	8.1
SSW	.3		.1									.4	4.0
SW	1.5	.1	.1									1.7	3.2
WSW	1.2	.7	.1	.1								2.2	4.0
W	.3	.5	.3	.1								1.3	5.0
WNW	.7	.8	.7	.4								2.6	6.3
NW	.7	2.0	2.7	2.6	.3							8.2	8.8
NNW	1.1	.8	1.3	.4								3.5	6.2
VARBL													
CALM												32.4	
	17.3	18.4	19.8	9.0	1.7	1.3						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
 FTAC/USA
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 75247 STATION NAME WILLIAMS LAKE S C OUT APT YEARS 61-65 MONTH JAN
 CLASS ALL WEATHER HOURS 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	1.5	.8	.1									2.4	3.6
NNE	.1											.1	2.0
NE	.3											.3	3.0
ENE	.3											.3	3.0
E	.4	.1										.4	3.0
ESE	.9	1.1	.8			.3						3.1	6.8
SE	5.1	8.5	6.6	4.3	.6	1.2	.3					26.7	8.2
SSE	2.4	3.1	4.3	2.2	.3							12.2	7.6
S	1.1	.7	.7	.3		.4						3.1	7.6
SSW	1.2	.1	.1									1.3	3.5
SW	1.1	.6	.1									2.0	3.7
WSW	1.1	.7	.3									2.0	4.1
W	.3	.4										.7	4.0
WNW	.4	.8	.8	.4								2.4	6.8
NW	1.5	1.5	3.5	1.5								7.9	8.0
NNW	1.1	1.5	1.6	.3								4.4	6.1
VARBL													
CALM												30.4	
	18.2	20.0	19.0	8.9	1.1	1.9	.3					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 744

USA

.5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247
 STATION

WILLIAMS LAKE B C DUT APT
 STATION NAME

61-68
 YEARS

MAR
 MONTH

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.8	.3									1.6	4.9
NNE	.1	.1	.1									.4	4.3
NE													
ENE													
E		.4	.1									.5	6.0
ESE	1.2	2.0	1.7	.3								5.2	5.9
SE	3.5	5.0	9.8	4.3	1.9	1.3	.4	.1				26.3	9.9
SSE	1.2	2.3	5.6	2.8	1.1	.3						13.3	6.6
S	1.7	1.2	2.6	.7		.3						6.3	7.5
SSW	1.4	.7	.3		.1							2.3	4.8
SW	2.3	1.3	1.5	.1								5.2	5.0
WSW	.4	.4	.1									.9	4.4
W	.4	.4	.1									.9	4.6
WNW	.3	.8	.9									2.0	5.9
NW	1.3	1.9	5.0	2.2								10.3	7.8
NNW	1.2	2.0	2.3	1.2								6.7	7.1
VARBL													
CALM												17.5	
	15.6	19.4	30.5	11.6	3.1	1.9	.4	.1				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247 WILLIAMS LAKE B C DIT APT 61-68
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
-AR
NORTH
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.9	1.1	.3								2.8	6.4
NNE	.3	.3	.1									.7	4.8
NE	.1	.3										.4	4.7
ENE	.1	.4										.5	4.3
E	.3	.7	.1									1.1	4.3
ESE	1.3	1.2	2.3	.5	.4	.3						6.7	8.0
SE	1.5	3.6	8.6	5.2	1.9	1.1	.4	.1				22.4	10.8
SSE	.7	2.3	5.4	3.6	1.2	.5						13.4	10.4
S	.5	1.6	2.2	1.5								5.4	8.0
SSW	.7	.8	.5	.3	.3	.1						2.7	8.6
SW	.7	.8	.9	.1		.1						2.7	7.3
WSW	.9	1.3	.8	.1								3.7	5.3
W	.5	.3	.9	.7								2.7	7.9
WNW	.3	.9	1.3	.4								3.0	7.7
NW	.7	2.7	4.6	1.7	.5							10.2	8.5
NNW	.7	2.2	5.0	.7	.1							8.6	8.0
VARBL													
CALM												13.7	
	9.6	20.6	33.9	14.9	4.4	2.2	.4	.1				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/14C

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

SURFACE WINDS

25247
STATION

WILLIAMS LAKE R C BUT APT
STATION NAME

61-68
YEARS

AR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.8	.5	.3								2.0	6.5
NNE	.7	.7	.3									1.6	4.5
NE	.3	.4	.3									.9	5.4
ENE	.1	.4	.4									.9	6.1
E	.4	.9	.5									1.9	5.6
ESE	.9	.9	1.3	.5	.1							3.9	7.4
SE	2.4	4.3	7.0	5.1	1.5	.8	.1					21.2	9.7
SSE	.7	2.4	5.1	3.0	.8	.3						12.2	9.9
S	.4	.7	2.4	1.5	.1							9.1	9.5
SSW	.1	.5	.8	.3								1.7	7.5
SW	.4	.7	1.6	.5		.1						3.4	8.3
WSW	.4	.8	.7	.5	.1							2.6	8.1
W	.4	1.1	.5	.4								2.4	6.7
WNW	.4	.5	2.2	.5	.1	.3						4.0	9.4
NW	2.6	2.2	5.8	2.4	.4	.1						13.4	8.1
NNW	1.7	.9	4.2	1.2	.3	.1						8.5	8.2
VARBL													
CALM												14.1	
	12.4	18.3	33.6	16.3	3.5	1.7	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C OUT APT 61-66 MARK MONTH 1800-2000
STATION NAME YEARS HOUR (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	2.4	1.9	.7	.3								5.2	4.4
NNE	.4	.3										.7	3.6
NE	.4	.3										.7	3.6
ENE	.3	.4										.7	3.4
E	.5	1.1	.8									2.4	5.4
ESE	.9	2.6	1.1	.5		.1						5.2	6.3
SE	2.7	3.1	3.9	3.8	1.1							16.3	8.4
SSE	2.2	3.2	4.7	2.0	.7	.4						13.2	8.3
S	.9	1.6	1.5	.7								4.7	6.9
SSW	.3	.4	.7									1.3	6.5
SW	.9	.8	1.9									3.6	6.0
WSW	.5	.5	.4	.3								1.7	6.0
W	.7	.5	.3									1.5	4.5
WNW	.7	1.6	2.2	.1	.1							4.7	6.9
NW	1.7	1.9	4.0	1.5								9.1	7.5
NNW	1.7	1.5	2.3	.3								5.8	6.1
VARBL													
CALM												22.8	
	17.3	21.6	26.3	9.4	1.9	.5						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247
STATION

WILLIAMS LAKE B C OUT APT
STATION NAME

61-68
YEARS

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	2.4	1.1	.7	.3								4.4	4.7
NNE	.8	.3										1.1	3.1
NE	.4	.1										.3	2.8
ENE	.5											.5	2.8
E	.7	.4	.1	.1								1.3	4.6
ESE	.7	.5	.8	.3								2.3	6.1
SE	2.7	5.5	7.5	3.2	.8	.3						20.0	8.0
SSE	2.0	3.6	6.0	1.9	.4	.4						14.4	8.1
S	1.3	.9	1.6	.3	.1							4.3	6.3
SSW	.5	.1	.5									1.2	5.6
SW	.7	1.1	.4									2.2	4.8
WSW	.4	.3										.7	3.4
W	.9	.9	.5									2.4	4.9
WNW	.8	.3	.7	.3								2.0	6.2
NW	.6	1.7	3.8	1.3	.4							8.1	8.3
NNW	1.3	1.6	2.8									5.8	6.2
VARBL													
CALM												28.8	
	17.1	18.3	25.5	7.7	1.7	.7						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247
 STATION

WILLIAMS LAKE B C DUT APT
 STATION NAME

61-68
 YEARS

APR
 MONTH

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.2	1.2									4.6	5.1
NNE	.3	.3	.1	.1								.8	5.8
NE		.1										.1	4.0
ENE	.3											.3	3.0
E	.1	.1										.3	2.5
ESE	1.2	1.5	.7									3.5	4.5
SE	2.2	6.1	7.2	2.5	.6							18.6	7.5
SSE	2.1	2.9	3.1	.0								8.6	6.3
S	.6	.4	.4									1.4	5.5
SSW	.4	.1		.1								.7	5.2
SW	1.5	.4	.1									2.1	3.5
WSW	1.4	.7	.1									2.2	3.9
W	2.4	1.9	.8	.4								5.6	4.9
WNW	1.0	1.8	.7									3.5	4.6
NW	1.0	2.6	2.9	.8	.3							7.6	7.2
NNW	1.8	3.6	3.3	.6								9.3	6.2
VARBL													
CALM												30.8	
	17.4	25.0	20.8	5.1	.8							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C DUT APT 61-6A YEARS APR
MONTH
0300-0900
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	.6	1.2	1.7	.1								3.6	6.3
NNE		.1										.1	4.0
NE	.3	.3										.6	3.3
ENE													
E	.1	.4	.1									.7	4.6
ESE	1.1	1.2	.6									2.9	4.8
SE	4.7	6.4	9.4	1.8	.8							23.2	7.0
SSE	1.7	2.1	1.9	1.1								6.8	6.6
S	1.5	.3	.1									1.4	3.6
SSW	.4	.3										.7	3.2
SW	2.8	.3	.1									3.2	3.0
WSW	1.4	.3	.3									1.9	3.9
W	1.4	1.4	.6									3.3	4.4
WNW		.7	1.1	.1								1.9	7.5
NW	1.5	3.2	2.8	1.5								9.0	7.1
NNW	1.2	1.9	2.4	1.1								6.7	6.9
VARBL													
CALM												33.9	
	18.2	20.1	21.1	5.8	.8							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C DUT APT 61-06 YEARS APR 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	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	1.0	.3								3.5	5.5
NNE	.3	.4		.1								.9	5.2
NE	.3	.1										.4	3.0
ENE			.1									.1	9.0
E	.3	.1	.1									.6	5.0
ESE	.1	1.0	.7	.1								1.9	6.6
SE	3.1	7.6	8.9	1.5	1.0	.3						22.4	7.1
SSE	2.6	2.9	3.1	1.1								9.7	6.5
S	1.2	.8	.3									2.4	4.1
SSW	1.2	.4	.1	.1								1.9	4.2
SW	1.1	.6	.1	.1	.1							2.1	5.3
WSW	1.3	.6	.1									2.2	3.9
W	1.4	.7	.7									2.6	4.4
WNW	.1	1.5	.7									2.4	6.3
NW	1.9	2.2	4.9	1.7	.1							10.8	7.6
NNW	1.9	3.3	2.4	.6								8.2	5.9
VARBL													
CALM												27.9	
	18.2	23.5	22.2	5.7	1.2	.3						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247
STATION

WILLIAMS LAKE B C DUT APT
STATION NAME

61-68
YEARS

1PR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	1.8	.1								4.0	6.1
NNE		.1	.7									.8	7.2
NE	.3	.1	.1									.6	4.8
ENE			.3									.3	9.5
E	.3	.1	.6	.1								1.1	6.9
ESE	.8	1.4	2.6	.7								5.6	7.3
SE	1.4	3.3	8.9	4.7		.7						19.7	9.5
SSE	1.0	2.4	3.9	1.3	.3							8.8	7.8
S	1.3	1.4	1.5	.3	.4							4.9	6.9
SSW	.8	1.1	1.3	.6								3.8	6.7
SW	1.1	1.3	1.5	.1								4.0	5.9
WSW	.1	1.7	.3	.1								2.2	5.5
W	.3	1.8	1.5	.4								4.0	7.2
WNW	.8	.7	1.8	.6								3.9	6.8
NW	2.1	1.9	7.5	2.8	.1							14.5	8.2
NNW	1.0	2.5	4.2	1.0								8.6	7.2
VARBL													
CALM												13.2	
	12.4	20.9	38.5	12.8	1.3	.7						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

719

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247
 STATION

WILLIAMS LAKE B C OUT APT
 STATION NAME

61-65
 YEARS

APR
 MONTH

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.4	2.4	.1	.1							5.7	6.8
NNE	.4	.4	.6	.1								1.5	6.3
NE		.4		.1								.6	6.3
ENE	.5	.6	.3									1.1	5.3
E	1.2	.1	.7	.1								2.5	5.4
ESE	.3	1.0	2.1	.6	.3							4.7	8.7
SE	.8	2.8	7.5	3.3	1.1							15.6	9.4
SSE	.6	2.2	3.9	2.4	.1							9.2	8.6
S	.7	.4	2.9	.8	.1	.3						5.3	9.0
SSW	.4	.7	1.0	.1								2.1	7.1
SW	.6	1.1	1.9	.4	.3							4.6	7.8
WSW	.4	1.1	1.1	.6	.1							3.3	8.1
W	1.1	2.5	2.6	1.1	.1							7.5	7.4
WNW	.7	.3	2.4	.8	.1	.1						4.4	9.0
NW	1.1	2.4	6.8	3.7	.3							14.3	8.9
NNW	.7	1.5	4.4	1.4	.3							8.3	8.2
VARBL													
CALM												9.9	
	10.4	19.9	40.6	15.8	3.1	.4						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 25247 STATION NAME WILLIAMS LAKE H C OUT APT YEARS 61-62 MONTH APR
 CLASS ALL WEATHER HOURS 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	1.2	1.5	2.9	.7	.6							6.9	7.9
NNE	.4	.4	1.4	.4								2.6	7.6
NE	.4	.4	.7	.1								1.7	6.8
ENE	.4	.6										1.0	3.9
E		.4	.4	.1								1.0	7.9
ESE	.1	.8	1.9	.8	.4							4.7	9.4
SE	.6	2.8	5.1	2.8	.7	.3						12.5	9.3
SSE	.7	1.9	3.1	.8								6.5	7.3
S	1.0	1.4	2.8	.6	.1	.1						6.8	7.1
SSW	.1	.7	1.7	.4								2.9	8.3
SW	1.5	1.2	2.6	.4								5.8	6.5
WSW	1.2	.7	1.0	.3	.3							3.2	6.9
W	.8	1.9	2.9	.8		.3						6.8	7.8
WNW	.1	1.0	1.8	1.5		.1						4.6	9.9
NW	.8	3.2	8.1	2.8	.3	.1						15.3	8.6
NNW	1.2	2.1	3.5	1.4	.3							8.4	7.9
VARBL													
CALM												9.7	
	11.7	21.1	39.9	14.0	2.6	1.0						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/HAL

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

SURFACE WINDS

5247
STATION

WILLIAMS LAKE H C OUT APT
STATION NAME

61-68
YEARS

APR
MONTH

ALL WEATHER
CLASS

1000-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.7	1.9	.4								8.2	5.6
NNE	.1	.7	.4									1.8	4.8
NE	.3	.8	.1									1.2	4.7
ENE	.7	.7	.4									1.8	4.7
E	.7	.6	.6									1.8	4.8
ESE	.3	.7	1.0	.4								2.4	7.8
SE	1.1	2.8	6.4	2.1	.4							12.6	8.3
SSE	.4	1.2	2.2	.7								5.0	7.5
S	1.2	1.9	1.9	.6								5.7	6.4
SSW	1.1	1.4	.8	.1								3.5	5.6
SW	1.4	.6	1.1	.1								3.1	5.6
WSW	1.4	1.4	.8									3.5	4.8
W	1.1	1.7	1.5	.7								5.0	6.3
WNW	1.3	1.4	2.1	.6								5.6	6.4
NW	1.3	3.2	4.3	.8	.4	.3						10.6	7.7
NNW	1.8	3.1	2.9	1.4								9.2	6.9
VARBL													
CALM												19.2	
	17.4	25.8	28.6	7.9	.8	.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USA
AIR EATER SERVICE/AC

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

SURFACE WINDS

25247	WILLIAMS LAKE B C MPT APT	61-68	APR
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			2100-2300
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.7	1.4									6.1	5.2
NNE	.1	.1	.1	.1								.6	6.5
NE		.1										.1	6.0
ENE	.1	.1										.1	5.2
E		.7	.1									.8	5.0
ESE	.0	1.2	.3	.1								2.1	5.6
SE	1.4	5.6	5.4	1.8	.1							14.3	7.2
SSE	1.0	2.8	2.2	.6	.1							7.5	6.2
S	1.7	1.8	.7	.1								4.4	4.8
SSW	1.0	.8		.1								1.9	4.0
SW	2.4	1.5	1.2									5.1	4.5
WSW	1.7	.6	.1									2.4	3.6
W	1.2	1.4	1.1									3.7	5.0
WNW	.0	1.7	1.2									3.7	5.7
NW	2.6	2.4	2.4	.7	.4							8.1	6.5
NNW	1.9	5.4	2.8	.7	.1							11.0	5.8
VARBL													
CALM												27.4	
	18.3	30.0	19.2	4.3	.0							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AC

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

SURFACE WINDS

25247 STATION WILLIAMS LAKE CO MIT APT 61-68 DAY MONTH 0000-0200
 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	2.0	2.4	2.0	.1								7.1	5.2
NNE	.0	.5										1.3	3.5
NE	.0	.1	.1									.8	4.3
ENE	.3	.1										.4	3.3
E	.5	.3	.3	.3								1.3	6.0
ESE	.0	.8	.3		.1							2.0	5.0
SE	1.4	4.3	3.5	.7								10.3	6.2
SSE	1.5	2.3	1.1	.3	.1							5.2	5.8
S	1.0	.5										2.2	3.1
SSW	1.0	.4										2.3	2.0
SW	1.3	.7	.1									2.3	3.5
WSW	1.1	1.3	.3									2.7	4.1
W	2.3	1.5	.3	.1								4.2	4.0
WNW	.4	1.9	.4									3.2	4.8
NW	1.3	1.9	1.7	.7								5.6	6.4
NNW	1.7	3.1	3.4	.1								8.3	5.7
VARBL													
CALM												40.6	
	21.2	22.2	13.4	2.3	.3							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C DUT APT 01-68 YEARS MAY MONTH
 ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.7	.3	.1								3.6	4.6
NNE	.3	.1										.4	3.3
NE	.1											.1	2.0
ENE													
E	.1	.4										.5	3.3
ESE	.7	.8	.3	.1								1.9	3.3
SE	2.0	5.6	4.4	.3		.1	.3					12.3	6.7
SSE	1.7	2.7	1.1	.4								5.9	3.5
S	.7	.8	.1									1.6	3.8
SSW	1.3	.1	.3	.1								1.9	4.1
SW	1.0	.3	.3									2.2	3.8
WSW	1.2	.5	.1									1.9	3.9
W	2.4	.9	.1									3.2	3.5
WNW	.7	1.1	.9									2.7	3.5
NW	1.2	2.2	1.2	.4								5.2	3.8
NNW	1.7	3.1	2.4									7.3	3.4
VARBL													
CALM												49.1	
	17.3	20.2	11.6	1.5		.1	.3					100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 744

2

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

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

SURFACE WINDS

25247

STATION

WILLIAMS LAKE 8 C DUT APT

STATION NAME

61-65

YEARS

DAY

MONTH

ALL WEATHER

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.2	.7									4.4	4.6
NNE	.1											.1	2.0
NE	.3	.1										.4	3.3
ENE													
E	.1	.3										.4	4.0
ESE	.9	.8	.3	.4								2.4	5.8
SE	2.0	5.8	5.2	1.3	.1	.3						14.8	7.1
SSE	1.9	2.3	1.1	.5	.1							5.9	6.2
S	1.2	1.9	.5									3.6	4.3
SSW	1.3	1.1	.7									3.1	4.4
SW	3.2	3.0	.4									6.9	3.7
WSW	.7	.8	.5									2.0	5.1
W	1.2	1.1	.8		.1							3.2	5.4
WNW	.3	1.1	.8	.1								2.6	5.4
NW	1.6	2.6	4.8	1.1								10.1	6.8
NNW	2.0	3.2	3.5	.4								9.1	6.2
VARBL													
CALM												30.9	
	19.1	26.1	19.4	3.9	.4	.3						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C DPT APT 01-68 YEARS MAY MONTH
0900-1100 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	1.7	1.5	1.5									4.7	5.2
NNE	.3	.9	.5	.1								1.9	5.9
NE	.3	.6	.1									1.2	4.7
ENE	.7	.5										1.2	3.8
E	.3	.7	.3									1.5	4.8
ESE	.3	1.1	1.6	.3								3.2	6.9
SE	1.2	2.3	3.1	2.6	.9	.1						12.2	9.4
SSE	.9	.7	2.5	2.2	.1							7.4	8.8
S	.5	1.5	2.3	.7	.1							5.1	7.4
SSW	1.1	1.3	.9	.1								3.5	5.2
SW	1.0	3.5	1.6	.1								6.9	5.1
WSW	1.7	1.9	.9									4.6	4.6
W	.5	2.3	1.9	.1								4.8	6.0
WNW	.5	1.7	2.2	.4	.3							5.4	7.2
NW	.8	4.4	5.5	2.4	.1	.1						13.4	7.9
NNW	.4	2.4	2.8	.4	.1							6.6	7.2
VARBL													
CALM												16.4	
	13.4	28.0	30.8	9.4	1.7	.3						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR EATER SERVICE/AC

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

SURFACE WINDS

25247

WILLIAMS LAKE B C DDT APT

61-66

44

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1200-1400

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.0	3.9	.4	.1							7.7	6.9
NNE	.3	.8	1.1	.1	.1							2.7	6.9
NE	.4	.5	1.3									2.3	6.5
ENE	.3	.3	.1	.1								.8	6.0
E	.8	.4	.8	.1								2.2	6.1
ESE	.4	.5	1.9	.5								3.4	8.2
SE	.5	2.8	4.3	3.9	.5	.1						12.2	9.5
SSE	.3	1.5	2.7	1.3	.1	.1						6.0	8.8
S	1.0	1.6	2.2	.9	.4							6.7	7.3
SSW	.3	.8	1.2	.5								2.8	7.6
SW	1.3	1.5	2.3	.4								5.3	6.3
WSW	1.3	2.4	1.3	.1								5.2	5.5
W	.3	2.8	3.0	.5								6.9	7.0
WNW	.7	2.3	1.9	.4	.1							5.4	6.8
NW	.4	2.7	7.0	3.0	.1							13.7	8.7
NNW	.8	1.5	4.0	.8	.1							7.3	7.7
VARBL													
CALM												9.3	
	12.1	24.3	39.0	12.2	1.7	.3						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C DUT APT 61-60 YEARS MONTH DAY
1500-1700
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	.5	1.6	2.6	1.1	.1							5.9	8.3
NNE	.4	.9	1.2	.3	.1							3.0	7.0
NE	.1	1.9	.7	.4	.1							3.2	7.1
ENE	.5	1.2	.5	.5								2.8	7.0
E	.7	.8	.8		.1							2.4	6.4
ESE	.4	1.3	.9	1.6	.1							4.4	8.8
SE	.7	1.9	3.5	1.9	.4							10.3	8.6
SSE	1.5	.9	2.6	1.2	.3							6.5	8.0
S	.4	.5	2.3	.1	.3	.1	.1					3.9	10.0
SSW	.1	1.1	1.2	.4	.1							3.0	7.5
SW	.8	1.7	.8	.5								3.9	6.2
WSW	.5	1.1	1.5	.3	.1							3.5	7.1
W	1.1	3.4	3.1	.5		.1						8.2	6.7
WNW	.4	2.2	.7	.3	.1							3.6	6.2
NW	1.9	3.1	3.1	2.3	.3							12.6	8.0
NNW	1.2	1.9	4.4	1.6	.4							9.5	7.9
VARBL													
CALM												13.2	
	11.3	25.5	33.9	13.0	2.7	.3	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247 STATION WILLIAMS LAKE H C COY APT 01-00 YEARS MAY
STATION NAME CLASS 1800-2000
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.8	1.3	.6	.1							6.6	6.5
NNE	.8	1.3	1.6	.1								3.9	5.9
NE	1.7	.9	.5	.1								3.4	4.9
ENE	.4	.7	1.9	.1	.1							3.8	7.2
E	1.1	2.0	.8	.3	.1							4.3	5.8
ESE	.2	1.3	1.2	.4								3.2	7.2
SE	1.2	3.2	4.8	1.5	.3							11.0	7.6
SSE	.8	.8	1.2	.5		.4						3.8	8.5
S	.8	1.2	2.0	.4								4.4	7.0
SSW	.8	.8	1.6	.1								3.4	6.6
SW	.7	1.2	.8									2.7	5.3
WSW	1.1	1.6	.7	.3								3.6	5.3
W	.4	1.3	1.6	.1								4.2	6.1
WNW	.4	1.1	1.1	.3								3.4	6.0
NW	1.0	3.1	3.6	1.6	.1							10.1	7.2
NNW	1.0	2.8	3.5	1.5								9.4	7.0
VARBL													
CALM												19.0	
	16.5	26.5	28.4	8.2	.8	.4						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C DUT APT 61-68 YEARS MONTH MAY
STATION NAME CLASS ALL WEATHER HOURS 2100-2300
(L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 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	3.0	1.6	.3								7.0	5.1
NNE	.7	.7	.3									1.6	4.8
NE	.7	.7	.1									1.5	4.1
ENE	.8	.4	.5									1.7	4.8
E	.4	.5	.5	.4								1.9	7.8
ESE	.7	.7	.3	.1	.1							1.9	6.3
SE	2.6	3.4	3.4	1.1	.3							10.6	6.7
SSE	1.2	1.1	1.5	.4	.4							4.6	7.1
S	1.1	1.9	.8									3.8	4.9
SSW	1.1		.5									1.6	4.5
SW	1.7	1.2	.5									3.5	4.3
WSW	1.1	.4	.5									2.0	4.4
W	1.5	2.2	.7	.3								4.4	5.0
WNW	.6	.8	.9	.1								2.7	5.7
NW	2.3	2.7	2.2	.7		.1						7.9	6.1
NNW	2.3	3.4	2.4	.1								8.2	5.5
VARBL													
CALM												35.1	
	20.8	22.8	16.8	3.5	.6	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247
STATIONWILLIAMS LAKE R C BDT APT
STATION NAME61-68
YEARSJUN
MONTHALL WEATHER
CLASS0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.1	1.9		.1							5.8	5.5
NNE	.9	.4										.7	3.8
NE	.7	.1										.8	3.0
ENE	.4											.3	2.5
E	.1	.1										.3	4.0
ESE	.3	1.4	.3	.3								2.2	6.1
SE	2.9	3.5	3.2	.4								10.0	5.6
SSE	2.1	1.1	.7									3.9	4.3
S	.4	.7	.1									1.2	4.8
SSW	.1											.8	3.0
SW	1.9	.7	.4									3.1	3.8
WSW	1.5	.8	.4									2.8	4.3
W	2.2	.8	.6									3.6	4.2
WNW	1.4	1.5	.7	.1								3.6	5.0
NW	1.4	1.7	2.8	.8								7.2	6.9
NNW	2.2	2.9	1.7	.1	.3							7.5	5.8
VARBL													
CALM												46.1	
	20.7	17.9	12.8	2.1	.4							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
 FTAL/USAF
 AIR WEATHER SERVICE/AC

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

SURFACE WINDS

STATION 25247 STATION NAME WILLIAMS LAKE B C OUT APT YEARS 61-68 MONTH JUNE
 CLASS ALL WEATHER HOURS 0300-0500
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.1	.6									3.4	4.3
NNE	.7											.7	2.6
NE	.7	.3										1.1	3.4
ENE	.3	.1										.4	3.7
E	.3	.1										.4	3.3
ESE	.4	.8	.1									1.4	4.7
SE	1.4	4.2	4.2	.6								10.8	6.4
SSE	1.2	2.1	.6									3.9	4.4
S	1.1	.8										1.7	3.4
SSW	.3	.4	.1									.8	4.8
SW	1.1	.4										1.5	3.1
WSW	2.1	.4	.3									2.8	3.6
W	1.1	.4										1.5	3.1
WNW	1.4	1.0	.6									2.9	4.7
NW	2.4	3.2	3.2	1.0	.3	.1						10.1	6.7
NNW	2.1	2.4	2.2									6.7	5.6
VARBL													
CALM												49.6	
	19.4	17.5	11.8	1.5	.3	.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C DDT APT 61-66 YEARS MONTH JUNE
CLASS ALL WEATHER HOURS 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	1.4	1.9	1.7	.1								6.1	5.7
NNE	.4	.4	.1									1.0	4.1
NE	.4	.3										.7	3.4
ENE	.3											.3	2.5
E		.1	.3									.4	7.0
ESE	1.1	.7	.6	.3								2.6	5.4
SE	1.7	4.7	5.0	1.7	.1							13.2	7.1
SSE	.6	1.9	2.2	1.0	.1							5.8	7.7
S	.4	1.9	.1									2.9	4.1
SSW	1.4	.6	.1									2.6	3.4
SW	3.2	1.1	.6									4.9	3.7
WSW	2.2	1.0	.1									3.3	3.5
W	1.1	1.2	.4									2.8	4.6
WNW	.7	1.2	.6	.1								2.6	5.8
NW	2.1	3.6	5.3	.6	.4	.1						12.1	7.3
NNW	2.9	4.6	3.7	.6	.1							11.9	5.9
VARBL													
CALM												27.6	
	20.8	25.4	20.8	4.3	.8	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR EATER SERVICE/MAC

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

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C DUT APT 61-60 YEARS NORTH 0900-1100
 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	1.0	1.9	1.5	.0								5.0	6.3
NNE	.8	.8	.6									2.2	4.7
NE	.6	.6	.3	.1								1.5	5.5
ENE	.3	.1										.4	3.0
E	1.0	.1	.3									1.4	4.1
ESE	.4	.8	1.5	.3								3.1	7.0
SE	1.4	2.4	3.7	3.6	.4							11.5	8.8
SSE	1.4	1.8	1.4	1.4	.3							6.2	7.6
S	1.2	1.7	1.5									4.4	5.5
SSW	1.2	1.2	1.0									3.5	4.8
SW	1.4	2.9	1.4	.1								5.2	5.3
WSW	1.2	2.2	.7									4.2	4.9
W	2.2	2.1	1.4	.1								5.8	5.1
WNW	.3	1.4	1.9	.6	.1							4.3	7.8
NW	1.7	3.9	3.0	2.2	.8							13.9	8.0
NNW	1.7	3.2	3.2	.6								8.6	6.4
VARBL													
CALM												14.1	
	18.1	27.2	25.4	9.6	1.7							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
 USAF/USAF
 AIRCRAFT SERVICE/MAC

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

SURFACE WINDS

25247 WILLIAMS LAKE AFB MILIT APT 61-68 JUN
 STATION NAME YEARS
 ALL HEAT RPT
 CLASS
 1270-1400
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.5	1.8	.4	.6							5.4	7.1
NNE	.5	.7	1.0	.1								2.4	6.1
NE	.5	1.0	1.0	.1								2.9	5.6
ENE	.5	1.5	.3									2.4	4.6
E	.5	.8	.3									1.9	4.4
ESE	.5	.8	1.4	.6	.1							3.3	7.7
SE	1.5	3.1	4.6	3.1	.6							12.5	8.5
SSE	.5	1.3	1.5	1.3	.1	.1						5.1	8.8
S	1.5	2.9	1.8	.3								6.8	5.6
SSW	1.5	.7	1.4	.6								3.6	6.8
SW	2.4	2.1	1.7	.1								6.3	5.0
WSW	.5	1.4	1.1									3.3	5.3
W	1.1	2.5	1.5	.1	.1							5.4	5.9
WNW	.5	2.5	2.6	.3	.4							6.4	7.4
NW	1.7	2.6	5.8	2.5	.6	.3						13.5	8.6
NNW	1.5	2.6	2.9	1.6								8.6	7.6
VARBL													
CALM												10.0	
	17.1	28.1	30.7	11.3	2.4	.4						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

719

2

DATA PROCESSING DIVISION
 FTAC/USA
 AIR WEATHER SERVICE/AC

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

SURFACE WINDS

STATION 25247 WILLIAMS LAKE H C DUT APT 61-64 YEARS JUN MONTH
 CLASS ALL WEATHER 1500-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	2.9	1.1	.4							6.9	8.2
NNE	1.0	1.1	1.1	.1	.1							3.5	5.9
NE	.6	2.1	1.5	.3								4.7	6.0
ENE	.6	.7	.8									1.9	5.1
E	1.4	1.7	.7	.1								3.7	5.7
ESE	.6	1.2	.6	.7								3.1	7.2
SE	.6	1.7	2.8	2.4	.3							7.7	9.6
SSE	.4	1.0	1.5	1.0	.1							4.7	7.4
S	1.4	1.2	1.5	.6								4.6	6.3
SSW	1.0	1.7	1.4	.4								4.4	6.3
SW	1.0	2.1	1.4	.4	.3							6.7	6.7
WSW	1.1	.7	1.9	.3								4.4	6.3
W	1.0	1.8	1.4	1.2								6.2	6.7
WNW	1.0	2.2	1.2	1.0		.4						5.8	8.2
NW	1.4	1.9	3.2	2.4	.4	.3	.1					9.7	9.2
NNW	1.0	3.5	3.5	1.5	.6	.1						10.0	8.0
VARBL													
CALM												13.3	
	16.1	26.5	27.5	13.5	2.1	.8	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 25247 STATION NAME WILLIAMS LAKE B C DUT APT YEARS 61-65 MONTH JUL
 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	1.4	3.1	2.6	.4	.1							7.6	6.4
NNE	1.4	1.5	1.2	.1								4.3	5.2
NE	.5	2.8	1.0	.1								4.7	5.2
ENE	1.5	1.5	1.0									4.0	4.8
E	.0	1.9	1.0	.1								3.6	5.5
ESE	.4	.7	1.2									2.4	5.9
SE	1.4	2.6	3.7	.6								8.6	6.6
SSE	1.1	1.1	1.4	.4								4.0	6.1
S	.4	1.5	1.5	.1								3.6	6.5
SSW	.5		.3	.3								.8	7.7
SW	1.7	.8	1.0	.1								3.6	4.9
WSW	.5	1.2	.7	.1								2.4	5.8
W	1.1	1.2	2.8	.7								5.8	7.0
WNW	.7	1.2	.8	.6	.1							3.5	7.1
NW	1.7	2.5	2.4	1.7		.1						8.3	7.5
NNW	1.1	3.2	3.6	1.7	.4	.1						10.1	8.3
VARBL													
CALM												22.5	
	12.0	27.1	26.2	7.4	.7	.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C OUT APT 61-60 YEARS JUN MONTH
 2100-2300 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	1.2	2.2	1.9	.3								5.7	5.8
NNE	.6	.2	.1	.1								1.1	5.1
NE	.7		.3									1.0	4.4
ENE	1.1	.7										1.8	3.4
E	.6	1.0	.7									2.3	4.9
ESE	1.2	.6	.7	.3								3.1	5.5
SE	2.3	4.0	3.2									9.7	5.5
SSE	1.2	1.8	.1									2.9	4.2
S	1.7	.8	.1									2.6	3.7
SSW	.2	.4	.4									1.1	5.3
SW	2.6	1.5	.1									4.3	3.4
WSW	.7	1.0	.1									1.8	4.1
W	1.1	1.5	1.4	.3								4.3	5.7
WNW	1.9	.8	1.1	.3								4.2	5.4
NW	1.6	2.5	3.2	.6								7.6	6.5
NNW	1.6	3.7	3.2	.6	.1							9.4	6.2
VARBL													
CALM												36.8	
	21.0	22.9	16.8	2.4	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/PAC

SURFACE WINDS

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

25247 STATION 25247 WILLIAMS LAKE D C OUT APT 61-68 YEARS 0000-0200
 STATION NAME 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	2.6	2.7	1.9	.1								7.4	4.9
NNE	.4	.3										.7	3.6
NE		.4										.4	4.7
ENE	.3											.3	2.5
E	.3	.3	.3									.8	5.2
ESE	.9	.5	.5	.1								2.2	5.1
SE	2.0	4.0	2.6	.5								9.1	5.9
SSE	.1	1.1	.8	.1								3.0	5.6
S	.4	.9	.5									2.4	4.7
SSW		.5	.1									.7	5.6
SW	2.3	.1										2.4	2.6
WSW	2.5	.7	.1									2.8	3.6
W	1.2	1.3	.1									2.7	4.0
WNW	.5	.8	.3	.1								1.7	4.9
NW	.1	1.6	1.1	.1								3.6	5.5
NNW	1.1	4.0	2.3	.9	.1							9.1	6.2
VARBL													
CALM												50.7	
	16.9	19.5	10.6	2.2	.1							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247
STATIONWILLIAMS LAKE B C DUT APT
STATION NAME61-68
YEARSJUL
MONTHALL WEATHER
CLASS0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.7	.8	.1								4.3	4.8
NNE	.5	.1	.1									.2	4.3
NE	.5	.4										.7	3.6
ENE	.5											.3	3.0
E	.5		.1									.4	4.7
ESE	.4	.9	.5	.1								2.6	5.1
SE	2.3	4.8	1.9	.5								9.5	5.3
SSE	.6	1.1	.7	.1								2.7	5.6
S	.1	1.1										1.7	3.7
SSW	.5	.1										.7	3.2
SW	.4	.1	.3									1.3	3.8
WSW	1.5	.7	.1									2.3	3.3
W	1.3	1.1	.3									2.7	4.1
WNW	.8	.8	.1	.1								1.9	4.4
NW	1.7	1.9	.9									4.6	4.8
NNW	1.7	3.2	2.3	.4								7.7	5.8
VARBL													
CALM												55.9	
	16.3	18.1	8.2	1.5								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
 ETAC/USA
 AIR WEATHER SERVICE/AC

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

SURFACE WINDS

25247
 STATION

WILLIAMS LAKE H C UNIT APT
 STATION NAME

61-64
 YEARS

JUL
 MONTH

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.2	1.5	.1								4.8	5.6
NNE	.5	.3										.8	3.5
NE	.3	.1										.4	3.7
ENE													
E	.7	.1										.0	3.2
ESE	.0	.4	.4	.1								1.7	5.8
SE	3.0	3.8	4.7	.4								12.5	5.8
SSE	.4	1.9	1.2	.3								4.3	5.9
S	2.0	.3	.4									3.0	3.8
SSW	1.4	.1	.5									2.6	3.9
SW	2.7	2.2	.4									5.2	3.7
WSW	1.4	.8	.1									2.8	3.5
W	2.3	.8	.3									3.4	3.5
WNW	.0	.4	.3									1.5	4.3
NW	2.0	2.7	3.1	.7								9.0	6.1
NNW	2.0	3.8	1.9									8.2	5.0
VARBL													
CALM												39.0	
	24.6	20.0	14.8	1.6								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

25247
STATION

WILLIAMS LAKE B C OUT APT
STATION NAME

61-68
YEARS

JUL
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.4	1.2	.1								4.8	5.4
NNE	.9	.4	.7									2.0	5.3
NE	.8	.7	.4	.1								2.0	5.1
ENE		.4										.4	4.7
E	.4	.7	.4	.1								1.6	5.5
ESE	1.2	.7	.9	.1								3.0	5.6
SE	1.3	3.4	7.3	1.2	.1	.1						13.4	7.5
SSE	.1	1.3	1.9	.5	.1							4.7	7.7
S	1.6	2.4	1.3									5.4	5.1
SSW	1.1	.5	.7									2.3	4.9
SW	2.1	2.4	.9	.1								5.8	4.7
WSW	.7	1.9	.4	.3								3.5	5.1
W	1.5	2.6	1.1	.1								5.2	5.3
WNW	.5	1.1	.9									2.6	5.9
NW	1.3	4.7	4.0	.5	.1							10.8	6.4
NNW	1.5	3.2	1.7	.5								7.0	6.0
VARBL													
CALM												25.5	
	17.3	28.8	23.9	3.9	.4	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

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

SURFACE WINDS

25247 WILLIAMS LAKE B C DUT APT 61-68 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1200-1400
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.3	2.4	.4	.1							6.2	6.8
NNE	.9	1.2	1.1	.1	.1							3.5	6.2
NE	.4	.7	.9	.1								2.2	6.1
ENE	.5	.7										.9	4.7
E	.5	.3	.4									1.2	5.2
ESE	1.1	1.1	1.7	.9								4.8	7.3
SE	1.2	2.7	5.0	2.0	.1	.3						11.3	8.4
SSE	.3	1.5	3.2	.9		.1						6.0	8.4
S	2.0	2.7	2.3	.1	.1							7.3	5.7
SSW	1.8	1.7	.8	.4								4.3	5.5
SW	1.1	2.3	1.3	.3								5.0	5.6
WSW	.9	1.5	.7	.9								3.4	7.4
W	1.2	2.0	1.6	.3								5.1	6.1
WNW	.9	1.7	1.2	.3		.1						3.9	6.8
NW	1.1	2.6	4.7	.4	.1							8.9	6.8
NNW	1.5	3.2	3.4	.9	.1							9.1	7.1
VARBL													
CALM												16.9	
	14.7	28.1	30.8	8.2	.8	.5						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247
 STATION

WILLIAMS LAKE A C OUT APT
 STATION NAME

61-68
 YEARS

JUL
 MONTH

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.6	2.3	.8	.1							8.1	6.5
NNE	1.2	.7	.7	.4								3.2	5.7
NE	1.2	1.6	.7									3.5	4.9
ENE	.9	.7	1.2	.4								3.2	6.8
E	.3	1.1	.9	.1								2.4	6.4
ESE	.3	1.2	1.2	.5								3.2	7.3
SE	1.6	2.4	2.4	2.0	.1							8.6	7.5
SSE	1.1	.8	1.9	.9		.1						4.8	7.6
S	1.1	1.1	2.8	.1								5.1	6.6
SSW	1.1	.9	1.5	.4								3.9	6.7
SW	1.2	1.7	2.0	.7		.3						5.9	7.3
WSW	.9	1.1	1.7	.4								4.2	6.7
W	1.6	1.9	2.0	.3								5.8	6.0
WNW	1.2	1.3	1.1	.1								3.8	5.5
NW	1.2	3.0	3.0	.4	.1							7.7	6.5
NNW	1.3	2.6	3.0	1.3								8.7	7.3
VARBL													
CALM												18.4	
	18.8	24.6	28.4	9.0	.4	.4						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/FTAC

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

SURFACE WINDS

25247 WILLIAMS LAKE B C DDT APT 61-65 JUL
 STATION NAME YEARS MONTH
 ALL WEATHER CLASS 1800-2000
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.0	3.6	.8								9.3	6.5
NNE	1.1	1.6	1.3									4.0	5.3
NE	1.5	.9	.7									3.1	4.7
ENE	.8	1.1	.3	.1								2.3	4.8
E	1.7	3.1	.8	.3								5.9	5.0
ESE	.7	.7	1.2	.1								2.7	6.6
SE	1.2	2.8	2.7	.4								7.1	6.3
SSE	.9	1.2	1.9	.1	.1							4.3	6.1
S	2.7	1.1	.8	.1	.1							4.8	4.9
SSW	1.4	1.3	.5	.3	.1							3.5	5.7
SW	1.7	.9	.7	.4								3.8	5.2
WSW	.8	1.3	.4		.3							2.8	6.0
W	.9	1.5	.8		.1							3.4	5.7
WNW	.6	1.1	1.1	.3								3.2	6.3
NW	2.2	3.1	2.3	.3								7.8	5.6
NNW	1.6	3.2	3.2	.4	.1							8.6	6.3
VARBL													
CALM												23.4	
	21.8	28.0	22.3	3.9	.9							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C OUT APT 61-68 YEARS JUL MONTH
2100-2300 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	3.5	3.6	2.0	.1								2.3	5.0
NNE	.8	.7	.3									1.7	4.6
NE	.4	.8	.5									2.3	4.6
ENE	.4	.7	.4									1.5	5.1
E	.7	1.3	.9									3.0	5.3
ESE	.4	.9	.8									2.7	5.2
SE	2.7	3.5	2.7	.1								9.0	5.4
SSE	1.1	1.1	.8	.1								3.1	5.1
S	.5	.9	.8									2.3	5.5
SSW	.4	.7										1.1	3.8
SW	1.5	1.3	.4									3.1	4.2
WSW	1.7	.5	.7	.3	.1							3.4	5.4
W	1.2	1.5	.4	.1								3.2	4.8
WNW	.7	1.5	.1									2.3	4.0
NW	2.5	2.3	.9	.1								5.4	4.7
NNW	1.7	2.4	3.1	.7								7.9	6.3
VARBL													
CALM												38.8	
	20.7	23.8	14.9	1.6	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247
STATION

WILLIAMS LAKE B C OUT APT
STATION NAME

61-66
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.8	2.3	.4		.1							6.4	4.0
NNE	1.2											1.2	2.6
NE	.1		.1									.3	5.0
ENE	.4											.4	2.7
E	.3	.1	.1									.5	4.5
ESE	1.3	1.2	.1									2.7	3.7
SE	2.4	2.8	2.2	.3								7.9	5.5
SSE	2.1	1.3	1.3									4.7	4.9
S	1.3	.3	.3									2.0	3.6
SSW	.3	.3										1.1	3.6
SW	.0	.3										1.1	2.9
WSW	2.2	.4		.1								2.7	3.4
W	1.2	.4										1.6	3.2
WNW	.4	.8	.1									1.9	4.0
NW	1.2	2.2	1.1									4.4	5.0
NNW	1.3	4.7	1.2									7.3	4.8
VARBL													
CALM												53.6	
	21.2	17.3	7.0	.7	.1							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C OUT APT 61-68 YEARS AUG MONTH 0300-0500 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	1.0	1.2	.1									3.2	3.9
NNE	.1	.1										.3	3.5
NE	.3											.3	3.0
ENE	.2	.1	.1									.5	4.8
E	.3	.3										.5	3.5
ESE	.0	.1	.1									1.1	3.6
SE	2.8	4.7	3.9									11.2	5.5
SSE	1.5	2.3	.7	.1								4.6	4.7
S	1.2	.4	.1									1.9	3.5
SSW	.3											.3	2.2
SW	.0	.9										1.7	3.7
WSW	1.5	.5	.1									2.2	3.6
W	1.7	.5	.1									2.4	3.3
WNW	1.1	.3										1.3	3.3
NW	1.2	1.1	.5									2.8	4.4
NNW	1.2	1.1	.3									2.7	3.9
VARB:													
CALM												62.5	
	17.6	14.0	6.2	.1								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAG

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

SURFACE WINDS

25247 WILLIAMS LAKE F C OUT APT 61-68 306
STATION NAME 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	1.1	.3									2.7	4.5
NNE	.3											.3	3.0
NE	.1	.1										.3	3.5
ENE	.1											.1	3.0
E	.7											.7	3.0
ESE	.7	.5	.8									.0	3.0
SE	3.6	5.1	3.5	.1								12.4	5.3
SSE	1.2	1.1	1.3	.3								4.6	5.4
S	1.3	.9	.4									2.7	4.3
SSW	2.4	.9										3.4	2.9
SW	2.6	.8										3.2	3.1
WSW	1.2	.1	.1									1.5	3.5
W	1.5	.5	.4									2.4	4.0
WNW	.5	1.1	.1									2.0	4.3
NW	1.7	1.5	1.7									5.0	5.2
NNW	1.5	3.1	1.1	.1								5.8	4.8
VARBL													
CALM												51.5	
	21.6	16.9	9.8	.5								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 744

AD-A100 244

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
WILLIAMS LAKE APT, BRITISH COLUMBIA, CANADA, REVISED UNIFORM SU--ETC
OCT 71

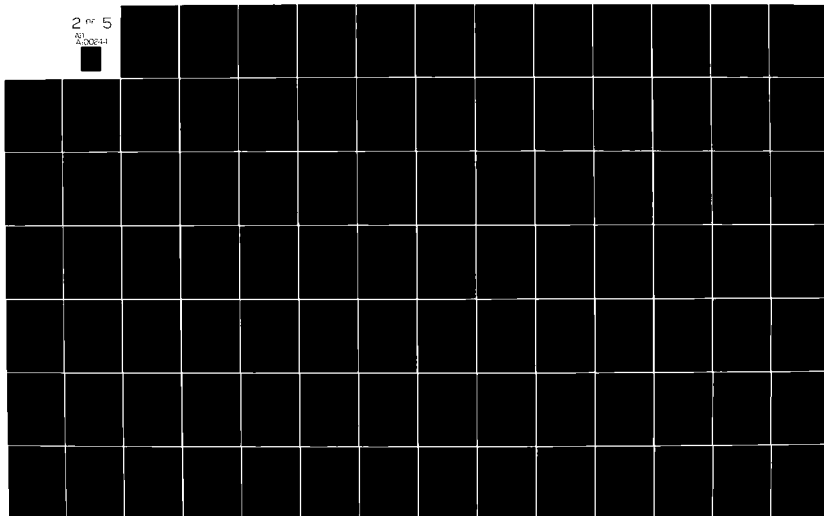
UNCLASSIFIED USAFETAC/DS-81/039

SBIE-AD-E850 066

NL

2 of 5

AD-A100 244



2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/RAC

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

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C OUT APT 61-68 YEARS AUG MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.3	.7	.1								4.0	5.1
NNE	.5	.4										.7	4.2
NE	.5	.7	.1									1.3	4.0
ENE	.5											.5	2.5
E	.5	.7	.1									1.3	4.1
ESE	.5	1.1	.7	.1								2.7	5.4
SE	2.6	5.0	5.5	1.1								14.1	6.3
SSE	1.5	2.6	1.6	.4								6.0	5.8
S	2.4	2.3	.4	.1								5.2	4.3
SSW	2.4	1.6	.3									4.3	3.7
SW	2.0	2.7	.5									5.8	4.0
WSW	2.0	1.1	.4									3.5	3.7
W	2.0	1.3	.8	.1								4.3	4.6
WNW	.5	.5	.7									2.2	5.1
NW	1.1	4.3	3.4									8.7	5.8
NNW	2.0	3.2	2.7									7.9	5.5
VARBL													
CALM												27.3	
	23.1	29.7	17.9	2.0								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C DUT APT 61-68 YEARS ALL WEATHER MONTH 1200-1400
STATION NAME CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.0	1.2									4.6	4.2
NNE	1.1	1.2	.5									2.8	4.8
NE	.7	1.1	.1									1.9	4.1
ENE	.5	.5	.3									1.6	4.2
E	1.3	1.1	.1	.1								2.7	4.2
ESE	.4	1.2	1.3	.5								4.0	6.6
SE	2.3	4.7	3.8	1.7	.1							12.6	6.9
SSE	1.3	1.3	1.7	.5								5.1	6.1
S	2.4	2.0	1.5	.1								6.0	4.9
SSW	1.2	1.1	.8									3.1	5.0
SW	2.4	2.2	1.3									5.9	4.7
WSW	.1	1.9	.9									3.8	3.4
W	.4	2.3	1.1									4.3	5.4
WNW	1.1	.4	1.1	.1								3.9	5.0
NW	.1	3.8	3.9	.4								8.7	4.7
NNW	.4	2.6	3.9	.4		.1						7.4	7.2
VARBL													
CALM												21.5	
	20.7	29.8	23.7	4.0	.1	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
 LTAC/USAF
 AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

25247

WILLIAMS LAKE B C COT APT

61-68

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.6	3.0	.2								7.4	6.3
NNE	1.1	1.6	.9									3.6	4.9
NE	1.0	1.1	1.5									4.2	5.4
ENE	.0	1.2	.4									2.4	4.3
E	1.5	1.9	.7	.1								4.2	4.8
ESE	1.1	2.3	1.9	.3								5.5	5.9
SE	2.6	3.5	4.0	1.3								11.4	6.7
SSE	1.3	2.0	1.7									5.1	5.8
S	.4	1.3	1.3									3.6	5.5
SSW	1.3	.8	.7									2.8	4.5
SW	.6	1.2	.5									2.6	4.6
WSW	.4	1.1	.4	.1								2.0	5.5
W	1.4	1.6	1.1	.1								4.7	5.1
WNW	.0	1.4	1.1	.3	.1							4.2	6.2
NW	1.0	2.7	3.9	1.5	.1	.1						9.9	7.5
NNW	1.3	3.2	3.2	.8								8.6	6.5
VARBL													
CALM												17.7	
	20.4	30.0	26.3	5.1	.3	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

22247
STATION

WILLIAMS LAKE B C OUT APT
STATION NAME

61-68
YEARS

006
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	4.6	1.5	.4								9.7	4.9
NNE	1.9	1.5	.1									3.5	3.8
NE	2.7	2.2	.9	.1								5.9	4.4
ENE	2.4	1.2	.3									3.9	3.7
E	2.0	3.0	1.2	.4								7.1	5.0
ESE	.8	1.5	1.6									3.9	5.8
SE	2.4	3.8	3.0	.7								9.8	6.0
SSE	.9	1.6	.3	.1								2.3	5.1
S	2.2	.5	.1									3.0	3.5
SSW	.1	.3										.4	4.0
SW	.7	.3	.1	.1								1.2	5.0
WSW	.3	.8	.1	.3								2.0	5.3
W	1.1	.8	.4	.1								2.4	4.8
WNW	1.5	.7	1.1									3.2	4.9
NW	1.2	3.9	2.0	.3	.1							7.3	6.0
NNW	2.0	1.9	1.5	.3								5.6	5.5
VARBL													
CALM												28.8	
	25.9	28.1	14.2	2.8	.1							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

746

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C DUT APT 61-65 YEARS
AUG MONTH
2100-2300 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	3.1	4.3	1.9									9.3	4.8
NNE	1.5	.5	.1	.1								2.3	4.1
NE	.9	.5										1.5	3.3
ENE	1.1	.3										1.3	3.2
E	.8	1.2	.4									2.4	4.6
ESE	2.0	1.2	.5									3.7	4.3
SE	2.8	4.7	2.6	.3								10.3	5.5
SSE	.8	2.0	1.1	.3								4.2	6.0
S	.8	1.3	.7									2.8	4.7
SSW	.7	.1										.8	3.0
SW	1.1	.5	.1									1.7	3.8
WSW	.6	.5	.1									1.5	4.0
W	1.5	.9	.1									2.6	3.9
WNW	.8	.9	.3									2.0	4.1
NW	1.1	1.5	1.9									4.4	5.8
NNW	2.5	3.9	2.0	.3								8.5	5.3
VARBL													
CALM												40.6	
	22.0	24.6	11.8	.9								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
 LTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247	WILLIAMS LAKE D. C. GUT APT	61-66	SFP
STATION	STATION NAME	YEARS	NORTH
ALL WEATHER			0000-0700
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.4	.6									3.3	4.4
NNE	.1											.1	3.0
NE		.3										.3	4.5
ENE	.1	.1										.3	3.5
E	.4	.1										.6	3.0
ESE	.4	.8	.1	.1								1.9	4.8
SE	2.5	6.7	6.7	1.0								16.8	6.0
SSE	1.3	1.8	1.7	.7	.1							5.8	6.7
S	.4	.3	.3									1.0	4.9
SSW	.7											.7	3.0
SW	.4	.3										.7	3.4
WSW	.4	.1										.6	3.0
W	1.1	.4	.3	.3								2.1	5.4
WNW	1.7	.8	.4	.3								3.2	4.8
NW	1.9	2.5	2.2	.6	.1							7.4	6.2
NNW	1.5	3.1	1.8	.1								6.5	5.5
VARBL													
CALM												48.7	
	13.1	18.7	14.0	3.1	.3							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247
 STATION

WILLIAMS LAKE B C DUT APT
 STATION NAME

61-68
 YEARS

SEP
 MONTH

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.8	.6	.1								2.5	4.9
NNE	.2	.1										.4	3.0
NE	.1											.1	2.0
ENE													
E	.2											.3	3.0
ESE	1.0	.4	.6									1.9	4.5
SE	5.0	8.5	4.9	.7								19.0	5.3
SSE	1.5	3.2	1.1	1.0								6.8	6.3
S	1.4	.2										1.7	3.0
SSW	.1											.1	3.0
SW	.4	.1										.6	3.8
WSW	.4	.4	.1									1.0	4.1
W	.0	.2	.1	.3								1.2	6.2
WNW	.4	.0	.4	.1								1.5	6.4
NW	1.0	2.5	2.2	1.1	.1							7.8	6.8
NNW	1.1	1.1	1.0		.1							3.3	5.7
VARBL													
CALM												51.5	
	15.0	14.3	11.0	3.3	.2							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/NAO

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

SURFACE WINDS

25247 STATION NAME WILLIAMS LAKE B C OUT APT 61-68 YEARS SEP
MONTH
0600-0800
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	1.0	.0	.3									1.8	4.2
NNE	.4	.1										.6	3.5
NE	.1											.1	2.0
ENE	.1											.1	3.0
E	.1	.1										.3	4.5
ESE	1.4	.7	.6	.1								2.8	4.5
SE	5.0	10.0	6.5	.7		.1						23.2	5.6
SSE	2.2	2.9	2.1	1.1	.4							8.7	6.9
S	2.1	.3										2.4	2.9
SSW	.5											.8	2.0
SW	.7	.0										1.2	3.6
WSW	.7	.1										.8	2.7
W	.4	1.0		.1								1.5	4.4
WNW	.7	.0	.7	.1								2.1	5.9
NW	1.4	2.4	2.2	1.4	.1							7.5	7.3
NNW	1.7	2.2	1.4	.7								6.0	6.0
VARBL													
CALM												40.0	
	19.7	21.2	13.7	4.3	.0	.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
 FTAG/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247
 STATION

WILLIAMS LAKE B C DUT APT
 STATION NAME

61-60
 YEARS

SEP
 MONTH

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.7	.6	.3								2.6	5.3
NNE	.4	.4	.1									.5	4.0
NE	.5	.1										.4	3.7
ENE	.1											.1	2.0
E	.3											.3	3.0
ESE	1.0	1.2	.7									2.9	5.2
SE	3.7	8.1	8.6	3.7	.1							24.3	7.1
SSE	1.5	4.6	3.5	1.7	.3							11.5	7.1
S	1.4	2.5	.8									4.7	4.6
SSW	1.8	.3										2.1	2.9
SW	1.2	.7										2.2	3.3
WSW	1.1	.4		.1								1.7	3.8
W	.6	.8	.4									1.8	4.2
WNW	.6	1.1	1.5	.1								3.6	6.4
NW	1.1	3.3	4.9	1.8	.3							11.4	7.9
NNW	1.7	2.8	2.4	1.0								7.8	6.3
VARBL													
CALM												21.7	
	18.2	26.9	23.5	8.7	.7							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ETAC

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

SURFACE WINDS

25247 WILLIAMS LAKE B C OUT APT 61-68 SEP
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.7	2.2	.3		.1						5.0	7.0
NNE	1.1	.8	.0									2.5	4.8
NE	.4	.6										1.0	3.6
ENE	.3	.1										.4	3.7
E	.6	1.1	.7									2.4	5.4
ESE	.6	1.4	1.7	.1								3.7	6.4
SE	2.0	4.9	9.0	3.6	.1							20.8	7.8
SSE	1.0	2.1	3.2	1.4	.1							8.2	8.0
S	2.4	1.8	1.2	.6	.1							6.1	5.6
SSW	1.0	1.0	.3									2.2	4.6
SW	1.5	.8	.6	.1								3.3	4.7
WSW	.7	1.4	.7									2.8	5.0
W	.6	1.5	1.7	.1								3.9	6.4
WNW	.5	1.8	1.2	.3								4.2	6.0
NW	.5	2.4	4.3	1.1	.1							8.7	8.0
NNW	1.0	3.1	3.9	.6	.3							9.6	6.8
VARBL													
CALM												15.1	
	17.1	26.4	31.8	8.9	.8	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 05247 STATION NAME ILLIAMS LAKE H C OUT APT YEARS 61-64 MONTH SEP
 CLASS ALL WEATHER HOURS (LST) 1500-1700
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.4	1.1									3.1	4.4
NNE	.7	.7	1.2	.1								2.8	5.2
NE	1.3	1.0	.3									2.2	4.2
ENE	.7	.8										1.5	3.6
E	1.0	.7	.6		.1							2.4	5.6
ESE	1.1	1.5	1.2	.3								4.2	6.0
SE	1.7	5.6	5.8	2.5		.1						15.7	7.6
SSE	1.0	2.1	1.9	1.2								7.1	7.0
S	1.5	.8	1.2	.4	.3							4.7	7.5
SSW	.0	.8	1.0	.3								2.6	6.8
SW	1.4	.4	.4	.1								2.9	4.2
WSW	1.1	.4	.1	.3								1.9	4.9
W	.4	1.0	.3	.3	.1							2.1	7.0
WNW	.7	1.7	1.0	.4	.1							3.9	6.7
NW	1.0	2.5	5.4	.0								10.6	7.0
NNW	1.2	4.2	4.6	1.0	.3							11.2	7.1
VARBL													
CALM												21.1	
	17.0	22.0	26.2	8.2	1.0	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
 LTAC/USAF
 AIR EATER SERVICE/TAC

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

SURFACE WINDS

25247 STATION 25247 WILLIAMS LAKE H Q LUT APT 61-00
 STATION NAME CLASS ALL WEATHER
 YEARS MONTH SEP
 1000-2000
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.4	.4									5.0	4.2
NNE	1.4	1.0	.1	.3								2.8	4.7
NE	1.0	.4										1.4	3.5
ENE	.4	.3										.7	3.4
E	1.5	2.2	.4									4.2	4.1
ESE	1.2	1.2	.8	.4								3.7	5.7
SE	4.7	6.1	4.4	.6								15.8	5.6
SSE	1.2	2.2	1.9	.8								6.5	6.4
S	.7	1.0	.8	.3								2.8	6.2
SSW	.1			.1								.7	5.0
SW	.6	.3	.4									1.2	5.3
WSW	.6	.7	.4									1.7	4.9
W	.4	.6	.3	.1								1.4	6.0
WNW	.7	.8	.5	.1								2.3	6.2
NW	1.4	2.9	2.2	.7								7.2	6.3
NNW	2.0	4.3	1.7	.7								9.3	5.5
VARBL													
CALM												33.1	
	21.9	26.4	14.9	4.2								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR LEADER SERVICE/AC

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

SURFACE WINDS

STATION 22247 WILLIAMS LAKE B C OUT APT STATION NAME 01-00 YEARS 5FP
CLASS ALL HEATED MONTH 2100-2300
CONDITION HOUSE (L S Y)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.2	1.2									4.9	5.1
NNE	.2			.1								.4	5.3
NE	.4	.1										.4	3.3
ENE	.2											.4	2.7
E	.4	.1										.5	3.3
ESE	1.1	1.2	.4	.1								2.9	5.0
SE	2.4	0.1	5.4	.1	.1	.1						17.4	5.6
SSE	2.4	2.5	1.5	.3	.3	.1						7.1	6.2
S	.5	.7	.4									1.7	4.4
SSW	.5											.3	3.0
SW	1.4	.3										1.7	3.3
WSW	.4	.1										.4	3.0
W	.7	1.4	1.0									3.1	5.7
WNW	1.6	.7	.7	.1								2.3	5.2
NW	2.1	2.4	3.2	.7								6.3	6.3
NNW	2.0	2.6	1.5	.3								7.2	5.0
VARBL													
CALM												40.0	
	21.4	20.7	15.4	1.8	.4	.3						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 25247 STATION NAME WILLIAMS LAKE B C DUT APT YEARS 61-69 MONTH OCT
 CLASS ALL WEATHER HOURS (LST) 0000-0200
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.0	.3									1.3	5.1
NNE	.2	.3										.5	3.5
NE	.7	.3	.1									1.1	3.5
ENE	.2											.5	3.0
E	.7											.7	3.0
ESE	.1	.7	.4	.3	.1							1.6	7.6
SE	6.6	13.4	12.2	5.6	1.2	.7	.1					39.9	7.6
SSE	2.8	4.7	4.8	3.6	1.5	.5						18.0	8.8
S	1.6	.8	.4	.1								2.6	4.6
SSW	.1	.1										.3	3.0
SW	.7	.1										.8	2.8
WSW	.3											.3	3.0
W	.3	.1	.3									.7	4.6
WNW	.1	.1	.4									.7	6.6
NW	1.6	.7	.4	.1								2.4	4.8
NNW	.7	1.2	1.9	.1								3.9	6.4
VARBL													
CALM												24.5	
	16.8	23.4	21.2	9.9	2.8	1.2	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
 ITAC/USAF
 AIR WEATHER SERVICE/ITAC

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

SURFACE WINDS

25241 WILLIAMS LAKE B C DUT APT 61-68 CT
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS
 0300-0500 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.3	.1	.1								1.3	4.7
NNE	.3											.3	3.0
NE			.1									.1	7.0
ENE	.1											.1	3.0
E	.4	.3										.7	3.4
ESE	.6	.4	.1									1.3	4.2
SE	7.7	12.6	12.9	5.5	1.9	.9						41.5	7.6
SSE	3.4	5.9	3.8	4.6	1.1	.1						18.8	8.0
S	2.6	1.1	.3	.3								3.8	4.3
SSW	.4	.1										.5	2.8
SW	.7	.4										1.1	3.4
WSW	.1		.1									.3	3.0
W	.4	.4	.4									1.2	3.6
WNW	.1	.4	.4									.9	3.6
NW	1.1	.9	.3	.1								2.4	4.8
NNW	.1	.7	.9									2.3	3.9
VARBL													
CALM												23.3	
	19.1	23.5	19.5	10.9	3.0	1.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/PAC

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

SURFACE WINDS

STATION 25247 WILLIAMS LAKE H C OUT APT STATION NAME 61-68 YEARS 1 CT MONTH 0600-0800 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	.7	.1								1.7	6.6
NNE	.1											.1	3.0
NE	.1											.1	3.0
ENE	.1											.1	3.0
E													
ESE	.5	1.5	.8									2.8	5.2
SE	6.8	12.5	12.8	5.2	1.2	.9						39.2	7.8
SSE	3.6	4.7	5.0	3.8	1.2							18.3	8.0
S	2.1	1.3	1.2	.4								5.0	5.6
SSW	.4	.1										.5	3.3
SW	.2	.2										.5	3.3
WSW	.1	.4										.5	4.3
W	.7	.7	.1									1.5	4.1
WNW	.1	.2	.1									.5	4.8
NW	1.1		.2	.1								1.7	5.4
NNW	.4	1.3	.9	.1								2.8	5.9
VARBL													
CALM												24.3	
	18.2	23.5	22.2	9.8	2.7	.9						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ASAC

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

SURFACE WINDS

25247 WILLIAMS LAKE H C OUT APT 61-60 CT
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 0900-1100
CONDITION 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	.3									1.3	4.7
NNE	.2											.3	2.0
NE	.5											.5	2.5
ENE													
E	.3											.3	3.0
ESE	.2	1.9	.7	.1								3.1	5.5
SE	2.0	9.8	14.5	9.3	2.4	.8						39.7	9.3
SSE	1.7	4.2	8.3	4.0	1.2							19.5	8.9
S	2.3	1.0	1.6	.3								5.8	5.4
SSW	.7	.5										1.2	3.7
SW	1.9	.5	.3	.4								3.1	4.3
WSW	.5	.4	.1									1.1	4.0
W	.9	.8	.8									2.6	5.2
WNW	.9	.4	.7	.1								1.6	6.5
NW	.4	1.7	1.2	1.2	.1							4.7	8.1
NNW	1.3	.7	.1	.1								2.3	4.2
VARBL													
CALM												13.0	
	14.4	23.3	28.6	15.6	4.8	.8						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247 STATION WILLIAMS LAKE F.C. OUT APT 61-65 YEARS CT MONTH
 CLASS ALL WEATHER 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.7	.5	.2								1.9	4.4
NNE	.4	.1										.5	3.5
NE	.1	.1	.1									.4	4.7
ENE		.1										.1	5.0
E	.4	.2	.4									1.1	5.0
ESE	.7	.5	1.6	.1								3.0	6.6
SE	2.7	9.0	11.7	10.6	3.4	1.2	.1					38.7	10.1
SSE	.4	5.5	3.6	3.9	1.5	.5						16.0	9.5
S	2.2	1.9	1.5	.1								5.5	3.2
SSW	.5	1.3	.5	.2								2.7	6.0
SW	1.2	.8	.9									3.0	3.2
WSW	.4	1.1	.3	.3	.1							2.7	6.1
W	.4	.7	1.1	.4	.4							3.5	7.4
WNW	.7	.7	.5									1.9	5.3
NW	.8	2.2	2.6	1.2	.1							6.9	7.9
NNW	.4	.8	.7	.4	.1							2.4	7.4
VARBL													
CALM												9.2	
	13.2	25.8	26.1	17.6	5.6	1.7	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AFAC

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

SURFACE WINDS

STATION 25247 STATION NAME WILLIAMS LAKE H C OUT APT YEARS 61-68 MONTH CT
CLASS ALL WEATHER HOURS (L.E.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	.9	.5		.1							2.3	5.8
NNE	.1	.4										1.1	3.5
NE	.5	.3										1.1	3.3
ENE	.3	.1	.1									.5	4.3
E	1.1	.9	.8	.1								3.6	5.3
ESE	1.5	1.3	.8	.8								4.4	5.2
SE	4.4	7.4	10.8	7.8	2.4	.9	.1					33.6	9.3
SSE	1.7	2.7	4.2	3.2	1.3	.7						13.8	9.9
S	2.1	1.3	2.0	.3	.1							5.8	6.2
SSW	.5	.3										1.1	3.1
SW	1.5	.5	.4	.1								2.6	4.4
WSW	.4	.7	.5	.3								1.9	6.9
W	1.6	.6	1.1	.4								3.5	6.1
WNW	.4	.6	.1	.7								2.0	7.9
NW	.5	1.5	1.5	.4	.1							4.0	7.1
NNW	.7	1.5	.9	.3								3.4	6.2
VARBL													
CALM												16.0	
	18.4	21.5	23.8	14.4	4.2	1.6	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/14C

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

SURFACE WINDS

STATION 25247 STATION NAME WILLIAMS LAKE H C DWT APT YEARS 61-68 MONTH OCT
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	1.1	.4	.3								2.7	5.4
NNE		.4		.1								.4	7.0
NE	.4	.1										1.1	3.0
ENE	.2	.4										.9	3.6
E	.7	1.1	.4									2.2	4.8
ESE	1.3	1.6	1.3	.7								5.0	6.4
SE	5.4	11.8	10.2	6.5	2.0	.5						37.1	8.0
SSE	1.8	2.7	3.4	4.3	1.1	.1	.1					13.0	9.8
S	1.1	.9	.9									3.0	5.4
SSW	.2	.3	.3									1.1	4.9
SW	.5	.3	.1									1.2	4.3
WSW	.2	.7	.7									1.6	6.1
W	.6	1.1	.9	.4								3.2	6.5
WNW	.4	.4	.7	.1								1.6	6.8
NW	.2	.5	.8									1.9	5.3
NNW	.1	1.2	.8	.6								3.0	7.5
VARBL													
CALM												21.1	
	10.6	24.7	21.1	13.2	3.1	.7	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
 FTAC/USA-
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247
 STATION

WILLIAMS LAKE B C OUT APT
 STATION NAME

61-68
 YEARS

CT
 MONTH

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.3	.4	.4								2.6	3.6
NNE	.2	.1										.4	3.3
NE	.1											.1	2.0
ENE	.1	.1										.3	3.5
E	.4											.4	3.0
ESE	.0	1.2	.3	.1								2.4	4.9
SE	2.6	13.0	10.3	6.7	1.7	.5						38.2	8.0
SSE	3.2	5.1	4.7	3.3	.5	.7	.1					17.9	8.5
S	.2	1.1	.4	.1								2.2	5.2
SSW	.2	.1	.1									.5	4.3
SW	1.6	.4										1.6	3.3
WSW	.2	.4	.1									.8	4.5
W	.7	.3	.4	.1								1.5	5.3
WNW	.1	.5	.1	.1								.9	5.6
NW	.2	1.1	.5	.5								2.7	7.5
NNW	.7	1.5	.7	.3								3.1	5.9
VARBL													
CALM												24.5	
	16.4	25.3	18.3	12.0	2.3	1.2	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
 WASHINGTON, D.C.
 AIRCRAFT SERVICE AC

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

SURFACE WINDS

STATION 25247 WILLIAMS LAKE H C OUT APT 01-61
 STATION NAME YEARS
 CLASS ALL WEATHER
 MONTH 0000-0700
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 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	1.7	.4									3.5	4.3
NNE	.2	.1	.3									.7	5.0
NE	.4											.4	2.0
ENE	.1	.1										.2	4.5
E	.1	.7										.2	4.2
ESE	.4	1.4	.4	.1								2.4	5.7
SE	6.4	9.7	12.2	4.9	1.0	1.0	.4	.3				36.7	8.5
SSE	2.1	2.4	3.3	2.5	.4			.1				10.8	7.4
S	1.4	.8	.7									2.9	4.1
SSW	1.1	.1										1.1	1.0
SW	1.1	.1										1.1	1.1
WSW		.4	.1									.5	5.5
W	.3	.6	.3	.1								1.3	5.6
WNW	.3	1.4	.4	.1								2.2	5.8
NW	.4	1.0	1.2	1.0	.1							3.7	6.7
NNW	1.1	1.4	.8	.1								3.3	5.3
VARBL													
CALM												27.0	
	16.8	21.9	20.3	8.9	2.4	1.0	.4	.4				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

25247
STATION

WILLIAMS LAKE B C DUT APT
STATION NAME

61-65
YEARS

NOV
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.2	1.0									3.2	5.2
NNE	.1											.1	2.0
NE	.4	.1										.6	2.8
ENE													
E		.1										.1	4.0
ESE	1.1	.4	.8	.1								2.5	5.3
SE	3.3	9.3	13.5	3.9	2.2	.6	.7	.1				35.6	8.5
SSE	1.2	4.0	3.5	.7	.7							10.4	7.4
S	1.0	.8	.8									2.6	4.9
SSW	.4	.1										.6	3.3
SW	.8	.1										1.0	3.3
WSW	.3	.1										.4	3.3
W	1.1	.7	.3	.3								2.4	5.1
WNW	1.0	.8	.3	.6								2.6	5.9
NW	1.8	1.4	1.7	.7								5.6	6.2
NNW	.8	1.9	1.2	.4	.3							4.7	7.0
VARBL													
CALM												27.6	
	16.7	21.4	23.1	6.7	3.2	.6	.7	.1				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
 RTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247
 STATION

WILLIAMS LAKE B C DUT APT
 STATION NAME

61-68
 YEARS

NOV
 MONTH

ALL WEATHER
 CLASS

0600-0600
 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.2	.6									2.6	4.8
NNE	.3	.1										.4	3.3
NE		.1										.1	4.0
ENE	.4											.3	2.0
E		.1										.1	5.0
ESE	1.4	.6	.4									2.2	4.2
SE	7.9	11.4	10.6	3.7	1.2	1.1	.1	.1				38.2	7.7
SSE	1.5	3.2	3.1	.6	1.0	.4						9.7	8.2
S	1.5	1.3	.6	.1								3.7	4.7
SSW	.4	.4										.8	3.8
SW	.7	.7										1.4	3.6
WSW		.1										.1	5.0
W	.7	.3	.6									1.3	5.5
WNW	.6	1.0	.7	.3								2.3	6.4
NW	1.4	1.4	1.3	1.0	.3							5.4	7.6
NNW	1.4	1.8	1.8	.6								5.6	6.3
VARBL													
CALM												25.1	
	18.0	24.0	19.7	8.2	2.2	1.5	.1	.1				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

760

DATA PROCESSING DIVISION
 ITAC/USAF
 AIR WEATHER SERVICE/AC

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

SURFACE WINDS

25247 WILLIAMS LAKE H C OUT APT 61-60
 STATION NAME YEARS
 ALL WEATHER
 CLASS
 CONDITION
 MONTH 0900-1100
 HOUR (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.4	.3	.1								1.8	5.0
NNE	.1	.2										.4	4.7
NE													
ENE													
E	.3											.3	3.0
ESE	.1	1.7	.6	.1								3.1	5.2
SE	6.4	11.4	10.6	6.2	2.5	1.9	.3					37.3	8.9
SSE	3.1	4.0	5.0	3.2	1.0							16.2	7.9
S	1.1	1.0	.7	.3								2.9	5.7
SSW	.6	.6										1.4	3.5
SW	.7	.4	.1									1.2	3.6
WSW	.3											.3	3.0
W	.6	.3	.8									1.7	5.6
WNW		.4	.4	.2								1.1	4.6
NW	1.0	1.4	2.8	1.5	.1							6.8	8.3
NNW	1.4	2.8	1.0	.3	.3							6.2	5.7
VARBL													
CALM												17.2	
	17.4	24.6	22.2	12.1	3.9	1.9	.3					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/SAF

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

SURFACE WINDS

25247 STATION NAME WILLIAMS LAKE H C DUTY APT 01-04 YEARS MONTH 1200-1400 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	.0	.0	.1								1.6	5.9
NNE	.1		.1									.3	6.5
NE	.1											.1	3.0
ENE		.3										.3	4.0
E		.4	.1									.6	5.3
ESE	.7	1.7	1.2	.3								3.9	5.9
SE	3.1	12.1	12.6	8.5	2.9	1.0	.3					40.4	9.2
SSE	1.4	2.8	5.6	2.6	1.1	.3						13.7	9.6
S	1.0	.4	1.1	.1		.1						3.2	6.7
SSW	.0	.3	.1									1.1	4.1
SW	1.0	.7										1.7	3.5
WSW	.2		.7									1.0	6.0
W	.0	.0	.3									1.4	5.0
WNW	.4	.1	.6	.4	.1							1.7	8.8
NW	.1	1.5	3.6	1.1	.3							7.2	8.4
NNW	1.7	2.4	2.4	.8	.1							7.4	5.9
VARBL													
CALM												14.4	
	12.1	24.2	29.0	14.0	4.9	1.4	.3					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
 ITAC/USAF
 AIR WEATHER SERVICE/AC

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

SURFACE WINDS

25247 WILLIAMS LAKE B C OUT APT 61-68
 STATION STATION NAME YEARS
 ALL WEATHER
 CLASS
 1500-1700
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	.1									2.2	3.9
NNE	.1											.1	3.0
NE													
ENE													
E	.4	.8	.4									1.7	5.1
ESE	1.4	1.8	2.1	.4								5.7	6.1
SE	4.4	8.7	12.5	7.8	1.2	.7						35.4	8.6
SSE	1.4	3.6	3.3	1.5	.4	.2	.3					11.2	4.3
S	1.2	1.5	1.1	.1		1.1						4.2	6.1
SSW	.4	.2	.1									.8	4.0
SW	.5	.3	.3	.3								1.7	5.7
WSW	.1	.1										.3	3.5
W	.2	.1	.6	.1								1.1	8.1
WNW	.4	.4	.4	.1	.1							1.5	7.1
NW	1.1	2.2	2.8	.7								6.8	7.0
NNW	.1	3.5	1.5	.4								6.2	6.1
VARBL													
CALM												21.0	
	14.6	24.4	25.3	11.5	1.8	1.1	.3					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ALC

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

SURFACE WINDS

STATION 25247 STATION NAME WILLIAMS LAKE H C JST APT YEARS 01-64 MONTH NOV
CLASS ALL WEATHER HOURS (L S T.) 1400-2000
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	1.5	.8										2.4	3.5
NNE	.1	.1	.1									.4	5.0
NE		.1										.1	5.0
ENE	.4											.1	2.0
E	.3	.7	.1									1.1	5.0
ESE	1.0	2.8	1.0	.1								4.9	5.3
SE	5.4	9.7	11.9	6.7	2.2	.6						36.5	8.5
SSE	1.5	4.0	5.3	1.4	.8							13.1	7.6
S	.1	.8	.3	.1								1.4	6.0
SSW	.3	.4										.7	4.0
SW	.7	.7										1.4	3.4
WSW	.6	.1										.7	3.2
W	1.0	.3	.1									1.4	3.7
WNW	.6	1.1	1.0	.3								2.9	6.4
NW	1.6	1.9	1.2		.4							4.9	6.1
NNW	.8	1.7	1.7	1.0	.1	.1						5.4	7.8
VARBL													
CALM												22.6	
	15.4	25.4	22.8	9.6	3.6	.7						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR EATER SERVICE/AC

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

SURFACE WINDS

25247 WILLIAMS LAKE H C OUT APT 61-68
STATION NAME YEARS
ALL WEATHER
CLASS
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.0										2.6	3.4
NNE	.1	.3										.4	3.7
NE	.1	.1										.3	4.0
ENE		.1										.1	4.0
E	.3	.4	.1									.8	4.3
ESE	.8	2.1	.7									3.6	5.0
SE	5.3	9.6	12.5	4.7	2.4	.7	.1					35.3	8.4
SSE	1.7	4.3	4.4	3.2	.1			.1				13.9	7.9
S	1.1	1.1	.4									2.6	4.4
SSW	.4		.1									.6	3.8
SW	1.0	.6	.1									1.7	3.6
WSW	.6	.1										.7	3.0
W	.1	.6	.1									.8	5.0
WNW	.3	1.0	.4	.3								1.9	6.3
NW	1.0	2.6	1.1		.1	.1						5.0	5.9
NNW	1.2	1.8	.4	.4	.3							4.2	6.1
VARBL													
CALM												25.4	
	15.7	23.7	20.6	8.6	2.9	.8	.1	.1				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
ETAC/USA-
AIR WEATHER SERVICE/AC

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

SURFACE WINDS

25247
STATION

WILLIAMS LAKE B C DNT APT
STATION NAME

61-68
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.1	1.1									3.9	4.8
NNE	.3											.3	2.0
NE													
ENE	.1											.1	2.0
E	.2		.3									.5	6.0
ESE	1.1	.2	.7	.4	.1							2.6	6.9
SE	5.2	7.2	8.4	6.1	2.4	.9	.1	.1				30.4	9.0
SSE	2.4	2.2	3.4	2.2	.5	.5		.1				11.7	8.6
S	.4	.7	.3									1.9	4.0
SSW	.1	.3										.4	4.3
SW	.4	.2										1.2	2.9
WSW	.1	.1	.1									.4	5.0
W	.4	.4										1.3	3.6
WNW	.8	.4	.4	.3								1.9	6.1
NW	1.5	1.6	1.8	.8	.1	.1						5.8	7.3
NNW	1.5	1.5	1.1	.1								4.2	5.2
VARBL													
CALM												37.9	
	14.6	15.9	17.4	9.9	3.2	1.6	.1	.3				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

741

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AAC

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

SURFACE WINDS

25247
STATIONWILLIAMS LAKE H C OUT APT
STATION NAME61-6R
YEARSJFC
MONTHALL WEATHER
CLASS0300-0500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.5	.7									3.1	4.9
NNE		.1										.1	5.0
NE	.2											.3	3.0
ENE													
E	.4	.1	.4									.9	5.3
ESE	.1	.5	.4	.1	.1							1.3	8.0
SE	7.0	7.2	7.4	6.1	2.4	.7						30.8	8.3
SSE	1.8	3.0	3.0	2.4	.7	.2						13.1	8.7
S	1.3	1.5	.4	.1								3.4	4.8
SSW	.4	.3										.7	3.8
SW	.1	.1										.3	3.0
WSW	.1	.5	.1									.8	4.5
W	.1	.4	.3	.3	.1							1.8	7.5
WNW	.2	.6	.7			.1						1.9	7.1
NW	.5	1.5	1.9	.4								4.3	7.0
NNW	.8	1.9	1.5	.1								4.3	5.9
VARBL													
CALM												32.9	
	14.4	20.0	18.8	9.6	3.4	1.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

741

2

DATA PROCESSING DIVISION
ETAC/USA-
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247

WILLIAMS LAKE B C DUT APT

61-6F

NFC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.3	.7	.1								3.5	4.8
NNE	.2	.1										.4	3.0
NE	.2	.1										.4	3.3
ENE		.3										.5	4.5
E	.2	.3	.1									.9	3.9
ESE	.2	.4	.4									1.3	5.1
SE	5.1	7.9	9.3	5.4	2.0	.3	.3	.1				31.0	8.8
SSE	2.2	3.2	5.4	2.2	.4							13.3	7.7
S	1.2	.7	.9	.2								2.7	5.3
SSW	.4		.2									.7	4.6
SW	.1											.1	3.0
WSW	.2	.1	.1									.5	3.8
W	.2	.7	.3	.4								1.9	6.3
WNW	.2	1.1	1.1	.1								2.6	6.1
NW	.7	2.0	3.1	.2	.1							6.5	7.4
NNW	1.2	1.6	.9	.2								4.3	5.6
VARBL													
CALM												29.3	
	15.4	20.2	22.2	9.2	2.6	.8	.3	.1				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

743

2

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247
STATIONWILLIAMS LAKE H C OUT APT
STATION NAME61-65
YEARSDEC
MONTHALL WEATHER
CLASS0900-1100
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	1.7	.8	.8	.4								3.8	5.7
NNE	.4		.1									.5	3.8
NE	.1											.1	3.0
ENE													
E													
ESE	.7	1.2	.1									2.0	4.3
SE	4.0	7.1	11.4	7.1	2.0	1.3	.3					33.4	9.4
SSE	2.2	3.9	3.5	3.0	.3	.3						13.3	8.4
S	.8	.8	.7	.1								2.4	5.4
SSW	.7	.1	.1									.9	4.0
SW	.9	.4										1.3	3.3
WSW	.3											.3	3.0
W	.9	.7	.5									2.2	4.6
WNW	.1	.3	.3									.7	5.8
NW	1.7	.9	2.4	1.1	.1							6.3	7.2
NNW	2.7	3.2	2.0	.7								8.6	5.6
VARBL													
CALM												24.1	
	17.4	19.3	22.1	12.4	2.4	1.9	.3					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

743

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAG

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

SURFACE WINDS

25247
STATIONWILLIAMS LAKE B C OUT APT
STATION NAME61-68
YEARSLFC
MONTHALL WEATHER
CLASS1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.8	1.3	.4	.1							4.9	6.4
NNE	.1		.3									.4	5.3
NE	.1		.3									.4	5.7
ENE	.1											.1	2.0
E	.1	.1										.3	3.5
ESE	.7	.7	.4									1.8	4.3
SE	2.8	4.6	12.3	8.1	2.6	2.3	.1					32.8	10.5
SSE	2.4	2.4	3.8	3.3	.9	.4	.1					13.6	9.3
S	1.2	.5	.3	.3								2.4	5.3
SSW	.2	.3	.4		.3							1.2	8.8
SW	.8	.3	.4									1.5	4.4
WSW	.3	.1										.4	3.0
W	.8	.5	.4	.1								1.9	5.2
WNW	.1	1.1	.3	.3								1.8	6.2
NW	1.8	2.6	4.0	.9								9.3	7.0
NNW	2.8	2.3	1.5	.5								7.2	5.2
VARBL													
CALM												20.1	
	15.4	17.3	25.6	14.2	3.9	2.7	.3					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

741

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

2524' STATION WILLIAMS LAKE B C OUT APT 61-65 YEARS DEC MONTH
 CLASS ALL WEATHER 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	1.2	1.6	1.3	.4								4.7	6.2
NNE	.1		.1									.3	6.0
NE	.2	.1	.1									.5	4.8
ENE	.3		.1									.4	4.0
E		.2	.1									.4	6.7
ESE	.9	.9	.3									2.2	4.3
SE	3.8	6.7	8.8	5.8	2.0	1.9	.3	.1				29.4	10.0
SSE	2.2	2.3	4.0	2.4	.9	.3	.1					12.3	9.0
S	.9	.8	.7	.4								2.8	6.4
SSW		.2		.1								.4	8.3
SW	1.1	.5										1.6	3.7
WSW	.7		.3									.9	4.0
W	.9	.7	.8									2.4	5.4
WNW	.4	.7	.5	.1								1.8	5.6
NW	2.0	3.9	2.3	1.1	.3							9.6	6.4
NNW	2.7	3.5	.8	.7		.1						7.8	5.6
VARBL													
CALM												22.4	
	17.7	22.4	20.4	11.1	3.2	2.3	.4	.1				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 741

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/PAO

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

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C OUT APT 61-68 YEARS DEC MONTH 1800-2000 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	1.8	2.3	.9				.1					5.1	5.3
NNE	.1											.1	3.0
NE	.3											.3	2.5
ENE	.1											.1	2.0
E	.3	.1	.4									.8	6.2
ESE	1.3	.7	.9									3.0	4.6
SE	3.6	7.4	8.9	4.6	1.8	1.5	1.1	.3				29.1	10.0
SSE	1.5	3.6	2.6	2.2	.7	.1	.3					10.9	8.8
S	.4	.7	.3	.4								2.3	5.5
SSW	.4	.3										.7	3.4
SW	.8											.9	2.5
WSW	.3											.3	3.0
W	.3	1.1										1.3	4.4
WNW	.7	.4	1.1	.1								2.8	6.0
NW	2.0	1.6	2.2	1.3	.3	.3						7.8	8.0
NNW	2.3	1.8	.9	.1								5.1	4.9
VARBL													
CALM												29.3	
	16.7	20.5	18.2	8.9	2.7	1.9	1.5	.3				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 741

2

DATA PROCESSING DIVISION
ETAC/USA-
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247
STATIONWILLIAMS LAKE B C OUT APT
STATION NAME61-68
YEARSDEC
MONTHALL WEATHER
CLASS2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.0	.9	.1								4.9	4.9
NNE	.2											.3	3.0
NE				.1								.1	11.0
ENE													
E	.2	.1	.4									.6	6.0
ESE	.7	.8	.8	.3								2.6	6.1
SE	3.6	7.4	10.1	4.9	2.3	1.5	.8	.1				32.5	9.4
SSE	2.8	3.8	2.8	1.3	.7	.5						12.0	7.7
S	.4	.7	.4									1.5	5.4
SSW	.4		.1									.5	4.0
SW	.4	.1										.5	3.3
WSW	.2											.3	3.0
W	.4	.8										1.2	4.2
WNW	.2	1.1	.3	.3								2.8	5.6
NW	1.2	1.1	1.2	1.6	.3	.1						5.7	8.7
NNW	1.0	2.0	1.3		.1							5.3	5.3
VARBL													
CALM												29.0	
	17.1	20.0	18.8	8.6	3.4	2.2	.8	.1				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

741

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

25247 STATION WILLIAMS LAKE & C BMT APT 61-68 YEARS ALL MONTH
INSTRUMENT CLASS ALL HOURS (L.R.T.)
CONDITION

CIG 200 TO 1400 FT w/ VSBY 1/2 MI OR MORE

AND/OR VSBY 1/2 IF 2-1/2 MI -/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.9	1.3	.1			.0					5.7	5.0
NNE	.4	.2	.1									.6	3.9
NE	.3	.2	.0									.5	3.6
ENE	.2	.2	.1									.5	4.5
E	.3	.3	.3	.1								.9	6.2
ESE	.8	.8	.6	.2	.0							2.4	5.7
SE	3.7	6.2	6.0	2.4	.6	.1						19.1	7.1
SSE	1.7	2.3	2.0	.6	.2							6.9	6.2
S	1.4	.8	.2	.0		.0						2.4	4.0
SSW	.5	.2	.1									1.1	3.6
SW	1.1	.7	.3	.0								2.0	4.2
WSW	.7	.6	.3									1.6	4.5
W	.7	.9	.4	.1								2.2	5.1
WNW	.6	1.0	.8	.3	.0	.0						2.9	6.3
NW	2.8	3.6	4.1	1.5	.2	.0	.0					12.3	6.9
NNW	3.0	3.2	3.1	.7	.1							12.1	5.8
VARBL													
CALM												26.9	
	20.4	22.3	14.6	6.0	1.1	.2	.0					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 5111

DATA IN SUMMARY DERIVED FROM
1943/1948
AIR FORCE STATION (AFC)
ASHEVILLE, NORTH CAROLINA

PART D CEILING VERSUS VISIBILITY

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

1. General - all years and all hours combined
2. Seasonal - all years and all hours combined
3. Monthly - by seasonal pressure groups

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

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

INSTRUCTIONS FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING VERSUS VISIBILITY TABLE											
CEILING	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000
1000	90.0	85.0	80.0	75.0	70.0	65.0	60.0	55.0	50.0	45.0	40.0
1500	85.0	80.0	75.0	70.0	65.0	60.0	55.0	50.0	45.0	40.0	35.0
2000	80.0	75.0	70.0	65.0	60.0	55.0	50.0	45.0	40.0	35.0	30.0
2500	75.0	70.0	65.0	60.0	55.0	50.0	45.0	40.0	35.0	30.0	25.0
3000	70.0	65.0	60.0	55.0	50.0	45.0	40.0	35.0	30.0	25.0	20.0
3500	65.0	60.0	55.0	50.0	45.0	40.0	35.0	30.0	25.0	20.0	15.0
4000	60.0	55.0	50.0	45.0	40.0	35.0	30.0	25.0	20.0	15.0	10.0
4500	55.0	50.0	45.0	40.0	35.0	30.0	25.0	20.0	15.0	10.0	5.0
5000	50.0	45.0	40.0	35.0	30.0	25.0	20.0	15.0	10.0	5.0	0.0
5500	45.0	40.0	35.0	30.0	25.0	20.0	15.0	10.0	5.0	0.0	0.0
6000	40.0	35.0	30.0	25.0	20.0	15.0	10.0	5.0	0.0	0.0	0.0

EXAMPLE # 1 Find ceiling values independently of visibility under column at right headed ≥ 0 .
 For instance, from the table: Ceiling ≥ 1500 feet = 90.0%.
 Ceiling ≥ 500 feet = 95.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
 Visibility ≥ 3 miles = 95.1%.
 Visibility ≥ 2 miles = 90.0%.
 Visibility ≥ 1 mile = 85.0%.

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

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimum 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 # 4, 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 tables can be 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.

2

DATA PROCESSING DIVISION
USAF ETAC
AIR FATER PRODUCTION

CEILING VERSUS VISIBILITY

4247 ILLINOIS CREEK C. AT FT 01-92 11

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	42.0	42.3	42.3	42.4	42.5	42.5	42.6	42.7	42.6	42.7	42.7	42.7	42.9	42.9	43.1	43.1
≥ 20000	48.5	48.4	48.9	49.1	49.1	49.1	49.2	49.2	49.2	49.3	49.3	49.3	49.4	49.5	49.5	49.7
≥ 18000	48.5	49.2	49.3	49.4	49.5	49.5	49.6	49.6	49.7	49.7	49.7	49.8	49.9	50.0	50.1	50.1
≥ 16000	49.3	49.3	49.7	49.8	49.9	49.9	50.0	50.0	50.0	50.1	50.1	50.1	50.2	50.2	50.4	50.5
≥ 14000	51.2	52.1	52.2	52.3	52.3	52.3	52.4	52.4	52.4	52.5	52.6	52.6	52.7	52.7	52.7	53.0
≥ 12000	55.4	55.7	55.8	55.9	56.0	56.0	56.1	56.1	56.1	56.2	56.3	56.3	56.4	56.4	56.6	56.7
≥ 10000	61.7	62.1	62.2	62.3	62.4	62.4	62.5	62.5	62.6	62.7	62.7	62.7	62.8	62.9	63.1	63.2
≥ 9000	63.9	64.3	64.4	64.5	64.6	64.6	64.7	64.7	64.8	64.9	64.9	64.9	65.1	65.1	65.3	65.4
≥ 8000	67.2	68.1	68.1	68.3	68.4	68.4	68.5	68.5	68.6	68.6	68.7	68.7	68.8	68.8	69.0	69.2
≥ 7000	70.4	70.9	71.0	71.2	71.3	71.3	71.4	71.4	71.5	71.6	71.6	71.7	71.8	71.8	72.1	72.1
≥ 6000	72.4	73.0	73.1	73.2	73.4	73.4	73.5	73.5	73.6	73.7	73.7	73.7	73.9	73.9	74.1	74.2
≥ 5000	76.2	76.9	77.0	77.1	77.3	77.3	77.4	77.5	77.5	77.6	77.6	77.7	77.8	77.8	78.1	78.2
≥ 4500	76.8	77.5	77.7	77.8	78.0	78.0	78.2	78.2	78.3	78.4	78.4	78.5	78.5	78.6	78.7	78.9
≥ 4000	80.6	81.3	81.7	81.8	82.0	82.0	82.2	82.2	82.3	82.4	82.4	82.5	82.6	82.6	82.8	82.9
≥ 3500	81.6	82.3	82.7	82.8	83.0	83.0	83.2	83.2	83.3	83.4	83.4	83.5	83.6	83.6	83.8	83.9
≥ 3000	84.0	85.8	86.0	86.3	86.5	86.5	86.7	86.7	86.8	86.8	86.9	87.0	87.0	87.1	87.2	87.4
≥ 2500	85.7	87.1	87.3	87.6	87.9	87.9	88.1	88.2	88.2	88.3	88.4	88.4	88.5	88.6	88.8	88.9
≥ 2000	87.2	89.9	89.1	89.5	89.9	89.9	90.2	90.2	90.3	90.4	90.5	90.5	90.7	90.7	90.9	91.1
≥ 1800	87.4	89.2	89.5	89.8	90.2	90.2	90.6	90.6	90.6	90.8	90.9	90.9	91.1	91.1	91.3	91.4
≥ 1500	88.2	90.2	90.5	90.9	91.4	91.4	91.9	91.9	92.0	92.2	92.2	92.2	92.3	92.4	92.7	92.6
≥ 1200	88.9	91.0	91.3	91.8	92.4	92.5	93.0	93.2	93.2	93.4	93.5	93.6	93.7	93.7	94.0	94.1
≥ 1000	89.4	91.3	92.0	92.0	93.3	93.3	94.0	94.2	94.2	94.7	94.8	94.8	95.0	95.1	95.3	95.4
≥ 900	89.5	91.3	92.3	92.8	93.8	93.8	94.3	94.5	94.5	95.0	95.2	95.2	95.4	95.4	95.6	95.8
≥ 800	89.7	92.1	92.5	93.1	93.9	93.9	94.7	94.9	95.0	95.5	95.8	95.8	96.0	96.1	96.3	96.5
≥ 700	89.8	92.3	92.8	93.4	94.2	94.2	95.0	95.2	95.3	95.9	96.2	96.2	96.4	96.5	96.7	96.9
≥ 600	89.9	92.5	93.0	93.7	94.5	94.5	95.4	95.6	95.7	96.3	96.7	96.7	97.0	97.0	97.2	97.4
≥ 500	90.0	92.7	93.3	94.0	94.8	94.9	95.8	96.0	96.1	96.8	97.2	97.3	97.6	97.7	97.9	98.0
≥ 400	90.0	92.9	93.4	94.2	95.1	95.2	96.1	96.4	96.5	97.2	97.6	97.7	98.1	98.1	98.4	98.5
≥ 300	90.0	92.7	93.3	94.3	95.2	95.3	96.3	96.6	96.7	97.4	97.9	98.0	98.4	98.5	98.7	98.8
≥ 200	90.0	92.9	93.8	94.3	95.3	95.4	96.4	96.6	96.8	97.7	98.1	98.2	98.7	98.8	99.0	99.0
≥ 100	90.0	92.9	93.8	94.3	95.3	95.4	96.3	96.6	96.9	97.8	98.2	98.3	98.8	98.9	99.0	99.7
≥ 0	90.0	92.9	93.8	94.3	95.3	95.4	96.3	96.6	96.9	97.8	98.2	98.3	98.8	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 70099

USAF ETAC FORM 0-14.5 (OL) 1-1-77

ATMOSPHERIC DIVISION
521 ET
12 EAST E. ICE/NO

CEILING VERSUS VISIBILITY

61-68

61-68

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
≥ 20000	29.4	29.5	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
18000	35.2	35.3	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
16000	35.7	35.8	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
14000	36.2	36.3	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
12000	36.7	36.8	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
10000	37.2	37.3	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
9000	37.7	37.8	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
8000	38.2	38.3	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
7000	38.7	38.8	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
6000	39.2	39.3	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
5000	39.7	39.8	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
4500	40.2	40.3	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
4000	40.7	40.8	40.9	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
3500	41.2	41.3	41.4	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
3000	41.7	41.8	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
2500	42.2	42.3	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
2000	42.7	42.8	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
1800	43.2	43.3	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
1500	43.7	43.8	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
1200	44.2	44.3	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
1000	44.7	44.8	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
900	45.2	45.3	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
800	45.7	45.8	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
700	46.2	46.3	46.4	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
600	46.7	46.8	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
500	47.2	47.3	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
400	47.7	47.8	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
300	48.2	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
200	48.7	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
100	49.2	49.3	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	49.5
0	49.7	49.8	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	50.0

TOTAL NUMBER OF OBSERVATIONS

5052

USAF ETAC FORM 101-54 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25247 WILLIAMS LAKE R C DOT APT

61-68

150

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

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	41.5	42.0	42.0	42.1	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 20000	48.2	48.7	48.7	48.8	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 18000	46.4	46.9	46.9	47.0	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
IV 16000	49.0	49.5	49.5	49.6	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
IV 14000	51.2	51.8	51.8	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IV 12000	55.1	55.6	55.6	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 10000	62.7	63.3	63.3	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 9000	65.3	65.9	65.9	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 8000	69.3	70.1	70.1	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 7000	72.2	72.8	72.8	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 6000	74.4	75.0	75.0	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 5000	77.2	77.9	77.9	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 4500	77.7	78.4	78.4	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 4000	80.7	81.7	81.7	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 3500	81.5	82.5	82.5	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 3000	83.0	83.7	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 2500	84.2	85.0	85.0	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 2000	85.4	86.2	86.2	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 1800	86.6	87.4	87.4	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 1500	87.8	88.6	88.6	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 1200	89.0	89.8	89.8	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 1000	90.2	91.0	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 900	91.4	92.2	92.2	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 800	92.6	93.4	93.4	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 700	93.8	94.6	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 600	95.0	95.8	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 500	96.2	97.0	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 400	97.4	98.2	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 300	98.6	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 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
IV 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

5424

USAF ETAC

FORM 54

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER SERVICE/MAC

CEILING VERSUS VISIBILITY

05247
STATION

HILLIAMS LAKE AFB, MONT 19T
STATION NAME

61-63
YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

LL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .2	≥ .1	≥ 0
NO CEILING ≥ 20000	47.0	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.2	48.2	48.2
≥ 18000	55.1	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.5	55.5	55.5
≥ 16000	55.4	55.5	55.5	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.9	55.9
≥ 14000	57.4	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.8	57.8	57.8
≥ 12000	60.5	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	61.0	61.0	61.1	61.1
IV 10000	67.1	67.3	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.7	67.7	67.7
IV 9000	69.1	69.4	69.4	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.9	69.9	69.9
IV 8000	71.8	72.2	72.3	72.3	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.8	72.8	72.8
IV 7000	74.2	74.7	74.7	74.8	74.9	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3
IV 6000	75.7	76.2	76.2	76.3	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.7	76.7	76.8	76.8	76.8
IV 5000	78.6	79.2	79.3	79.4	79.5	79.5	79.7	79.7	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9
IV 4500	79.1	79.7	79.8	79.9	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.5	80.5	80.5	80.5
IV 4000	83.1	83.8	83.9	84.0	84.2	84.2	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.6
IV 3500	84.2	85.0	85.0	85.2	85.3	85.3	85.5	85.5	85.6	85.6	85.6	85.7	85.8	85.8	85.8	85.8
IV 3000	87.0	88.2	88.3	88.5	88.6	88.8	89.1	89.1	89.1	89.2	89.3	89.3	89.4	89.4	89.4	89.4
IV 2500	88.4	89.6	89.7	90.0	90.3	90.3	90.6	90.7	90.7	90.8	90.8	90.8	90.9	91.0	91.0	91.0
IV 2000	90.6	91.2	91.4	91.5	92.2	92.2	92.7	92.8	92.8	92.9	92.9	92.9	93.1	93.1	93.1	93.1
IV 1800	90.8	91.4	91.6	92.0	92.6	92.6	93.0	93.1	93.1	93.2	93.3	93.3	93.4	93.4	93.5	93.5
IV 1500	90.9	92.3	92.5	93.0	93.8	93.8	94.5	94.6	94.7	94.8	94.9	94.9	95.0	95.0	95.1	95.1
IV 1200	90.9	93.0	93.2	93.8	94.8	94.8	95.7	95.9	96.0	96.2	96.2	96.2	96.4	96.4	96.4	96.5
IV 1000	91.1	93.3	93.5	94.2	95.3	95.3	96.4	96.6	96.7	97.2	97.3	97.4	97.5	97.5	97.5	97.6
IV 900	91.1	93.4	93.7	94.4	95.5	95.5	96.7	96.9	96.9	97.4	97.6	97.6	97.8	97.8	97.8	97.9
IV 800	91.2	93.6	93.8	94.5	95.7	95.7	96.9	97.1	97.2	97.8	98.1	98.1	98.2	98.3	98.4	98.4
IV 700	91.2	93.6	93.9	94.6	95.8	95.8	97.0	97.3	97.4	98.0	98.2	98.3	98.6	98.6	98.6	98.6
IV 600	91.4	93.7	94.9	94.7	95.9	95.9	97.1	97.4	97.5	98.1	98.4	98.5	98.8	98.8	98.8	98.9
IV 500	91.3	93.7	94.0	94.7	95.9	95.9	97.2	97.4	97.5	98.2	98.6	98.7	99.0	99.1	99.1	99.1
IV 400	91.3	93.7	94.0	94.7	95.9	96.0	97.2	97.5	97.6	98.2	98.7	98.8	99.3	99.3	99.4	99.5
IV 300	91.3	93.8	94.0	94.7	96.0	96.0	97.3	97.5	97.6	98.3	98.8	98.9	99.4	99.4	99.5	99.6
IV 200	91.3	93.8	94.0	94.7	96.0	96.0	97.3	97.5	97.6	98.3	98.8	98.9	99.5	99.5	99.7	99.7
IV 100	91.3	93.8	94.0	94.8	96.0	96.0	97.3	97.6	97.7	98.3	98.9	99.0	99.6	99.6	99.9	99.9
IV 0	91.3	93.8	94.0	94.8	96.0	96.0	97.3	97.6	97.7	98.3	98.9	99.0	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

5952

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

DATA PROCESSING DIVISION
USAF ETAC
AIR CRAFT SERVICE/AC

CEILING VERSUS VISIBILITY

02647

WILLIAMS LAKE AFB, IDAHO

61-66

YEARS

PER

LL

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	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	42.0
≥ 20000	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 18000	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	51.1
IV 16000	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 14000	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.1
IV 12000	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	57.1
IV 10000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	61.1
IV 9000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.2
IV 8000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.4
IV 7000	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.2
IV 6000	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	72.7
IV 5000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4
IV 4500	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.2
IV 4000	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.7
IV 3500	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	84.1
IV 3000	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.9
IV 2500	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	89.4
IV 2000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	91.9
IV 1800	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	92.2
IV 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	94.1
IV 1200	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	95.2
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	96.7
IV 900	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	97.0
IV 800	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	97.4
IV 700	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	97.8
IV 600	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	98.2
IV 500	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	98.4
IV 400	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	98.6
IV 300	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	98.8
IV 200	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.0
IV 100	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.2
IV 0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.4

TOTAL NUMBER OF OBSERVATIONS

5757

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AC

CEILING VERSUS VISIBILITY

25247 WILLIAMS LAKE 800 FT
STATION

61-69

YEARS

5Y

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HC 61-69

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	42.7	42.8	42.8	42.8	42.9	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	43.0
≥ 20000	43.8	43.8	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
IV 18000	49.1	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.4
IV 16000	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
IV 14000	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
IV 12000	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
IV 10000	59.7	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1
IV 9000	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0
IV 8000	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.5
IV 7000	67.2	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.7
IV 6000	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.8
IV 5000	76.3	76.7	76.7	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.1
IV 4500	77.5	77.7	77.7	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1
IV 4000	83.0	83.3	83.4	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.8
IV 3500	84.0	84.9	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3
IV 3000	90.3	90.0	90.0	90.1	90.3	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6
IV 2500	90.8	91.4	91.4	91.5	91.6	91.6	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	92.0
IV 2000	92.2	92.9	93.0	93.1	93.2	93.2	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.7
IV 1800	92.5	93.3	93.4	93.5	93.6	93.6	93.7	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.1
IV 1500	93.3	94.0	94.8	94.9	95.1	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.6
IV 1200	93.9	95.0	95.2	95.4	95.5	95.5	95.5	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.1
IV 1000	94.5	95.9	96.1	96.3	96.5	96.5	96.7	96.8	96.8	97.0	97.0	97.0	97.0	97.1	97.1	97.2
IV 900	94.6	95.0	96.3	96.5	96.7	96.7	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.4
IV 800	94.8	96.4	96.7	96.9	97.1	97.1	97.4	97.5	97.5	97.8	97.8	97.8	97.8	97.9	97.9	98.0
IV 700	94.9	96.7	97.0	97.3	97.5	97.5	97.8	97.9	97.9	98.2	98.2	98.2	98.2	98.3	98.3	98.4
IV 600	95.0	97.0	97.3	97.6	97.8	97.8	98.2	98.3	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.7
IV 500	95.1	97.2	97.5	97.8	98.2	98.2	98.6	98.7	98.7	99.0	99.1	99.1	99.1	99.2	99.2	99.3
IV 400	95.2	97.2	97.6	97.9	98.3	98.3	98.7	98.8	98.8	99.1	99.2	99.2	99.2	99.3	99.3	99.4
IV 300	95.2	97.3	97.6	97.9	98.4	98.4	98.8	98.9	98.9	99.2	99.3	99.3	99.3	99.4	99.5	99.6
IV 200	95.2	97.3	97.6	98.0	98.4	98.4	98.8	99.0	99.0	99.3	99.3	99.3	99.3	99.6	99.6	99.8
IV 100	95.2	97.3	97.6	98.0	98.4	98.4	98.9	99.0	99.0	99.3	99.4	99.4	99.4	99.6	99.7	99.9
IV 0	95.2	97.3	97.6	98.0	98.4	98.4	98.9	99.0	99.0	99.3	99.4	99.4	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 5951

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25247

WILLIAMS LAKE S C OUT APT

01-60

YEARS

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING	48.3	49.3	49.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 20000	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 18000	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
≥ 16000	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 14000	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 12000	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 10000	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 9000	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 8000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 7000	74.1	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	76.7	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
≥ 5000	81.8	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
≥ 4500	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4000	87.9	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
≥ 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
≥ 3000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	96.9	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
≥ 1800	96.0	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	96.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	96.4	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	96.6	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	96.7	97.9	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
≥ 800	96.7	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	96.8	98.2	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	96.8	98.4	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	96.8	98.4	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	96.8	98.5	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	96.9	98.5	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	96.9	98.5	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	96.9	98.5	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	96.9	98.5	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

5758

USAF ETAC

FORM
RUE 64

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EAT FR SERVICE/AC

CEILING VERSUS VISIBILITY

20247 WILLIAMS LAKE R. C. OUT CRT

61-65

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

LL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.3
≥ 20000	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.4	56.4	56.4	56.5
IV 18000	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.8	56.8
IV 16000	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.9	56.9	57.1	57.1
IV 14000	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.9	58.9
IV 12000	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.8	61.9
IV 10000	67.0	67.1	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.6	67.7
IV 9000	68.7	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.1	69.3	69.3
IV 8000	71.9	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.7	72.7
IV 7000	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.6	74.6	74.6	74.6	74.8	75.0	75.1
IV 6000	76.8	77.1	77.1	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.5	77.5	77.6	77.9	77.9
IV 5000	81.3	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.1	82.1	82.2	82.3	82.5
IV 4500	82.1	82.6	82.6	82.7	82.8	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.1	83.1	83.4	83.4
IV 4000	87.3	87.8	87.9	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.4	88.5	88.7	88.7
IV 3500	88.1	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.1	89.2	89.2	89.3	89.3	89.5	89.6
IV 3000	90.8	91.3	91.4	91.4	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.3	92.3	92.5	92.5
IV 2500	92.1	92.9	93.0	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.6	93.6	93.9	93.9
IV 2000	93.4	94.4	94.5	94.7	95.0	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.3	95.3	95.6	95.6
IV 1800	93.7	94.7	94.8	95.0	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.7	95.7	95.9	96.0
IV 1500	94.1	95.1	95.3	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.3	96.3	96.5	96.6
IV 1200	94.4	95.4	95.6	95.9	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.7	96.7	96.9	97.0
IV 1000	94.8	95.9	96.1	96.5	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.4	97.4	97.6	97.7
IV 900	94.9	95.1	96.3	96.7	97.1	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.5	97.5	97.6	97.8
IV 800	95.0	96.3	96.5	96.9	97.3	97.3	97.5	97.5	97.5	97.5	97.6	97.6	97.8	97.8	98.0	98.1
IV 700	95.2	96.4	96.7	97.1	97.5	97.5	97.7	97.7	97.7	97.7	97.8	97.9	98.1	98.1	98.3	98.4
IV 600	95.3	96.6	96.8	97.3	97.7	97.7	98.0	98.0	98.0	98.1	98.2	98.2	98.3	98.3	98.6	98.6
IV 500	95.3	96.8	97.1	97.5	98.1	98.1	98.4	98.5	98.5	98.5	98.6	98.6	98.8	98.8	99.0	99.1
IV 400	95.4	96.9	97.2	97.7	98.3	98.3	98.7	98.7	98.7	98.8	98.9	98.9	99.0	99.1	99.3	99.4
IV 300	95.4	96.9	97.2	97.7	98.3	98.3	98.8	98.8	98.8	98.9	99.0	99.1	99.1	99.3	99.5	99.6
IV 200	95.4	97.0	97.3	97.8	98.4	98.4	98.9	98.9	98.9	99.1	99.2	99.2	99.4	99.4	99.7	99.8
IV 100	95.4	97.0	97.3	97.8	98.5	98.5	98.9	99.0	99.0	99.2	99.3	99.3	99.5	99.5	99.9	99.9
IV 0	95.4	97.0	97.3	97.8	98.5	98.5	98.9	99.0	99.0	99.2	99.3	99.3	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

5950

USAF ETAC

FORM
101-64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

15247

WILLIAMS LAKE AFB DAY APT

01-65

YEAR

1966

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	51.9	52.7	53.3	53.1	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 18000	57.7	57.6	58.3	57.7	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 16000	58.1	59.0	59.3	59.3	59.6	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 14000	60.7	61.0	61.4	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 12000	63.9	64.8	65.1	65.3	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 10000	69.1	70.0	70.4	70.6	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 9000	71.0	71.9	72.3	72.5	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 8000	74.4	75.3	75.7	76.0	76.1	76.1	76.2	76.3	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 7000	77.1	78.0	78.4	78.7	78.8	78.8	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0
≥ 6000	78.9	79.9	80.3	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9
≥ 5000	82.0	83.8	84.2	84.5	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4500	83.2	84.3	84.9	85.2	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4000	86.9	88.3	88.7	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500	87.7	89.1	89.6	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3000	90.0	92.2	92.7	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	91.0	93.4	94.0	94.4	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	92.9	94.7	95.3	95.6	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	93.0	94.8	95.3	95.7	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	93.4	95.3	95.9	96.3	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	93.9	95.7	96.4	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	94.1	96.0	96.7	97.1	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	94.2	96.2	96.9	97.2	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	94.2	96.2	97.0	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	94.3	96.3	97.1	97.5	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	94.3	96.3	97.2	97.6	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	94.3	96.6	97.3	97.8	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	94.3	96.6	97.4	97.9	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300	94.3	96.6	97.4	97.9	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	94.3	96.6	97.4	98.0	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100	94.3	96.6	97.4	98.0	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 0	94.3	96.6	97.4	98.0	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS

3921

USAF ETAC

FORM
JUL 64

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

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE ENGINEERING

CEILING VERSUS VISIBILITY

75247
STATION

WILLIAMS LAKE S C MT APT
STATION NAME

01-60
YEARS

YEARS

11 P
MON

LL
HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING ≥ 20000	47.4	47.5	47.6	47.6	47.6	47.8	47.9	47.9	47.9	48.0	48.0	48.0	48.2	48.2	48.4	48.5
IV 18000	55.1	55.2	55.3	55.3	55.4	55.4	55.5	55.5	55.6	55.6	55.7	55.7	55.8	55.8	56.1	56.2
IV 16000	55.7	55.9	55.9	56.0	56.1	56.1	56.2	56.2	56.3	56.3	56.4	56.4	56.5	56.5	56.7	56.9
IV 14000	56.2	56.4	56.4	56.5	56.6	56.6	56.7	56.7	56.8	56.8	56.9	56.9	57.0	57.0	57.3	57.4
IV 12000	60.3	60.5	60.5	60.6	60.7	60.7	60.8	60.8	60.9	60.9	61.0	61.0	61.1	61.1	61.3	61.4
IV 10000	65.4	65.5	65.6	65.6	65.7	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.2	66.2	66.4	66.5
IV 8000	72.3	72.7	72.8	72.8	73.0	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.4	73.4	73.6	73.8
IV 7000	74.4	74.9	74.9	74.9	75.1	75.1	75.2	75.2	75.3	75.3	75.4	75.4	75.5	75.5	75.6	75.9
IV 6000	77.3	78.0	78.1	78.1	78.2	78.2	78.4	78.4	78.4	78.5	78.6	78.6	78.7	78.7	79.0	79.2
IV 5000	80.6	81.2	81.2	81.3	81.4	81.4	81.6	81.6	81.6	81.7	81.8	81.8	81.9	81.9	82.2	82.4
IV 4500	82.6	83.2	83.2	83.2	83.4	83.4	83.6	83.6	83.6	83.8	83.8	83.8	84.0	84.0	84.3	84.4
IV 4000	85.7	86.3	86.3	86.4	86.5	86.5	86.8	86.8	86.8	86.9	87.0	87.0	87.1	87.1	87.4	87.5
IV 3500	86.3	86.9	87.0	87.0	87.2	87.2	87.4	87.4	87.4	87.6	87.6	87.6	87.8	87.8	88.1	88.2
IV 3000	88.9	89.5	89.5	89.7	89.8	89.9	90.1	90.1	90.1	90.2	90.3	90.3	90.5	90.5	90.7	90.9
IV 2500	90.3	90.3	90.3	90.4	90.6	90.6	90.8	90.8	90.8	91.0	91.0	91.0	91.2	91.2	91.5	91.6
IV 2000	91.7	91.6	91.7	91.7	91.9	92.0	92.2	92.2	92.2	92.4	92.4	92.4	92.6	92.6	92.9	93.1
IV 1800	92.3	92.3	92.3	92.3	92.5	92.5	92.7	92.7	92.7	92.9	92.9	92.9	93.1	93.1	93.4	93.5
IV 1500	93.0	93.3	93.3	93.3	93.5	93.5	93.7	93.7	93.7	93.9	93.9	93.9	94.1	94.1	94.4	94.5
IV 1200	93.5	93.5	93.5	93.5	93.7	93.7	93.9	93.9	93.9	94.1	94.1	94.1	94.3	94.3	94.6	94.7
IV 1000	93.8	93.8	93.8	93.8	94.0	94.0	94.2	94.2	94.2	94.4	94.4	94.4	94.6	94.6	94.9	95.0
IV 900	94.3	94.3	94.3	94.3	94.5	94.5	94.7	94.7	94.7	94.9	94.9	94.9	95.1	95.1	95.4	95.5
IV 800	94.6	94.6	94.6	94.6	94.8	94.8	95.0	95.0	95.0	95.2	95.2	95.2	95.4	95.4	95.7	95.8
IV 700	94.8	94.8	94.8	94.8	95.0	95.0	95.2	95.2	95.2	95.4	95.4	95.4	95.6	95.6	95.9	96.0
IV 600	94.9	94.9	94.9	94.9	95.1	95.1	95.3	95.3	95.3	95.5	95.5	95.5	95.7	95.7	96.0	96.1
IV 500	95.0	95.0	95.0	95.0	95.2	95.2	95.4	95.4	95.4	95.6	95.6	95.6	95.8	95.8	96.1	96.2
IV 400	95.1	95.1	95.1	95.1	95.3	95.3	95.5	95.5	95.5	95.7	95.7	95.7	95.9	95.9	96.2	96.3
IV 300	95.2	95.2	95.2	95.2	95.4	95.4	95.6	95.6	95.6	95.8	95.8	95.8	96.0	96.0	96.3	96.4
IV 200	95.3	95.3	95.3	95.3	95.5	95.5	95.7	95.7	95.7	95.9	95.9	95.9	96.1	96.1	96.4	96.5
IV 100	95.4	95.4	95.4	95.4	95.6	95.6	95.8	95.8	95.8	96.0	96.0	96.0	96.2	96.2	96.5	96.6
IV 0	95.5	95.5	95.5	95.5	95.7	95.7	95.9	95.9	95.9	96.1	96.1	96.1	96.3	96.3	96.6	96.7

TOTAL NUMBER OF OBSERVATIONS

5760

USAF ETAC FORM 10-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR EAT EX SERVICE/AC

CEILING VERSUS VISIBILITY

25247

WILLIAMS LAKE AFB, ID

61-63

YEARS

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

44

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	37.2	37.8	37.8	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 20000	45.9	45.1	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 18000	46.0	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 16000	47.2	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 14000	51.6	51.8	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 12000	57.2	57.4	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
≥ 10000	65.2	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 9000	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 8000	72.3	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 7000	76.2	76.3	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
≥ 6000	77.9	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 5000	80.7	81.2	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4500	81.2	81.6	81.7	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4000	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	85.0	85.1	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000	87.0	87.2	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2500	88.2	88.2	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 500	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 400	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 300	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 200	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 100	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4

TOTAL NUMBER OF OBSERVATIONS

395

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AT: PROFESSOR. DIVISION
USAF: ETA
CIR: EAST OF WILSON

CEILING VERSUS VISIBILITY

75247 - ILLINOIS STATE DEPT. OF AGR.

41-251

16.56°

2000

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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[illegible]

TOTAL NUMBER OF OBSERVATIONS

5760

USAF ETAC 0-14.5 (OL) 1964

DATA PROCESSING DIVISION
USAF ETAP
AIR FORT MONTELEONE, TEXAS

CEILING VERSUS VISIBILITY

[illegible]

61-63

482

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PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

[illegible]

TOTAL NUMBER OF OBSERVATIONS

5732

USAF ETAC

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0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

15267

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(1) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 10

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TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

6298
100 6298

0.14.5 (Oct 1)

† <http://www.elsevier.com/locate/jbiotec>

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25247 WILLIAMS LAKE AFB G. INT. APT

61-69

06-4

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	0.0	30.9	30.9	31.2	31.2	31.3	31.2	31.7	41.7	31.7	31.7	31.7	32.0	32.1	32.1	33.2
≥ 20000	14.8	35.1	35.1	35.3	35.5	35.5	35.5	35.7	35.9	35.9	35.9	35.9	36.2	36.3	37.0	37.4
≥ 18000	35.1	35.3	35.3	35.6	35.8	35.8	36.0	36.2	36.2	36.2	36.2	36.3	36.4	36.6	37.2	37.6
≥ 16000	35.3	35.8	35.8	36.0	36.2	36.2	36.4	36.6	36.6	36.6	36.6	36.7	36.8	37.0	37.6	38.0
≥ 14000	36.7	37.0	37.0	37.2	37.4	37.4	37.6	37.7	37.8	37.8	37.8	37.9	38.0	38.2	38.8	39.2
≥ 12000	42.5	42.7	42.7	43.1	43.1	43.1	43.4	43.5	43.5	43.5	43.5	43.7	43.8	44.0	44.0	45.0
≥ 10000	49.3	49.7	49.7	50.0	50.1	50.1	50.4	50.5	50.5	50.5	50.5	50.7	50.8	50.9	51.4	52.3
≥ 9000	52.8	53.4	53.4	53.6	53.7	53.7	54.0	54.2	54.2	54.2	54.2	54.3	54.4	54.6	55.2	55.5
≥ 8000	57.0	57.5	57.5	57.7	57.9	57.9	58.2	58.4	58.3	58.3	58.3	58.5	58.6	58.7	59.4	60.1
≥ 7000	59.0	60.2	60.2	60.5	60.6	60.6	60.9	61.3	61.0	61.0	61.0	61.2	61.3	61.4	62.1	62.8
≥ 6000	63.0	62.1	62.1	62.5	62.6	62.6	62.9	63.3	63.0	63.0	63.0	63.2	63.3	63.4	64.1	64.8
≥ 5000	63.2	64.7	64.7	65.3	65.5	65.5	65.7	65.9	65.9	65.9	65.9	66.1	66.1	66.2	66.9	67.6
≥ 4500	63.0	65.5	65.5	65.9	66.0	66.0	66.3	66.4	66.4	66.4	66.4	66.5	66.7	66.8	67.5	68.1
≥ 4000	63.0	65.0	65.0	65.5	65.7	65.7	66.0	66.1	66.1	66.1	66.1	66.2	66.4	66.5	67.2	67.8
≥ 3500	66.1	68.5	68.5	69.2	69.4	69.4	69.6	69.8	69.8	69.8	69.8	69.9	70.0	70.2	70.8	71.5
≥ 3000	66.1	71.1	71.1	72.0	72.4	72.4	72.7	72.8	72.8	72.8	72.8	73.0	73.1	73.3	73.9	74.6
≥ 2500	69.0	73.0	73.4	74.1	75.3	75.3	75.5	75.7	75.7	75.7	75.7	75.8	75.9	76.1	76.7	77.4
≥ 2000	70.8	74.5	75.0	75.8	77.4	77.6	78.2	78.4	78.4	78.4	78.4	78.5	78.6	78.9	79.4	80.1
≥ 1800	71.4	75.0	75.5	76.3	78.1	78.2	79.0	79.2	79.2	79.2	79.2	79.3	79.4	79.6	80.2	80.9
≥ 1500	72.2	75.2	75.7	77.7	79.6	79.7	80.6	80.8	80.9	81.2	81.2	81.3	81.5	81.6	82.3	82.9
≥ 1200	74.1	74.1	75.6	79.6	81.0	81.9	82.9	83.4	83.6	84.0	84.0	84.1	84.3	84.4	85.1	85.8
≥ 1000	75.3	80.1	80.8	82.0	84.4	84.5	85.3	86.1	86.4	86.8	87.1	87.4	87.5	87.6	88.4	89.1
≥ 900	75.7	80.2	80.9	82.1	84.4	84.7	85.9	86.5	86.7	87.1	87.4	87.6	87.8	87.9	88.7	89.4
≥ 800	75.1	80.8	81.5	82.7	84.7	85.2	86.0	87.2	87.4	88.0	88.6	88.9	89.0	89.1	89.9	90.5
≥ 700	75.2	81.3	82.0	83.2	85.5	85.8	87.1	87.8	87.9	89.1	89.8	90.1	90.2	90.5	91.3	91.9
≥ 600	76.5	81.5	82.5	83.7	86.0	86.3	88.0	88.7	88.8	90.1	91.0	91.3	91.4	91.7	92.5	93.1
≥ 500	76.5	81.6	82.7	83.9	86.4	86.7	88.4	89.5	89.7	91.1	92.1	92.3	92.7	93.0	93.9	94.5
≥ 400	76.5	82.0	83.1	84.3	86.8	87.1	88.8	90.1	90.2	91.7	93.0	93.3	93.7	94.0	94.8	95.4
≥ 300	76.0	82.8	83.9	85.1	87.6	87.9	89.8	91.4	91.5	93.3	94.6	94.9	95.6	95.8	96.6	97.3
≥ 200	76.6	82.8	84.0	85.2	87.8	88.0	89.9	91.9	91.7	93.8	95.2	95.4	96.2	96.5	97.3	98.1
≥ 100	76.0	82.4	84.0	85.2	87.8	88.0	90.2	91.8	91.9	94.4	95.7	96.0	97.4	97.7	98.9	99.7
≥ 0	76.0	82.8	84.0	85.2	87.8	88.0	90.2	91.8	91.9	94.4	95.7	96.0	97.4	97.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC 0-14.5 (OL 1)

IF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR FATER SERVICE/100

CEILING VERSUS VISIBILITY

75247
STATION

101145 LKX 10 17 17
STATION NAME

01-62
YEAR

YEAR

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	23.2	23.7	23.7	23.8	23.9	23.9	24.0	24.0	24.2	24.2	24.2	24.2	24.2	24.3	24.3	24.4
≥ 20000	26.1	26.5	26.5	26.6	26.7	26.7	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.2	27.2	27.4
≥ 18000	26.2	26.6	26.6	26.7	26.7	26.9	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.3	27.3	27.4
≥ 16000	26.3	26.7	26.7	26.9	27.0	27.0	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.4	27.4	27.7
≥ 14000	28.4	28.8	28.8	28.9	29.1	29.0	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.4	29.4	29.7
≥ 12000	32.9	33.5	33.5	33.6	33.7	33.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.1	34.1	34.4
≥ 10000	35.7	40.2	40.2	40.5	40.6	40.6	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.3
≥ 9000	43.5	44.4	44.4	44.5	44.6	44.6	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.2	45.2	45.4
≥ 8000	46.7	49.5	49.5	49.9	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.7
≥ 7000	52.8	54.3	54.3	54.6	54.7	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.4
≥ 6000	55.1	56.6	56.6	56.9	57.0	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.7
≥ 5000	59.4	61.2	61.2	61.7	61.8	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.5
≥ 4500	59.9	61.7	61.7	62.2	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.8	63.0
≥ 4000	63.7	65.6	65.6	66.4	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	67.2
≥ 3500	64.8	66.7	66.7	67.3	67.6	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.3
≥ 3000	67.6	69.9	69.9	70.3	71.1	71.1	71.2	71.2	71.8	71.8	71.8	71.8	71.8	71.9	71.9	72.2
≥ 2500	70.5	72.8	72.8	73.2	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.9
≥ 2000	70.3	73.4	73.4	73.7	74.1	74.1	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.9
≥ 1800	70.4	73.8	73.8	74.2	74.5	74.5	74.7	74.7	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.3
≥ 1500	72.7	75.6	75.6	76.0	76.3	76.3	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.8	76.8	77.1
≥ 1200	73.8	78.3	78.3	78.8	79.1	79.1	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.9
≥ 1000	74.2	79.3	79.3	80.1	81.5	81.5	82.3	82.3	82.7	82.7	82.7	82.7	82.7	82.8	82.8	83.1
≥ 900	74.6	79.7	79.7	80.5	81.9	81.9	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.7
≥ 800	74.8	80.0	80.0	80.8	82.1	82.1	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.8	83.8	84.1
≥ 700	74.9	80.2	80.2	81.0	82.4	82.4	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.4
≥ 600	75.3	81.2	81.2	82.1	83.5	83.5	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.5
≥ 500	75.5	81.6	81.6	82.3	83.9	83.9	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.9	85.9	86.2
≥ 400	75.5	81.6	81.6	82.3	83.9	83.9	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.9	85.9	86.2
≥ 300	75.7	82.0	82.0	83.1	84.9	84.9	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.4
≥ 200	75.7	82.0	82.0	83.1	84.9	84.9	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.4
≥ 100	75.7	82.0	82.0	83.1	84.9	84.9	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.4
≥ 0	75.7	82.0	82.0	83.1	84.9	84.9	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.4

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

FORM

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

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/MAC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE CO. DIST. APT
STATION NAME

61-60
YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	20.4	20.4	20.4	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
IV 20000	20.4	27.3	27.3	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
IV 18000	27.3	27.7	27.7	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
IV 16000	28.3	28.5	28.5	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
IV 14000	31.2	31.7	31.7	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
IV 12000	35.4	35.7	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
IV 10000	42.2	42.7	42.7	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
IV 9000	46.3	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 8000	51.7	52.4	52.4	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 7000	54.6	55.4	55.4	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	55.8	56.9	57.0	57.4	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 5000	61.2	62.4	62.5	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 4500	62.1	63.4	63.4	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 4000	65.7	67.4	67.6	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 3500	66.8	68.4	68.7	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 3000	70.2	72.0	72.3	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 2500	71.2	73.4	73.8	75.0	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 2000	73.4	75.5	77.0	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 1800	73.9	77.0	77.6	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 1500	74.0	78.1	78.6	80.0	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 1200	75.5	79.4	80.1	81.6	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 1000	75.8	80.1	80.8	82.4	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 900	76.3	80.7	81.9	83.5	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 800	76.4	81.6	82.5	84.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 700	76.9	81.6	82.5	84.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 600	77.4	82.8	83.7	85.5	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 500	77.6	83.6	84.5	86.3	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 400	77.6	83.7	84.7	86.4	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 300	77.6	83.7	84.8	86.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 200	77.6	83.7	84.8	86.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 100	77.6	83.7	84.8	86.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 0	77.6	83.7	84.8	86.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

FORM 10-54

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR ENTER SERVICE/DOC

CEILING VERSUS VISIBILITY

25247

WILLIAMS LAKE M C BPT APT

01-60

YEARS

V.M.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING	26.6	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 20000	36.6	37.3	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 18000	37.1	37.3	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 16000	37.6	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 14000	40.7	41.1	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
≥ 12000	44.9	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 10000	53.8	54.3	54.4	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
≥ 9000	57.4	58.1	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 8000	60.8	61.7	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 7000	63.0	64.1	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 6000	65.7	66.8	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 5000	67.3	68.8	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 4500	68.4	69.8	70.0	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
≥ 4000	72.4	74.1	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 3500	73.4	75.0	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3000	77.7	79.3	79.6	79.8	80.0	80.2	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5
≥ 2500	78.8	80.9	81.3	81.6	82.0	82.1	82.4	82.5	82.5	82.8	82.9	83.1	83.1	83.1	83.1	83.1
≥ 2000	79.4	81.7	82.3	82.8	83.2	83.3	83.9	84.3	84.3	84.5	84.7	84.8	84.8	84.8	84.8	84.8
≥ 1800	80.0	82.3	82.8	83.3	83.9	84.3	84.7	84.8	85.1	85.3	85.5	85.6	85.6	85.6	85.6	85.6
≥ 1500	81.4	82.9	83.6	84.3	85.3	85.8	86.4	86.7	87.0	87.4	87.5	87.6	87.6	87.6	87.6	87.6
≥ 1200	81.5	84.5	85.2	86.2	87.2	87.6	88.6	89.1	89.4	89.9	90.1	90.2	90.2	90.2	90.2	90.2
≥ 1000	81.6	84.8	85.6	86.7	88.0	88.4	89.7	90.5	91.0	91.9	92.1	92.2	92.2	92.2	92.2	92.3
≥ 900	82.0	85.3	86.2	87.2	88.6	89.0	90.2	91.1	91.7	92.9	93.0	93.1	93.1	93.1	93.1	93.3
≥ 800	82.3	85.8	86.6	87.6	89.0	89.4	90.7	91.7	92.2	93.7	94.8	94.9	95.3	95.7	95.7	95.4
≥ 700	82.4	86.8	87.6	88.6	89.9	89.9	91.3	92.2	92.7	94.2	95.7	95.8	96.4	96.8	96.6	97.0
≥ 600	82.4	86.2	87.0	88.2	89.7	90.1	91.7	92.6	93.1	94.8	96.2	96.5	97.2	97.6	97.7	98.2
≥ 500	82.5	86.4	87.2	88.4	90.1	90.5	92.2	93.3	93.8	95.4	96.9	97.2	98.0	98.4	98.5	99.3
≥ 400	82.5	86.6	87.4	88.6	90.2	90.6	92.3	93.4	94.0	95.7	97.2	97.4	98.5	99.1	99.6	99.9
≥ 300	82.5	86.6	87.4	88.6	90.2	90.6	92.3	93.4	94.0	95.7	97.2	97.4	98.5	99.1	99.7	100.0
≥ 200	82.5	86.6	87.4	88.6	90.2	90.6	92.3	93.4	94.0	95.7	97.2	97.4	98.5	99.1	99.7	100.0
≥ 100	82.5	86.6	87.4	88.6	90.2	90.6	92.3	93.4	94.0	95.7	97.2	97.4	98.5	99.1	99.7	100.0
≥ 0	82.5	86.6	87.4	88.6	90.2	90.6	92.3	93.4	94.0	95.7	97.2	97.4	98.5	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25247
STATION

ILLIAMS LAKE AFB APT
STATION NAME

61-42
YEAR

100
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .4	≥ .3	≥ .25	≥ .2	≥ .15	≥ 0
NO CEILING	27.4	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
≥ 20000	26.7	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 18000	27.1	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 16000	27.6	27.9	27.9	27.9	27.9	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 14000	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 12000	45.0	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 10000	53.0	53.4	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
≥ 9000	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 8000	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 7000	64.4	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 6000	65.1	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 5000	69.4	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4500	70.2	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 4000	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 3500	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 3000	80.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	81.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	83.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1800	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1500	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1200	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1000	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 900	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 800	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 700	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 600	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 500	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 400	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 300	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 200	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 100	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

FORM
10-64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE AFB, IDAHO
STATION NAME

61-68
YEARS

YEARS

MONTH
1900-2000

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000
HOURS

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	35.2	33.3	35.5	35.5	35.5	35.3	36.2	36.3	36.3	37.0	37.1	37.1	37.6	37.6	38.2	38.3
≥ 20000	38.0	38.7	38.8	39.0	39.1	39.1	39.2	39.7	39.7	40.3	40.3	40.5	41.0	41.0	41.5	41.7
IV 18000	38.0	39.0	39.1	39.2	39.4	39.4	39.9	39.9	40.6	40.7	40.7	41.3	41.3	41.3	41.7	41.9
IV 16000	39.4	39.3	39.7	39.8	39.9	39.3	40.3	40.5	40.5	41.1	41.3	41.3	41.8	41.8	42.3	42.5
IV 14000	42.0	42.7	42.9	43.7	43.1	43.1	43.5	43.7	43.7	44.4	44.5	44.5	45.0	45.0	45.0	45.7
IV 12000	43.4	43.8	43.7	45.4	46.0	46.0	46.4	46.5	46.5	47.2	47.3	47.3	47.8	47.8	48.4	48.5
IV 10000	52.0	52.2	52.3	52.4	52.6	52.6	53.6	53.3	53.1	53.1	53.8	53.9	53.9	54.4	55.0	55.1
IV 9000	54.0	54.7	54.8	55.1	55.1	55.1	55.5	55.6	55.6	56.3	56.5	56.5	57.0	57.0	57.7	57.8
IV 8000	57.1	57.3	57.4	57.5	57.7	57.7	58.2	58.3	58.3	59.0	59.1	59.1	59.7	59.7	60.3	60.5
IV 7000	59.1	59.4	59.5	59.7	59.8	59.8	60.3	60.3	60.5	61.2	61.3	61.3	61.8	61.8	62.5	62.6
IV 6000	61.4	61.7	61.8	62.0	62.1	62.1	62.6	62.8	62.8	63.4	63.6	63.6	64.1	64.1	64.8	64.9
IV 5000	66.3	66.4	66.7	67.1	67.3	67.3	67.7	68.0	68.0	68.7	68.8	68.8	69.4	69.4	70.0	70.2
IV 4500	68.0	68.3	68.4	68.8	68.8	68.8	69.4	69.5	69.5	70.2	70.3	70.3	70.8	70.8	71.5	71.7
IV 4000	71.2	71.9	72.0	72.2	72.4	72.4	72.4	73.0	73.1	73.1	73.6	73.9	73.9	74.5	75.1	75.3
IV 3500	71.4	72.0	72.7	72.8	73.3	73.3	73.8	73.9	73.9	74.6	74.7	74.7	75.3	75.3	75.9	76.1
IV 3000	75.0	76.7	77.3	77.6	78.0	78.0	78.5	78.6	78.6	79.4	79.6	79.6	80.1	80.1	80.8	80.9
IV 2500	75.3	76.2	76.8	76.3	80.0	80.0	80.5	80.6	80.6	81.5	81.6	81.6	82.1	82.1	82.8	82.9
IV 2000	77.0	78.0	81.3	82.0	83.1	83.1	83.4	84.0	84.0	84.9	85.1	85.1	85.6	85.6	86.3	86.4
IV 1800	78.1	78.9	81.6	82.3	83.5	83.5	84.3	84.7	84.7	85.6	85.8	85.8	86.3	86.3	87.0	87.1
IV 1500	78.6	82.0	83.1	83.7	85.1	85.1	86.3	86.6	86.6	87.0	87.9	88.0	88.7	88.6	89.2	89.4
IV 1200	79.0	83.5	84.7	85.3	86.7	86.7	88.0	88.6	88.6	89.9	90.1	90.1	90.6	90.6	91.3	91.4
IV 1000	80.2	84.4	85.6	86.3	87.0	87.6	89.2	89.9	90.2	92.3	92.6	92.6	93.1	93.1	93.9	94.0
IV 900	80.8	84.7	85.9	86.6	87.9	87.9	89.7	90.3	90.7	92.9	93.1	93.1	93.7	93.7	94.4	94.5
IV 800	80.9	84.7	86.0	86.7	88.0	88.0	89.9	90.6	91.0	93.3	94.0	94.1	94.6	94.6	95.4	95.6
IV 700	80.8	85.1	86.4	87.2	88.6	88.6	90.3	91.1	91.3	94.0	94.6	94.8	95.3	95.3	96.1	96.2
IV 600	80.9	85.3	86.7	87.5	89.0	89.0	90.9	91.5	91.9	94.4	95.2	95.3	95.8	95.8	96.6	96.8
IV 500	81.5	86.0	87.4	88.2	89.8	89.8	91.7	92.3	92.7	95.3	96.4	96.6	97.2	97.2	98.0	98.1
IV 400	81.7	86.4	87.8	88.6	90.2	90.2	92.2	92.9	93.3	95.8	97.0	97.2	97.8	97.8	98.7	98.8
IV 300	81.7	86.6	87.9	88.7	90.3	90.3	92.3	93.0	93.4	96.0	97.2	97.4	98.0	98.0	98.8	98.9
IV 200	81.7	86.6	87.9	88.7	90.3	90.3	92.3	93.0	93.4	96.0	97.2	97.4	98.0	98.0	98.8	98.9
IV 100	81.7	86.6	87.9	88.8	90.3	90.3	92.6	93.3	93.7	96.4	97.8	98.1	98.7	98.7	99.9	100.0
IV 0	81.7	86.6	87.9	88.8	90.3	90.3	92.6	93.3	93.7	96.4	97.8	98.1	98.7	98.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR MEATER SERVICE/TAC

CEILING VERSUS VISIBILITY

28247
STATION

WILLIAMS LAKE AFB DUT APT
STATION NAME

61-64
YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
NOTES

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	35.2	35.5	35.5	35.4	35.6	35.6	36.0	36.0	36.0	36.3	36.3	36.6	36.6	36.6	37.6	37.6
IV 20000	40.2	40.6	40.6	40.7	40.7	40.7	41.1	41.1	41.1	41.4	41.4	41.4	41.7	41.7	42.7	42.9
IV 18000	40.6	41.0	41.0	41.1	41.1	41.1	41.5	41.5	41.5	41.8	41.8	41.8	42.1	42.1	43.1	43.3
IV 16000	41.3	41.7	41.7	41.8	41.8	41.8	42.2	42.2	42.2	42.5	42.5	42.5	42.7	42.7	43.8	44.0
IV 14000	42.4	43.3	43.3	43.4	43.4	43.4	43.8	43.8	43.8	44.1	44.1	44.1	44.4	44.4	45.4	45.6
IV 12000	46.6	47.0	47.0	47.2	47.2	47.2	47.6	47.6	47.6	47.8	47.8	47.8	48.1	48.1	49.2	49.3
IV 10000	51.7	52.6	52.6	52.7	52.7	52.7	53.1	53.1	53.1	53.4	53.4	53.4	53.6	53.6	54.7	54.8
IV 9000	54.6	55.5	55.5	55.6	55.6	55.6	56.0	56.0	56.0	56.3	56.3	56.3	56.6	56.6	57.7	57.8
IV 8000	56.7	57.9	57.9	58.2	58.2	58.2	58.7	58.7	58.7	59.0	59.0	59.0	59.3	59.3	60.3	60.5
IV 7000	58.7	59.9	59.9	60.2	60.2	60.2	60.8	60.8	60.8	61.0	61.0	61.0	61.3	61.3	62.4	62.5
IV 6000	61.6	62.9	62.9	63.2	63.2	63.2	63.7	63.7	63.7	64.0	64.0	64.0	64.2	64.2	65.3	65.5
IV 5000	65.1	66.5	66.5	66.8	66.8	66.8	67.3	67.3	67.3	67.6	67.6	67.6	67.9	67.9	69.0	69.1
IV 4500	66.0	67.5	67.5	67.7	67.7	67.7	68.3	68.3	68.3	68.5	68.5	68.5	68.8	68.8	69.9	70.0
IV 4000	69.9	71.9	71.9	72.3	72.3	72.3	72.8	72.8	72.8	73.1	73.1	73.1	73.4	73.4	74.5	74.6
IV 3500	70.4	72.4	72.4	73.0	73.0	73.0	73.5	73.5	73.5	73.8	73.8	73.8	74.1	74.1	75.1	75.3
IV 3000	73.4	75.8	75.8	76.3	76.3	76.3	76.9	76.9	76.9	77.2	77.2	77.2	77.4	77.4	78.5	78.6
IV 2500	73.9	76.9	77.0	77.4	77.4	77.4	78.0	78.0	78.0	78.2	78.2	78.2	78.5	78.5	79.6	79.7
IV 2000	76.5	80.4	80.5	81.3	81.3	81.3	82.0	82.0	82.0	82.3	82.3	82.3	82.5	82.5	83.6	83.7
IV 1800	77.0	81.0	81.2	82.0	82.1	82.1	82.7	82.7	82.7	82.9	82.9	82.9	83.2	83.2	84.3	84.4
IV 1500	77.7	82.4	82.5	83.3	83.7	83.9	84.4	84.4	84.4	84.7	84.7	84.7	85.0	85.0	86.1	86.2
IV 1200	78.4	83.9	84.0	85.2	85.8	85.9	86.7	87.1	87.1	87.9	87.9	87.9	88.3	88.3	89.4	89.5
IV 1000	79.2	84.7	84.8	86.2	86.7	86.8	88.0	88.4	88.4	89.0	89.0	89.0	89.9	89.9	90.9	91.0
IV 900	79.3	84.9	85.1	86.4	87.4	87.5	89.0	89.4	89.4	90.0	90.0	90.0	90.9	90.9	91.9	92.0
IV 800	79.4	85.1	85.2	86.6	87.5	87.6	89.2	90.1	90.1	90.7	90.7	90.7	91.9	91.9	92.9	93.0
IV 700	79.6	85.2	85.3	86.7	87.6	87.8	89.7	90.7	90.7	91.3	91.3	91.3	92.1	92.1	93.7	93.8
IV 600	79.7	85.3	85.5	86.8	87.8	87.9	89.8	90.8	90.8	91.4	91.4	91.4	92.7	92.7	94.5	94.6
IV 500	80.0	85.0	86.2	87.5	88.6	88.7	90.7	91.3	91.3	93.5	93.5	93.5	94.1	94.1	95.8	96.0
IV 400	80.2	86.3	86.4	88.0	89.2	89.4	91.4	91.9	91.9	94.5	94.5	94.5	95.0	95.0	96.9	97.0
IV 300	80.2	86.4	86.6	88.3	89.5	89.7	91.7	92.3	92.3	94.9	94.9	94.9	95.4	95.4	97.3	97.6
IV 200	80.2	86.4	86.6	88.4	89.7	89.8	92.1	92.7	92.7	95.3	95.3	95.3	96.6	96.6	98.5	99.2
IV 100	80.2	86.4	86.6	88.4	89.7	89.8	92.1	92.7	92.7	95.4	95.4	95.4	96.1	96.1	98.8	99.7
IV 0	80.2	86.4	86.6	88.4	89.7	89.8	92.1	92.7	92.7	95.4	95.4	95.4	96.1	96.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE W. CO. MT. APT
STATION NAME

61-68
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0.05	≥ 0
NO CEILING	47.8	48.7	48.8	48.6	48.8	48.8	49.1	49.1	49.1	49.6	49.9	49.9	50.0	50.0	50.1	50.1
≥ 20000	42.2	53.1	53.2	53.2	53.2	53.2	53.3	53.3	53.5	54.0	54.3	54.3	54.4	54.4	54.6	54.6
IV 18000	52.4	53.2	53.4	53.4	53.4	53.4	53.7	53.7	53.7	54.1	54.4	54.4	54.4	54.6	54.7	54.7
IV 16000	52.5	53.4	53.5	53.5	53.5	53.5	53.8	53.8	53.8	54.3	54.6	54.6	54.7	54.7	54.7	54.9
IV 14000	55.3	55.3	56.5	56.5	56.5	56.5	56.8	56.8	56.8	57.2	57.5	57.5	57.7	57.7	57.7	57.8
IV 12000	58.6	59.0	59.7	59.7	59.7	59.7	60.0	60.0	60.0	60.5	60.8	60.8	60.9	60.9	61.1	61.1
IV 10000	65.0	66.2	66.5	66.5	66.5	66.5	66.8	66.8	66.8	67.3	67.6	67.6	67.7	67.7	67.8	67.8
IV 9000	67.7	68.9	69.2	69.2	69.2	69.2	69.5	69.5	69.5	69.9	70.2	70.2	70.4	70.4	70.5	70.5
IV 8000	70.2	71.8	72.1	72.1	72.1	72.1	72.4	72.4	72.4	72.9	73.2	73.2	73.3	73.3	73.5	73.5
IV 7000	73.0	74.9	75.2	75.2	75.4	75.4	75.7	75.7	75.7	76.1	76.4	76.4	76.5	76.5	76.7	76.7
IV 6000	77.1	78.5	78.8	79.1	79.2	79.2	79.5	79.5	79.6	80.1	80.4	80.4	80.5	80.5	80.7	80.7
IV 5000	78.9	80.2	80.5	80.8	81.3	81.3	81.7	81.7	81.7	82.2	82.4	82.4	82.6	82.6	82.7	82.7
IV 4500	79.4	80.7	81.0	81.3	81.7	81.7	82.2	82.2	82.2	82.6	82.9	82.9	83.0	83.0	83.2	83.2
IV 4000	82.0	83.8	84.1	84.4	84.8	84.8	85.3	85.3	85.3	85.7	86.0	86.0	86.1	86.1	86.3	86.3
IV 3500	82.4	84.2	84.5	85.0	85.4	85.4	85.8	85.8	85.8	86.3	86.6	86.6	86.7	86.7	86.9	86.9
IV 3000	83.9	86.1	86.4	86.9	87.3	87.3	87.9	87.9	87.9	88.3	88.6	88.6	88.8	88.8	88.9	88.9
IV 2500	84.2	85.4	86.7	87.3	87.9	87.9	88.3	88.3	88.3	88.8	89.1	89.1	89.2	89.2	89.4	89.4
IV 2000	85.0	88.6	88.9	89.5	90.1	90.1	90.6	90.6	90.6	91.0	91.3	91.3	91.4	91.4	91.6	91.6
IV 1800	85.0	88.6	88.9	89.5	90.1	90.1	90.6	90.6	90.6	91.0	91.3	91.3	91.4	91.4	91.6	91.6
IV 1500	85.3	89.1	89.5	90.1	91.2	91.2	91.7	91.7	91.7	92.2	92.5	92.5	92.6	92.6	92.8	92.8
IV 1200	85.3	89.1	89.5	90.4	91.7	91.7	92.3	92.3	92.3	93.1	93.4	93.4	93.5	93.5	93.7	93.7
IV 1000	85.3	89.1	89.5	90.4	92.0	92.0	93.2	93.2	93.2	94.1	94.4	94.4	94.5	94.5	94.7	94.7
IV 900	85.3	89.1	89.5	90.4	92.0	92.0	93.2	93.2	93.2	94.1	94.4	94.4	94.5	94.5	94.7	94.7
IV 800	85.3	89.1	89.7	90.6	92.2	92.2	93.3	93.3	93.3	94.4	94.7	94.7	94.8	94.8	95.0	95.0
IV 700	85.4	89.2	89.8	90.7	92.3	92.3	93.7	93.7	93.7	94.5	94.8	94.8	95.0	95.0	95.1	95.1
IV 600	85.4	89.4	90.0	90.9	92.8	92.8	94.1	94.1	94.1	95.1	95.4	95.4	95.6	95.6	95.7	95.7
IV 500	85.4	89.4	90.0	90.9	93.1	93.1	94.5	94.5	94.5	95.6	96.0	96.0	96.2	96.2	96.3	96.3
IV 400	85.5	89.5	90.4	91.6	93.8	93.8	95.2	95.2	95.4	96.3	96.9	96.9	97.1	97.1	97.2	97.2
IV 300	85.5	89.5	90.6	91.7	94.0	94.0	95.4	95.6	95.6	96.6	97.1	97.1	97.2	97.2	97.3	97.3
IV 200	85.5	89.5	90.6	91.7	94.1	94.1	95.9	96.0	96.0	97.1	97.5	97.5	97.6	97.6	98.1	98.4
IV 100	85.5	89.5	90.6	91.7	94.1	94.1	95.9	96.0	96.2	97.2	97.6	97.6	98.1	98.1	98.5	99.3
IV 0	85.5	89.5	90.6	91.7	94.1	94.1	95.9	96.0	96.2	97.2	97.6	97.6	98.2	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

678

USAF ETAC

FORM
JUL 64

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EAT FR SERVICE/140

CEILING VERSUS VISIBILITY

5247 JULIA S LAKE 500 FT APT

61-00

YEAR

1st MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	43.7	45.1	45.3	45.4	45.9	45.8	46.0	46.2	46.2	46.6	46.9	46.7	47.1	47.1	47.3	48.1
≥ 20000	46.4	48.2	48.4	48.3	49.0	49.0	49.1	49.3	49.3	49.9	50.0	50.0	50.1	50.1	50.4	51.2
≥ 18000	46.8	48.2	48.4	48.3	49.0	49.0	49.1	49.3	49.3	49.9	50.0	50.0	50.1	50.1	50.4	51.2
≥ 16000	47.2	48.7	48.8	49.1	49.4	49.4	49.0	49.7	49.7	50.3	50.4	50.4	50.6	50.6	50.9	51.6
≥ 14000	49.1	50.6	50.7	50.9	51.3	51.3	51.5	51.8	51.6	52.2	52.4	52.4	52.5	52.5	52.9	53.5
≥ 12000	51.0	53.2	53.4	53.5	54.0	54.0	54.1	54.3	54.3	54.9	55.0	55.0	55.2	55.2	55.5	56.2
≥ 10000	58.8	60.5	60.6	60.8	61.2	61.2	61.4	61.5	61.5	62.2	62.4	62.4	62.5	62.5	62.9	63.6
≥ 9000	61.3	63.1	63.3	63.4	63.9	63.7	64.0	64.2	64.2	64.9	65.0	65.0	65.2	65.2	65.5	66.2
≥ 8000	65.9	67.6	67.8	68.0	68.4	68.4	68.7	68.9	68.9	69.6	69.8	69.8	69.9	69.9	70.2	70.9
≥ 7000	68.1	69.9	70.2	70.4	70.8	70.8	71.1	71.2	71.2	72.0	72.1	72.1	72.3	72.3	72.6	73.3
≥ 6000	70.5	72.3	72.6	72.7	73.2	73.2	73.3	73.6	73.6	74.3	74.5	74.5	74.6	74.6	74.9	75.7
≥ 5000	73.0	75.1	75.4	75.5	76.0	76.0	76.2	76.4	76.4	77.1	77.3	77.3	77.4	77.4	77.7	78.5
≥ 4500	73.7	75.0	76.3	76.4	76.8	76.8	77.1	77.3	77.3	78.0	78.2	78.2	78.3	78.3	78.6	79.4
≥ 4000	76.2	78.9	79.2	79.4	79.8	79.8	80.1	80.2	80.2	81.0	81.1	81.1	81.3	81.3	81.6	82.3
≥ 3500	77.3	79.6	79.9	80.1	80.5	80.5	80.8	81.0	81.0	81.7	81.9	81.9	82.0	82.0	82.3	83.0
≥ 3000	79.9	83.6	84.4	84.5	85.1	85.0	85.3	85.4	85.4	86.1	86.3	86.3	86.4	86.4	86.7	87.5
≥ 2500	83.2	84.1	84.4	85.1	85.5	85.5	85.8	86.0	86.0	86.7	86.9	86.9	87.0	87.0	87.3	88.1
≥ 2000	86.8	86.2	86.7	87.0	87.6	87.6	88.2	88.3	88.3	89.1	89.2	89.2	89.4	89.4	89.7	90.4
≥ 1800	88.1	88.1	87.0	87.3	88.1	88.1	88.6	88.8	88.8	89.5	89.7	89.7	89.8	89.8	90.1	90.9
≥ 1500	88.1	86.7	87.8	88.2	89.2	89.2	89.8	90.0	90.0	90.7	90.9	90.9	91.0	91.0	91.3	92.0
≥ 1200	88.1	87.0	88.2	88.6	90.3	90.3	91.0	91.2	91.2	91.9	92.2	92.2	92.3	92.3	92.6	93.4
≥ 1000	88.1	87.0	88.2	88.6	90.7	90.7	91.7	91.9	91.9	92.6	93.1	93.1	93.2	93.2	93.5	94.2
≥ 900	88.1	87.2	88.3	88.8	91.0	91.0	92.0	92.3	92.3	93.1	93.5	93.5	93.7	93.7	94.0	94.7
≥ 800	88.1	87.6	88.8	89.2	91.4	91.4	92.3	92.8	92.8	93.7	94.1	94.1	94.2	94.2	94.5	95.3
≥ 700	88.1	87.6	88.9	89.4	91.7	91.7	92.9	93.2	93.2	94.1	94.5	94.5	94.7	94.7	95.0	95.7
≥ 600	88.1	87.8	89.4	89.8	92.2	92.2	94.1	94.4	94.4	95.3	95.7	95.7	95.9	95.9	96.2	96.9
≥ 500	88.1	87.8	89.4	89.8	92.2	92.2	94.1	94.4	94.4	95.3	95.7	95.7	95.9	95.9	96.2	96.9
≥ 400	88.1	87.8	89.4	89.8	92.2	92.2	94.1	94.4	94.4	95.3	95.7	95.7	95.9	95.9	96.2	96.9
≥ 300	88.1	87.8	89.4	89.8	92.2	92.2	94.1	94.4	94.4	95.3	95.7	95.7	95.9	95.9	96.2	96.9
≥ 200	88.1	87.8	89.4	89.8	92.2	92.2	94.1	94.4	94.4	95.3	95.7	95.7	95.9	95.9	96.2	96.9
≥ 100	88.1	87.8	89.4	89.8	92.2	92.2	94.1	94.4	94.4	95.3	95.7	95.7	95.9	95.9	96.2	96.9
≥ 0	88.1	87.8	89.4	89.8	92.2	92.2	94.1	94.4	94.4	95.3	95.7	95.7	95.9	95.9	96.2	96.9

TOTAL NUMBER OF OBSERVATIONS

678

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

DATA PROCESSING DIVISION
USAF ETAC
AIR SEATER SERVICE/AFAC

CEILING VERSUS VISIBILITY

25267
STATION

WILLIAMS LAKE B.C. INT. APT
STATION NAME

61-68
YEARS

YEARS

FLH
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	36.8	39.5	39.8	39.8	40.0	40.0	40.1	40.1	40.1	40.6	40.6	40.6	40.6	41.2	41.2	41.2
≥ 20000	42.2	43.1	43.4	43.4	43.5	43.5	43.7	43.7	43.7	44.1	44.1	44.1	44.1	44.6	45.0	45.7
≥ 18000	42.2	43.1	43.4	43.4	43.5	43.5	43.7	43.7	43.7	44.1	44.1	44.1	44.1	44.6	45.0	45.7
≥ 16000	42.2	43.1	43.4	43.4	43.5	43.5	43.7	43.7	43.7	44.1	44.1	44.1	44.1	44.6	45.0	45.7
≥ 14000	44.1	44.8	45.1	45.1	45.3	45.3	45.4	45.4	45.4	45.9	45.9	45.9	45.9	46.6	46.8	47.5
≥ 12000	47.8	48.5	48.8	48.8	49.0	49.0	49.1	49.1	49.1	49.6	49.6	49.6	49.6	50.3	50.4	51.2
≥ 10000	55.0	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.4	57.4	57.4	57.4	58.1	58.3	59.0
≥ 9000	58.1	58.8	59.1	59.1	59.3	59.3	59.4	59.4	59.4	59.9	59.9	59.9	59.9	60.6	60.8	61.5
≥ 8000	64.0	64.7	65.0	65.0	65.2	65.2	65.3	65.3	65.3	65.8	65.8	65.8	65.8	66.5	66.7	67.4
≥ 7000	67.4	68.0	68.9	68.9	69.3	69.3	69.6	69.6	69.6	69.9	69.9	69.9	69.9	70.4	70.5	71.2
≥ 6000	70.2	70.9	71.2	71.2	71.4	71.4	71.5	71.5	71.5	71.9	71.9	71.9	71.9	72.7	72.9	73.6
≥ 5000	74.2	75.2	75.3	75.3	75.7	75.7	75.8	75.8	75.8	76.4	76.4	76.4	76.4	77.1	77.3	78.0
≥ 4500	75.1	76.0	76.3	76.3	76.4	76.4	76.5	76.5	76.5	77.1	77.1	77.1	77.1	77.9	78.0	78.8
≥ 4000	76.4	76.5	76.6	76.6	76.8	76.8	76.9	76.9	76.9	77.5	77.5	77.5	77.5	78.2	78.4	79.1
≥ 3500	77.1	78.0	78.9	78.9	79.1	79.1	79.2	79.2	79.2	79.8	79.8	79.8	79.8	80.5	80.7	81.4
≥ 3000	78.9	80.5	81.0	81.3	82.0	82.0	82.2	82.2	82.2	82.7	82.7	82.7	82.7	83.5	83.6	84.7
≥ 2500	79.1	81.1	81.6	81.7	82.6	82.6	82.9	82.9	82.9	83.5	83.5	83.5	83.5	84.2	84.4	85.4
≥ 2000	80.1	82.9	83.3	83.9	84.7	84.7	85.3	85.4	85.4	86.0	86.0	86.0	86.0	86.7	86.9	87.9
≥ 1800	80.4	83.3	83.8	84.4	85.3	85.3	85.8	86.0	86.0	86.6	86.6	86.6	86.6	87.3	87.5	88.5
≥ 1500	80.8	84.1	84.5	85.1	86.1	86.1	86.7	86.9	86.9	87.5	87.5	87.5	87.5	88.2	88.3	89.3
≥ 1200	81.4	84.7	85.1	85.7	86.7	86.7	87.8	88.1	88.1	88.9	88.9	88.9	88.9	89.7	89.8	90.8
≥ 1000	82.2	85.4	85.8	86.5	87.8	87.8	88.8	89.1	89.2	90.6	90.6	90.6	90.6	91.6	91.7	92.9
≥ 900	82.2	85.4	85.8	86.6	87.8	87.8	88.8	89.1	89.2	90.6	90.6	90.6	90.6	91.6	91.7	92.9
≥ 800	82.2	85.4	85.8	86.6	87.8	87.8	88.8	89.1	89.2	90.6	90.6	90.6	90.6	91.6	91.7	92.9
≥ 700	82.2	85.4	85.8	86.6	87.8	87.8	88.8	89.1	89.2	90.6	90.6	90.6	90.6	91.6	91.7	92.9
≥ 600	82.2	85.4	85.8	86.6	87.8	87.8	88.8	89.1	89.2	90.6	90.6	90.6	90.6	91.6	91.7	92.9
≥ 500	82.2	85.4	85.8	86.6	87.8	87.8	88.8	89.1	89.2	90.6	90.6	90.6	90.6	91.6	91.7	92.9
≥ 400	82.2	85.4	85.8	86.6	87.8	87.8	88.8	89.1	89.2	90.6	90.6	90.6	90.6	91.6	91.7	92.9
≥ 300	82.2	85.4	85.8	86.6	87.8	87.8	88.8	89.1	89.2	90.6	90.6	90.6	90.6	91.6	91.7	92.9
≥ 200	82.2	85.4	85.8	86.6	87.8	87.8	88.8	89.1	89.2	90.6	90.6	90.6	90.6	91.6	91.7	92.9
≥ 100	82.2	85.4	85.8	86.6	87.8	87.8	88.8	89.1	89.2	90.6	90.6	90.6	90.6	91.6	91.7	92.9
≥ 0	82.2	85.4	85.8	86.6	87.8	87.8	88.8	89.1	89.2	90.6	90.6	90.6	90.6	91.6	91.7	92.9

TOTAL NUMBER OF OBSERVATIONS

618

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

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER SERVICE/AD

CEILING VERSUS VISIBILITY

0247

ELLIS LARK, R. C. POST APT

61-66

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0200-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1.7	≥1.4	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	7.8	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 20000	47.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 18000	47.8	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 16000	48.2	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	49.2
≥ 14000	51.8	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 12000	55.2	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
≥ 10000	61.2	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 9000	65.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 8000	69.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 7000	71.1	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
≥ 6000	72.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	75.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4500	76.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4000	78.0	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
≥ 3500	78.0	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
≥ 3000	81.0	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
≥ 2500	81.0	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
≥ 2000	82.7	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
≥ 1800	83.3	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
≥ 1500	84.7	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
≥ 1200	85.6	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
≥ 1000	86.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 900	86.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 800	86.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 700	86.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 600	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 500	87.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 400	87.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 300	87.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 200	87.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 100	87.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 0	87.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2

TOTAL NUMBER OF OBSERVATIONS

612

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE AFB, IDAHO
FACILITY NAME

61-63

YEAR

1969

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	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING ≥ 20000	76.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
IV 18000	46.2	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 16000	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 14000	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 12000	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 10000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 9000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 8000	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 7000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 6000	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
IV 5000	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 4500	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 4000	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 3500	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 3000	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
IV 2500	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 2000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 1800	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 1500	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 1200	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 900	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 800	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
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	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 500	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
IV 400	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 300	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 200	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 100	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
IV 0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS

575

USAF ETAC

FORM 10-64

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

DATA PROCESSING DIVISION
USAF ETAC
WTR HEADQUARTERS WICKS AFB

CEILING VERSUS VISIBILITY

25267

WILLIAMS LAKE, CALIF. 17 17

01-00

YEAR

1961

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

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	30.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 20000	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 18000	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 16000	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 14000	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
≥ 12000	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
≥ 10000	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 9000	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 8000	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 7000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 5000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4500	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4000	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
≥ 3500	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1500	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1200	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 700	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 600	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 500	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 400	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 300	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 200	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 100	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5

TOTAL NUMBER OF OBSERVATIONS

272

USAF ETAC

FORM

0-14-5 (OL 1) PREVIOUS EDITIONS ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR LEADER DE VILLE/40

CEILING VERSUS VISIBILITY

15247 WILLIAMS LAKE AIRPORT

01-62

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1229-2000

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	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 20000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 18000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 16000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 14000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 12000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 10000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 9000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 8000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 7000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 6000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 5000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 4500	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 4000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 3500	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 3000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 2500	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 2000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 1800	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 1500	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 1200	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 1000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 900	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 800	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 700	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 600	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 500	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 400	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 300	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 200	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 100	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2

TOTAL NUMBER OF OBSERVATIONS

178

USAF ETAC

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

DATA PROCESSING DIVISION
USAF ETAC
AIR LEADERS CENTER

CEILING VERSUS VISIBILITY

15247

WILLIAMS CORP. R. C. INT. INT.

61-58

YEAR

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO CEILING	47.8	47.8	47.8	47.9	47.8	47.8	47.9	48.1	48.1	48.3	48.3	48.4	48.4	48.4	48.4	48.7
≥ 20000	52.4	52.9	52.9	53.1	53.1	53.1	53.1	53.2	53.2	54.0	54.0	54.0	54.0	54.6	54.6	54.7
IV 18000	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.7	53.7	54.4	54.4	54.4	54.4	55.0	55.0	55.3
IV 16000	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.8	53.8	54.6	54.6	54.6	54.6	55.2	55.2	55.5
IV 14000	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.8	55.8	56.5	56.5	56.5	56.5	57.1	57.1	57.4
IV 12000	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.9	57.9	58.6	58.6	58.6	58.6	59.2	59.2	59.5
IV 10000	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.7	67.7	68.4	68.4	68.4	68.4	69.0	69.0	69.3
IV 9000	69.6	69.6	69.6	69.6	69.8	69.8	69.8	69.9	69.9	70.6	70.6	70.6	70.6	71.2	71.2	71.5
IV 8000	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.3	73.3	74.0	74.0	74.0	74.0	74.6	74.6	74.9
IV 7000	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.5	76.5	77.3	77.3	77.3	77.3	77.9	77.9	78.2
IV 6000	78.8	78.8	78.8	78.9	78.9	78.9	78.9	79.1	79.1	79.8	79.8	79.8	79.8	80.4	80.4	80.7
IV 5000	80.7	80.7	81.0	81.1	81.1	81.1	81.1	81.3	81.3	82.0	82.0	82.0	82.0	82.6	82.6	82.9
IV 4500	81.4	81.4	81.7	81.9	81.9	81.9	81.9	82.0	82.0	82.7	82.7	82.7	82.7	83.3	83.3	83.6
IV 4000	83.5	83.5	84.1	84.4	84.5	84.5	84.5	84.7	84.7	85.4	85.4	85.4	85.4	86.0	86.0	86.4
IV 3500	85.0	85.0	85.5	85.7	85.7	85.7	85.7	85.8	85.8	86.6	86.6	86.6	86.6	87.2	87.2	87.5
IV 3000	86.3	86.3	87.0	87.3	87.3	87.3	87.3	87.5	87.5	88.2	88.2	88.2	88.2	88.8	88.8	89.1
IV 2500	87.2	87.2	88.1	88.5	88.5	88.5	88.5	88.6	88.6	89.4	89.4	89.4	89.4	90.0	90.0	90.3
IV 2000	87.5	87.5	88.6	89.4	89.4	89.4	89.4	89.7	89.7	90.4	90.4	90.4	90.4	91.0	91.0	91.3
IV 1800	87.8	87.8	88.8	89.4	89.4	89.4	89.4	89.8	89.8	90.6	90.6	90.6	90.6	91.2	91.2	91.4
IV 1500	88.2	88.2	89.3	90.3	90.3	90.3	90.3	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.2	92.5
IV 1200	88.2	88.2	89.3	90.3	90.3	90.3	90.3	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.2	92.5
IV 1000	88.2	88.2	89.3	90.3	90.3	90.3	90.3	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.2	92.5
IV 900	88.2	88.2	89.3	90.3	90.3	90.3	90.3	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.2	92.5
IV 800	88.2	88.2	89.3	90.3	90.3	90.3	90.3	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.2	92.5
IV 700	88.2	88.2	89.3	90.3	90.3	90.3	90.3	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.2	92.5
IV 600	88.2	88.2	89.3	90.3	90.3	90.3	90.3	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.2	92.5
IV 500	88.2	88.2	89.3	90.3	90.3	90.3	90.3	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.2	92.5
IV 400	88.2	88.2	89.3	90.3	90.3	90.3	90.3	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.2	92.5
IV 300	88.2	88.2	89.3	90.3	90.3	90.3	90.3	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.2	92.5
IV 200	88.2	88.2	89.3	90.3	90.3	90.3	90.3	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.2	92.5
IV 100	88.2	88.2	89.3	90.3	90.3	90.3	90.3	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.2	92.5
IV 0	88.2	88.2	89.3	90.3	90.3	90.3	90.3	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.2	92.5

TOTAL NUMBER OF OBSERVATIONS

578

USAF ETAC FORM 104-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
414 LAFATER DRIVE, AG

CEILING VERSUS VISIBILITY

75247 WILLIAMS LAKE, CALIF. T. 107

01-55

YEAR

WIND

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0700

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	59.4	59.9	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.3	60.5	60.5	60.5	60.5	60.5	60.5
≥ 20000	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4
≥ 18000	64.8	64.9	64.9	64.9	65.2	65.2	65.2	65.2	65.2	65.3	65.5	65.5	65.5	65.5	65.5	65.5
≥ 16000	64.8	64.9	64.9	64.9	65.2	65.2	65.2	65.2	65.2	65.3	65.5	65.5	65.5	65.5	65.5	65.5
≥ 14000	66.0	66.1	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.5	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000	68.3	68.7	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2
≥ 10000	74.1	74.3	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9
≥ 9000	75.0	75.3	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9
≥ 8000	77.4	78.1	78.1	78.1	78.5	78.5	78.5	78.5	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000	80.9	81.2	81.2	81.2	81.6	81.6	81.6	81.6	81.6	81.7	81.9	81.9	81.9	81.9	81.9	81.9
≥ 6000	82.1	82.4	82.4	82.4	82.8	82.8	82.8	82.8	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000	83.9	84.3	84.3	84.3	84.7	84.7	84.7	84.7	84.7	84.8	84.9	85.1	85.1	85.1	85.1	85.1
≥ 4500	84.5	85.1	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000	86.3	87.4	87.4	87.4	87.8	87.8	87.8	87.8	87.8	88.0	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	87.3	88.0	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.6	88.7	88.8	88.8	88.8	88.8	88.8
≥ 3000	88.3	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.4	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500	90.3	91.4	91.4	91.4	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	91.0	92.1	92.1	92.1	93.0	93.0	93.0	93.0	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800	91.3	92.3	92.3	92.3	93.3	93.3	93.3	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	91.6	92.9	93.1	93.1	95.0	95.0	95.0	95.0	95.0	95.6	95.7	95.8	95.8	95.8	95.8	95.8
≥ 1200	92.1	93.5	93.6	94.4	96.1	96.1	97.2	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	92.1	93.5	93.8	94.4	96.1	96.1	97.4	97.7	97.7	97.7	97.8	98.1	98.1	98.1	98.1	98.1
≥ 900	92.1	93.5	93.8	94.4	96.1	96.1	97.4	97.7	97.7	97.7	97.8	98.1	98.1	98.1	98.1	98.1
≥ 800	92.2	93.7	94.0	94.5	96.4	96.4	97.7	98.0	98.0	98.0	98.1	98.4	98.4	98.4	98.4	98.4
≥ 700	92.2	93.7	94.0	94.5	96.4	96.4	97.7	98.0	98.0	98.0	98.1	98.4	98.4	98.4	98.4	98.4
≥ 600	92.2	93.7	94.0	94.5	96.4	96.4	97.7	98.0	98.0	98.0	98.1	98.4	98.4	98.4	98.4	98.4
≥ 500	92.2	93.7	94.0	94.5	96.4	96.4	97.7	98.0	98.0	98.0	98.1	98.4	98.4	98.4	98.4	98.4
≥ 400	92.2	93.7	94.0	94.5	96.4	96.4	97.7	98.0	98.0	98.0	98.1	98.4	98.4	98.4	98.4	98.4
≥ 300	92.3	93.8	94.1	94.6	96.5	96.5	97.8	98.1	98.1	98.1	98.3	98.5	98.5	98.5	98.5	98.5
≥ 200	92.3	93.8	94.1	94.6	96.5	96.5	97.8	98.1	98.1	98.1	98.3	98.5	98.5	98.5	98.5	98.5
≥ 100	92.3	93.8	94.1	94.6	96.5	96.5	98.1	98.4	98.4	98.4	98.5	99.2	99.2	99.2	99.2	99.2
≥ 0	92.3	93.8	94.1	94.6	96.5	96.5	98.1	98.4	98.4	98.4	98.5	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

749

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

DATA PROCESSING DIVISION
USAF ETAC
AIR LEADERS SERVICE/ALC

CEILING VERSUS VISIBILITY

25247

WILLIAMS LAKE, C. DUT APT

01-65

YEARS

26R

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

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	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.2	55.2	55.5	55.5	55.5	55.5
≥ 20000	59.9	59.9	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.2	60.2	60.5	60.5	60.5	60.5
IV 18000	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.3	60.3	60.6	60.6	60.6	60.6
IV 16000	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.5	60.5	60.8	60.8	60.8	60.8
IV 14000	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.9	60.9	61.2	61.2	61.2	61.2
IV 12000	62.8	62.8	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.2	63.2	63.4	63.4	63.4	63.4
IV 10000	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.6	70.6	70.8	70.8	70.8	70.8
IV 9000	71.2	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.8	71.8	72.0	72.0
IV 8000	73.7	73.8	73.8	73.8	73.9	73.9	74.1	74.1	74.1	74.1	74.2	74.2	74.5	74.5	74.5	74.5
IV 7000	76.6	76.9	76.9	76.9	77.0	77.0	77.2	77.2	77.2	77.2	77.3	77.3	77.6	77.6	77.6	77.6
IV 6000	77.8	78.1	78.1	78.1	78.2	78.2	78.4	78.4	78.4	78.4	78.5	78.5	78.8	78.8	78.8	78.8
IV 5000	81.0	81.6	81.6	81.6	81.7	81.7	81.9	81.9	81.9	81.9	82.0	82.0	82.3	82.3	82.3	82.3
IV 4500	81.6	82.1	82.1	82.1	82.3	82.3	82.4	82.4	82.4	82.4	82.5	82.5	82.8	82.8	82.8	82.8
IV 4000	83.5	84.0	84.0	84.0	84.1	84.1	84.3	84.3	84.3	84.3	84.4	84.4	84.7	84.7	84.7	84.7
IV 3500	84.3	85.1	85.1	85.2	85.4	85.3	85.5	85.5	85.5	85.5	85.6	85.6	85.9	85.9	85.9	85.9
IV 3000	85.5	86.4	86.4	86.7	86.8	86.8	87.0	87.0	87.0	87.0	87.1	87.1	87.4	87.4	87.5	87.5
IV 2500	86.4	87.4	87.4	87.6	87.8	87.7	87.9	87.9	87.9	87.9	88.0	88.0	88.3	88.3	88.4	88.4
IV 2000	87.9	89.1	89.1	89.4	89.5	89.5	90.3	90.3	90.3	90.3	90.5	90.6	90.9	90.9	91.0	91.0
IV 1800	88.0	89.2	89.2	89.7	90.1	90.1	90.9	90.9	90.9	90.9	91.0	91.1	91.1	91.4	91.4	91.5
IV 1500	89.1	90.6	90.6	91.1	92.1	92.1	93.1	93.3	93.3	93.3	93.4	93.5	93.8	93.8	94.0	94.0
IV 1200	90.2	92.1	92.1	92.5	94.2	94.2	95.3	95.4	95.4	95.6	95.7	95.7	96.0	96.0	96.1	96.1
IV 1000	90.5	92.2	92.2	92.9	94.8	94.8	96.1	96.4	96.4	96.4	96.9	97.0	97.3	97.3	97.4	97.4
IV 900	90.2	92.3	92.3	93.0	94.9	94.9	96.2	96.5	96.5	96.5	97.0	97.2	97.2	97.4	97.4	97.5
IV 800	90.6	92.6	92.6	93.3	95.2	95.2	96.5	96.8	96.8	96.8	97.3	97.4	97.4	97.7	97.7	97.8
IV 700	90.6	92.6	92.6	93.3	95.3	95.3	96.6	97.0	97.2	97.2	97.7	97.8	97.8	98.1	98.1	98.3
IV 600	90.6	92.6	92.6	93.3	95.4	95.4	96.6	97.2	97.3	97.3	97.8	98.0	98.0	98.3	98.3	98.4
IV 500	90.6	92.6	92.6	93.3	95.4	95.4	96.6	97.2	97.3	97.3	97.8	98.0	98.0	98.3	98.3	98.4
IV 400	90.6	92.6	92.6	93.3	95.4	95.4	96.6	97.2	97.3	97.3	97.8	98.0	98.0	98.3	98.3	98.4
IV 300	90.6	92.7	92.7	93.4	95.6	95.6	96.9	97.3	97.4	97.4	98.0	98.1	98.1	98.8	98.8	99.1
IV 200	90.6	92.7	92.7	93.4	95.6	95.6	96.9	97.3	97.4	97.4	98.0	98.1	98.1	98.8	98.8	99.2
IV 100	90.6	92.7	92.7	93.4	95.6	95.6	96.9	97.3	97.4	97.4	98.0	98.1	98.1	98.8	98.8	99.3
IV 0	90.6	92.7	92.7	93.4	95.6	95.6	96.9	97.3	97.4	97.4	98.0	98.1	98.1	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

FORM 0-145 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
CIP EASTERN SERVICE/AC

CEILING VERSUS VISIBILITY

25247 WILLIAMS LANE AIRPORT

01-68

YEARS

MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0500-0800
NO. OF DAYS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥3/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	42.2	42.3	42.3	42.3	42.5	42.5	42.5	42.7	42.7	42.7	42.7	42.7	42.7	43.0	43.0	43.1
≥ 20000	48.8	48.9	48.9	48.9	49.3	49.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.9	49.9	50.0
≥ 18000	49.1	49.2	49.2	49.2	49.6	49.6	49.6	49.9	49.9	49.9	49.9	49.9	49.9	50.1	50.1	50.3
≥ 16000	49.3	49.3	49.3	49.3	49.9	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.4	50.4	50.5
≥ 14000	51.5	51.6	51.6	51.6	52.0	52.0	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.6	52.6	52.7
≥ 12000	50.9	51.3	51.3	51.3	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	52.2	52.2	52.3
≥ 10000	63.2	63.6	63.6	63.7	64.1	64.1	64.1	64.4	64.5	64.5	64.5	64.5	64.5	64.8	64.8	64.9
≥ 9000	65.4	66.3	66.3	66.4	66.8	66.8	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.6	67.6	67.7
≥ 8000	69.5	70.0	70.0	70.2	70.6	70.6	70.7	71.0	71.1	71.1	71.1	71.1	71.1	71.4	71.4	71.5
≥ 7000	72.2	73.1	73.1	73.3	73.8	73.8	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.9	74.9	75.0
≥ 6000	73.3	74.2	74.2	74.3	74.9	74.9	75.3	75.5	75.7	75.7	75.7	75.7	75.7	75.9	75.9	76.1
≥ 5000	75.4	76.3	76.3	76.7	77.3	77.3	77.6	78.1	78.2	78.2	78.2	78.2	78.2	78.5	78.5	78.6
≥ 4500	75.3	76.7	76.9	77.2	77.7	77.7	78.2	78.5	78.6	78.6	78.6	78.6	78.6	78.9	78.9	79.0
≥ 4000	78.0	79.7	79.8	80.1	80.6	80.6	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.9	81.9	82.0
≥ 3500	79.6	80.6	80.8	81.0	81.6	81.6	82.1	82.4	82.5	82.5	82.5	82.5	82.5	82.8	82.8	82.9
≥ 3000	82.0	83.2	83.3	83.7	84.3	84.3	85.2	85.5	85.6	85.6	85.6	85.6	85.6	86.0	86.0	86.6
≥ 2500	82.8	84.4	84.5	84.9	85.5	85.5	86.4	86.7	86.8	87.2	87.2	87.2	87.2	87.5	87.5	87.8
≥ 2000	85.1	87.0	87.5	88.2	89.0	89.0	89.9	90.2	90.3	90.7	90.7	90.7	90.7	91.1	91.1	91.3
≥ 1800	85.2	87.1	87.6	88.3	89.1	89.1	90.1	90.3	90.6	91.0	91.0	91.0	91.0	91.4	91.4	91.5
≥ 1500	85.8	87.9	88.2	89.0	89.8	89.8	91.3	91.5	91.9	92.5	92.5	92.5	92.5	92.9	92.9	93.3
≥ 1200	86.4	89.0	89.5	90.5	91.3	91.4	92.9	93.1	93.5	94.2	94.2	94.2	94.2	94.6	94.6	94.9
≥ 1000	86.6	89.1	89.7	90.7	91.7	91.8	93.3	93.8	94.2	95.2	95.2	95.2	95.2	95.6	95.6	95.8
≥ 900	86.8	89.2	89.8	90.9	91.8	91.9	93.7	94.0	94.4	95.3	95.3	95.3	95.3	95.7	95.7	96.0
≥ 800	86.7	89.4	89.9	91.0	91.9	92.1	93.9	94.1	94.6	96.0	96.5	96.5	96.5	96.8	97.2	97.4
≥ 700	86.7	89.4	89.9	91.0	91.9	92.1	94.0	94.2	94.8	96.1	96.6	96.6	96.6	97.4	97.4	97.7
≥ 600	86.7	89.4	89.9	91.0	91.9	92.1	94.0	94.2	94.8	96.2	96.8	96.8	96.8	97.7	97.8	98.1
≥ 500	86.7	89.4	89.9	91.1	92.1	92.2	94.1	94.4	94.9	96.3	97.2	97.3	97.3	98.1	98.3	98.7
≥ 400	86.7	89.4	89.9	91.1	92.1	92.2	94.1	94.4	94.9	96.3	97.3	97.4	97.4	98.8	98.9	99.3
≥ 300	86.7	89.4	89.9	91.1	92.1	92.2	94.1	94.4	94.9	96.3	97.3	97.4	97.4	98.8	98.9	99.3
≥ 200	86.7	89.4	89.9	91.1	92.1	92.2	94.1	94.4	94.9	96.3	97.3	97.4	97.4	98.8	98.9	99.3
≥ 100	86.7	89.4	89.9	91.1	92.1	92.2	94.1	94.4	94.9	96.3	97.3	97.4	97.4	98.8	98.9	99.3
0	86.7	89.4	89.9	91.1	92.1	92.2	94.1	94.4	94.9	96.3	97.3	97.4	97.4	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

FORM 100-64

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

222.7
STATION

WILLIAMS LAKE AFB MT
STATION NAME

61-68
YEARS

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	59.8	59.9	59.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 20000	50.1	50.3	50.3	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
≥ 18000	50.5	50.7	50.7	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
≥ 16000	50.7	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
≥ 14000	52.7	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 12000	57.0	57.1	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	57.3
≥ 10000	64.9	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 9000	68.5	69.1	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 8000	72.4	73.4	73.4	73.8	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 7000	73.1	74.1	74.1	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 6000	74.9	75.8	75.8	76.2	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 5000	76.9	78.0	78.0	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4500	77.4	78.5	78.5	78.9	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4000	81.2	82.5	82.5	82.9	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	82.0	83.3	83.3	83.7	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000	83.7	85.5	85.5	86.0	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500	84.7	86.6	86.6	87.0	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2000	85.0	87.8	87.8	88.3	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1800	86.2	88.3	88.3	88.8	89.9	89.9	90.4	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1500	86.7	89.2	89.2	89.8	90.9	90.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	87.2	90.2	90.2	91.1	92.2	92.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	87.8	90.9	90.9	91.8	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	87.9	91.4	91.4	92.5	93.5	93.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	87.9	91.4	91.4	92.7	93.8	93.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700	88.0	91.7	91.7	93.0	94.2	94.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	88.0	91.7	91.7	93.0	94.2	94.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	88.0	91.8	91.8	93.1	94.4	94.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	88.0	91.8	91.8	93.1	94.5	94.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 300	88.0	91.8	91.8	93.1	94.5	94.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 200	88.0	91.8	91.8	93.1	94.5	94.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 100	88.0	91.8	91.8	93.1	94.5	94.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 0	88.0	91.8	91.8	93.1	94.5	94.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2

TOTAL NUMBER OF OBSERVATIONS

744

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR-14-5 (OL 1)

CEILING VERSUS VISIBILITY

15247 WILKINSON LAKE F.C. 107 APT

61-68

YEARS

4k
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 20000	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 18000	51.0	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
≥ 16000	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 14000	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	54.7	54.7	54.7
≥ 12000	56.7	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
≥ 10000	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	63.8	63.8	63.8
≥ 9000	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 8000	67.0	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 7000	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 6000	70.8	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 5000	73.4	73.9	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
≥ 4500	74.1	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4000	70.8	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	82.5	83.2	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
≥ 3000	87.0	87.6	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
≥ 2500	88.8	89.7	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
≥ 2000	91.4	92.7	92.9	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	91.5	92.9	93.0	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	92.5	94.0	94.1	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	92.7	94.2	94.4	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
≥ 1000	93.4	94.9	95.0	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	93.5	95.3	95.4	95.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	93.8	95.8	96.0	96.1	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	93.8	96.0	96.1	96.2	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	93.8	96.4	96.5	96.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	93.8	96.4	96.5	96.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	93.8	96.4	96.5	96.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 300	93.8	96.4	96.5	96.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 200	93.8	96.4	96.5	96.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 100	93.8	96.4	96.5	96.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 0	93.8	96.4	96.5	96.6	97.6	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

744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AFMCC

CEILING VERSUS VISIBILITY

45247
STATION

WILLIAMS LANE AIRCRAFT FIELD

01-68

YEAR

3R
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	40.8	35.8	30.8	25.8	20.8	15.8	10.8	5.8	3.8	2.8	1.8	0.8	0.3	0.1	0.0
IV 20000	45.2	40.2	35.2	30.2	25.2	20.2	15.2	10.2	5.2	3.2	2.2	1.2	0.7	0.2	0.0
IV 18000	45.8	40.8	35.8	30.8	25.8	20.8	15.8	10.8	5.8	3.8	2.8	1.8	0.7	0.2	0.0
IV 16000	46.3	41.3	36.3	31.3	26.3	21.3	16.3	11.3	6.3	4.3	3.3	2.3	0.8	0.3	0.0
IV 14000	49.7	44.7	39.7	34.7	29.7	24.7	19.7	14.7	9.7	7.7	6.7	5.7	1.9	0.4	0.0
IV 12000	52.7	47.7	42.7	37.7	32.7	27.7	22.7	17.7	12.7	10.7	9.7	8.7	2.9	0.5	0.0
IV 10000	58.6	53.6	48.6	43.6	38.6	33.6	28.6	23.6	18.6	16.6	15.6	14.6	3.9	0.6	0.0
IV 9000	61.4	56.4	51.4	46.4	41.4	36.4	31.4	26.4	21.4	19.4	18.4	17.4	4.9	0.7	0.0
IV 8000	64.2	59.2	54.2	49.2	44.2	39.2	34.2	29.2	24.2	22.2	21.2	20.2	5.9	0.8	0.0
IV 7000	65.9	60.9	55.9	50.9	45.9	40.9	35.9	30.9	25.9	23.9	22.9	21.9	6.9	0.9	0.0
IV 6000	67.7	62.7	57.7	52.7	47.7	42.7	37.7	32.7	27.7	25.7	24.7	23.7	7.9	1.0	0.0
IV 5000	73.3	68.3	63.3	58.3	53.3	48.3	43.3	38.3	33.3	31.3	30.3	29.3	8.9	1.1	0.0
IV 4500	73.8	68.8	63.8	58.8	53.8	48.8	43.8	38.8	33.8	31.8	30.8	29.8	9.4	1.2	0.0
IV 4000	81.0	76.0	71.0	66.0	61.0	56.0	51.0	46.0	41.0	39.0	38.0	37.0	10.0	1.3	0.0
IV 3500	82.1	77.1	72.1	67.1	62.1	57.1	52.1	47.1	42.1	40.1	39.1	38.1	10.2	1.4	0.0
IV 3000	88.4	83.4	78.4	73.4	68.4	63.4	58.4	53.4	48.4	46.4	45.4	44.4	10.2	1.5	0.0
IV 2500	90.7	85.7	80.7	75.7	70.7	65.7	60.7	55.7	50.7	48.7	47.7	46.7	10.7	1.6	0.0
IV 2000	91.9	86.9	81.9	76.9	71.9	66.9	61.9	56.9	51.9	49.9	48.9	47.9	10.8	1.7	0.0
IV 1800	91.9	86.9	81.9	76.9	71.9	66.9	61.9	56.9	51.9	49.9	48.9	47.9	10.8	1.7	0.0
IV 1500	92.4	87.4	82.4	77.4	72.4	67.4	62.4	57.4	52.4	50.4	49.4	48.4	10.9	1.8	0.0
IV 1200	93.3	88.3	83.3	78.3	73.3	68.3	63.3	58.3	53.3	51.3	50.3	49.3	11.3	1.9	0.0
IV 1000	93.4	88.4	83.4	78.4	73.4	68.4	63.4	58.4	53.4	51.4	50.4	49.4	11.4	2.0	0.0
IV 900	93.4	88.4	83.4	78.4	73.4	68.4	63.4	58.4	53.4	51.4	50.4	49.4	11.4	2.0	0.0
IV 800	93.4	88.4	83.4	78.4	73.4	68.4	63.4	58.4	53.4	51.4	50.4	49.4	11.4	2.0	0.0
IV 700	93.4	88.4	83.4	78.4	73.4	68.4	63.4	58.4	53.4	51.4	50.4	49.4	11.4	2.0	0.0
IV 600	93.3	88.3	83.3	78.3	73.3	68.3	63.3	58.3	53.3	51.3	50.3	49.3	11.3	2.0	0.0
IV 500	93.3	88.3	83.3	78.3	73.3	68.3	63.3	58.3	53.3	51.3	50.3	49.3	11.3	2.0	0.0
IV 400	93.3	88.3	83.3	78.3	73.3	68.3	63.3	58.3	53.3	51.3	50.3	49.3	11.3	2.0	0.0
IV 300	93.3	88.3	83.3	78.3	73.3	68.3	63.3	58.3	53.3	51.3	50.3	49.3	11.3	2.0	0.0
IV 200	93.3	88.3	83.3	78.3	73.3	68.3	63.3	58.3	53.3	51.3	50.3	49.3	11.3	2.0	0.0
IV 100	93.3	88.3	83.3	78.3	73.3	68.3	63.3	58.3	53.3	51.3	50.3	49.3	11.3	2.0	0.0
IV 0	93.3	88.3	83.3	78.3	73.3	68.3	63.3	58.3	53.3	51.3	50.3	49.3	11.3	2.0	0.0

TOTAL NUMBER OF OBSERVATIONS

744

DATA PROCESSING DIVISION
USAF ETAC
AIR ENTER SERVICE/40

CEILING VERSUS VISIBILITY

29247 WILLIAMS LAKE MOUNT APT
STATION NAME

61-64

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000
HOURS

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	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
≥ 20000	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
≥ 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	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 14000	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 12000	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	60.3	60.3	60.3
≥ 10000	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 9000	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 8000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 7000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 6000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 5000	79.0	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
≥ 4500	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
≥ 4000	84.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3500	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1500	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	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
≥ 1000	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
≥ 900	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 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
≥ 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
≥ 300	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
≥ 200	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
≥ 100	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
≥ 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

744

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AFM

CEILING VERSUS VISIBILITY

29247
STATION

WILLIAMS LAKE F.C. OUT APT
STATION NAME

01-68
YEARS

YEARS

138
MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
MONTH

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	59.4	59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	60.1	60.1	60.1	60.1
IV 20000	63.4	64.1	64.1	64.1	64.1	64.1	64.4	64.4	64.2	64.2	64.2	64.2	64.7	64.7	64.7	64.7
IV 18000	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.9	64.9	64.9	64.9
IV 16000	64.3	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.3	65.3	65.3	65.3
IV 14000	66.8	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.6	67.6	67.6	67.6
IV 12000	69.2	69.6	69.6	69.6	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	70.3	70.3	70.3	70.3
IV 10000	75.4	75.8	75.8	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.5	76.5	76.5	76.5
IV 9000	76.6	77.3	77.3	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	78.0	78.0	78.0	78.0
IV 8000	78.4	79.0	79.0	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.7	79.7	79.7	79.7
IV 7000	81.3	82.1	82.1	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.8	82.8	82.8	82.8
IV 6000	83.2	83.2	83.2	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.9	83.9	83.9	83.9
IV 5000	85.3	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.8	86.8	86.8	86.8
IV 4500	86.4	86.4	86.4	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	87.1	87.1	87.1	87.1
IV 4000	87.9	88.8	88.8	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.7	89.7	89.7	89.7
IV 3500	88.6	89.8	89.8	89.9	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.6	90.6	90.6	90.6
IV 3000	90.3	91.9	92.1	92.3	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	93.3	93.3	93.3	93.3
IV 2500	90.7	92.6	92.7	93.1	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	94.4	94.4	94.4	94.4
IV 2000	91.1	93.7	93.8	94.2	94.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	95.6	95.6	95.6	95.6
IV 1800	91.3	94.1	94.2	94.6	95.0	95.0	95.6	95.6	95.6	95.6	95.6	95.6	96.2	96.2	96.2	96.2
IV 1500	92.2	94.8	94.9	95.7	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.8	97.8	97.8	97.8
IV 1200	92.2	94.8	95.0	95.8	96.6	96.6	97.6	97.6	97.6	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 1000	92.2	94.8	95.0	96.0	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	99.1	99.1	99.1	99.1
IV 900	92.2	94.9	95.0	96.0	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	99.1	99.1	99.1	99.1
IV 800	92.2	94.9	95.0	96.0	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	99.1	99.1	99.1	99.1
IV 700	92.2	94.9	95.0	96.0	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	99.1	99.1	99.1	99.1
IV 600	92.2	94.9	95.0	96.0	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	99.1	99.1	99.1	99.1
IV 500	92.2	94.9	95.0	96.0	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	99.1	99.1	99.1	99.1
IV 400	92.2	94.9	95.0	96.0	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	99.1	99.1	99.1	99.1
IV 300	92.2	94.9	95.0	96.0	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	99.1	99.1	99.1	99.1
IV 200	92.2	94.9	95.0	96.0	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	99.1	99.1	99.1	99.1
IV 100	92.2	95.0	95.2	96.1	96.4	96.4	98.3	98.3	98.3	98.3	98.3	98.3	100.0	100.0	100.0	100.0
IV 0	92.2	95.0	95.2	96.1	96.4	96.4	98.3	98.3	98.3	98.3	98.3	98.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR LEADER SERVICE/AC

CEILING VERSUS VISIBILITY

75247
STATION

WILLIAMS LAKE R C CNT APT
STATION NAME

01-68

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.5	51.5	51.5	51.7	51.9	51.9
≥ 20000	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.1	57.1	57.1	57.2	57.4	57.4
IV ≥ 18000	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.1	57.1	57.1	57.2	57.4	57.4
IV ≥ 16000	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.8	57.8	57.8	57.9	58.1	58.1
IV ≥ 14000	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.7	59.7	59.7	59.9	60.0	60.0
IV ≥ 12000	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.7	61.7	61.7	61.8	61.9	61.9
IV ≥ 10000	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.7	64.7	64.7	64.9	65.0	65.0
IV ≥ 9000	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.2	67.2	67.2	67.4	67.5	67.5
IV ≥ 8000	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.1	71.1	71.1	71.3	71.4	71.4
IV ≥ 7000	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.7	76.8	76.8
IV ≥ 6000	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.6	78.6	78.6	78.8	78.9	78.9
IV ≥ 5000	82.1	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.1	83.1	83.1	83.2	83.3	83.3
IV ≥ 4500	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.3	83.3	83.3	83.5	83.6	83.6
IV ≥ 4000	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.4	85.4	85.4	85.6	85.7	85.7
IV ≥ 3500	85.0	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.1	86.1	86.1	86.3	86.4	86.4
IV ≥ 3000	87.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.5	88.5	88.5	88.8	88.9	88.9
IV ≥ 2500	87.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.9	88.9	88.9	89.2	89.3	89.3
IV ≥ 2000	89.0	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.3	91.3	91.3	91.5	91.7	91.7
IV ≥ 1800	89.0	90.7	90.7	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.7	91.7	91.7	91.9	92.1	92.1
IV ≥ 1500	90.1	91.9	91.9	92.5	92.9	92.9	92.9	92.9	92.9	92.9	93.2	93.2	93.2	93.5	93.6	93.6
IV ≥ 1200	90.8	92.8	92.8	93.3	93.9	93.9	93.9	93.9	93.9	93.9	94.2	94.2	94.2	94.4	94.6	94.6
IV ≥ 1000	91.1	93.3	93.3	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.9	94.9	94.9	95.1	95.3	95.3
IV ≥ 900	91.1	93.3	93.3	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	95.1	95.3	95.3
IV ≥ 800	91.1	93.3	93.3	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	95.1	95.3	95.3
IV ≥ 700	91.1	93.3	93.3	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	95.1	95.3	95.3
IV ≥ 600	91.1	93.3	93.3	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	95.1	95.3	95.3
IV ≥ 500	91.1	93.3	93.3	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	95.1	95.3	95.3
IV ≥ 400	91.1	93.3	93.3	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	95.1	95.3	95.3
IV ≥ 300	91.1	93.3	93.3	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	95.1	95.3	95.3
IV ≥ 200	91.1	93.3	93.3	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	95.1	95.3	95.3
IV ≥ 100	91.1	93.3	93.3	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	95.1	95.3	95.3
IV ≥ 0	91.1	93.3	93.3	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	95.1	95.3	95.3

TOTAL NUMBER OF OBSERVATIONS

720

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

DATA PROCESSING DIVISION
USAF ETAC
AIR DATA SERVICE/AC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LOCKS & DAMS
STATION NAME

61-60
YEAR

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0306-0500
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 20000	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 18000	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 16000	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 14000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 12000	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 10000	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	60.3	60.3	60.3
≥ 9000	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 8000	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 7000	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 6000	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
≥ 5000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1800	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1500	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 900	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 800	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 700	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 600	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 500	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 400	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 300	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 200	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 100	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC

FORM 10-64

0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE H C DET APT
STATION, NAME

01-68
YEARS

YEARS

08
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2600-0000
TIME OF DAY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO CEILING	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 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	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 16000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
IV 14000	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 12000	57.9	57.9	57.9	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 10000	62.8	62.8	62.8	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
IV 9000	65.7	65.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 8000	69.2	69.2	69.2	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 7000	72.2	72.2	72.2	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 6000	73.2	73.2	73.2	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 5000	77.1	77.1	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 4500	78.1	78.1	78.1	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 4000	82.4	82.4	82.4	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 3500	82.4	82.4	82.4	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 3000	85.1	85.1	85.1	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 2500	85.7	85.7	85.7	85.7	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 2000	86.4	86.4	86.4	86.9	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 1800	86.5	86.5	86.5	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 1500	87.8	87.8	87.8	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 1200	88.9	88.9	88.9	89.3	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 1000	90.1	90.1	90.1	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 900	90.1	90.1	90.1	90.7	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 800	90.1	90.1	90.1	90.8	90.8	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 700	91.0	91.0	91.0	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 600	91.1	91.1	91.1	91.7	91.7	91.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 500	91.1	91.1	91.1	91.7	91.7	91.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 400	91.4	91.4	91.4	91.9	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 300	91.4	91.4	91.4	91.9	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 200	91.4	91.4	91.4	91.9	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 100	91.4	91.4	91.4	91.9	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 0	91.4	91.4	91.4	91.9	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC

FORM 10-64

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR ENTER SERVICE TO

CEILING VERSUS VISIBILITY

5242
STATION

ILLUMINANCE
STATION NAME

01-08

YEARS

PER
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100
TIME OF DAY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.0
NO CEILING	29.6	29.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 20000	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5
≥ 18000	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 16000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 14000	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 10000	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 9000	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.7	66.9	66.9	66.9	66.9	66.9	66.9
≥ 8000	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 6000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 5000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4500	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4000	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1800	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 900	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 600	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 400	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 300	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 200	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 100	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

719

USAF ETAC 0-145 (OL) PREPARED BY THE AIR FORCE ENGINEERING CENTER

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25247 JULIUS CAESAR AIRPORT

01-02

YEAR

PER

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	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING ≥ 20000	28.6	24.8	24.8	24.8	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
IV 18000	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
IV 16000	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
IV 14000	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
IV 12000	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 10000	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
IV 9000	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	48.9	48.9	48.9
IV 8000	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 7000	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 6000	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 5000	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 4500	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 4000	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
IV 3500	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 3000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 2500	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 2000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 1800	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 1500	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1200	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1000	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
IV 900	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
IV 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
IV 700	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 600	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 500	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 400	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	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
IV 200	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
IV 100	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
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

716

USAF ETAC 0-145 (OL 1) PREPARED BY THE DATA PROCESSING DIVISION

DATA PROCESSING DIVISION
USAF ETAF
AIR FATER SERVICE/SC

CEILING VERSUS VISIBILITY

22267

WILLIAMS 1080 760001 201

41-0

4488

1980

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	≥1	≥1	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING ≥ 20000	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 18000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
IV 16000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
IV 14000	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
IV 12000	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	48.3	48.3	48.3
IV 10000	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 9000	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 8000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 7000	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 6000	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 5000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 4500	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 4000	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
IV 3500	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
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	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 2000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1800	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1500	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 1200	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 1000	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 900	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
IV 800	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 700	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 600	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 500	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
IV 450	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 400	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 300	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	98.7	98.7
IV 200	98.8	98.8	98.8	98.8	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 100	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS

722

USAF ETAC 0-14.5 (OL) PREPARED BY: [illegible] (JRS/HFE)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

25247

WILLIAMS LAKE, C. CO. MT. RT

61-58

YEARS

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000

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	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	42.6	42.6
≥ 20000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 18000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 16000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 14000	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
≥ 12000	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 10000	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 9000	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 8000	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000	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
≥ 6000	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
≥ 5000	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3500	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
≥ 3000	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2500	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
≥ 2000	94.7	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	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
≥ 1500	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
≥ 1200	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
≥ 1000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	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
≥ 500	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
≥ 400	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
≥ 300	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	99.9	99.9
≥ 200	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	99.9	99.9
≥ 100	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	99.9	99.9
≥ 0	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	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC

FORM
131-64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EAT PR SERVICE/AC

CEILING VERSUS VISIBILITY

25247 WILLIAMS LAKE 3600 FT AIRPORT 61-60 1960 2100-2300

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	≥.1	≥0
NO CEILING	53.4	54.0	54.0	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.7
≥ 20000	59.6	59.7	59.7	59.7	59.7	59.7	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.3	60.4
≥ 18000	59.7	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.4	60.6
≥ 16000	60.1	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.8	61.1
≥ 14000	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.8	64.3
≥ 12000	65.7	65.8	65.8	65.8	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.4	66.5
≥ 10000	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.9	70.1
≥ 9000	71.0	71.1	71.1	71.1	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.7	71.8
≥ 8000	75.6	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.3	76.4
≥ 7000	80.4	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.1	81.3
≥ 6000	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.4	84.6
≥ 5000	86.3	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.9	87.1
≥ 4500	86.3	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.2	87.4
≥ 4000	88.8	89.0	89.0	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.7	89.9
≥ 3500	89.4	89.7	89.7	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.4	90.6
≥ 3000	90.4	91.4	91.4	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.2	92.4
≥ 2500	91.4	92.5	92.5	92.5	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.3	93.5
≥ 2000	93.5	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.7	94.9
≥ 1800	93.5	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.9	95.1
≥ 1500	93.5	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.9	95.1
≥ 1200	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 1000	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 900	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 800	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 700	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 600	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 500	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 400	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 300	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 200	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 100	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 0	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1

TOTAL NUMBER OF OBSERVATIONS

720

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AC

CEILING VERSUS VISIBILITY

05247
STATION

WILLIAMS LAKE AFB, IDAHO
STATION NAME

61-55
YEAR

4Y
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
NO. OF HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING	56.3	56.6	56.6	56.6	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.3
≥ 20000	59.3	59.3	59.3	59.3	59.3	59.3	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2
≥ 18000	59.4	59.7	59.7	59.7	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3
≥ 16000	59.4	59.7	59.7	59.7	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3
≥ 14000	60.6	60.9	60.9	60.9	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.6
≥ 12000	63.0	63.3	63.3	63.3	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0
≥ 10000	68.5	69.1	69.1	69.1	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.8
≥ 9000	71.8	72.3	72.3	72.3	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0
≥ 8000	75.7	76.2	76.2	76.2	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9
≥ 7000	78.6	79.3	79.3	79.3	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.0
≥ 6000	81.3	82.0	82.0	82.0	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.7
≥ 5000	85.2	85.9	85.9	85.9	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.6
≥ 4500	88.5	89.1	89.1	89.1	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.8
≥ 4000	88.0	89.1	89.1	89.1	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.9
≥ 3500	88.8	89.9	89.9	89.9	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.7
≥ 3000	91.0	92.3	92.3	92.3	92.9	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.5
≥ 2500	91.8	93.4	93.4	93.4	94.0	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6
≥ 2000	92.1	93.8	93.8	93.8	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0
≥ 1800	92.3	94.1	94.1	94.1	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.2
≥ 1500	93.2	95.7	95.8	95.8	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0
≥ 1200	93.7	95.8	96.0	96.0	96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.1
≥ 1000	93.7	96.4	96.2	96.2	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4
≥ 900	93.7	96.1	96.2	96.2	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4
≥ 800	93.8	96.4	96.3	96.3	96.9	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6
≥ 700	93.8	96.5	96.6	96.6	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.9
≥ 600	93.8	96.5	96.6	96.6	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.9
≥ 500	94.1	96.8	96.9	96.9	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2
≥ 400	94.1	96.9	97.0	97.2	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
≥ 300	94.1	96.9	97.0	97.2	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6
≥ 200	94.1	96.9	97.0	97.2	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6
≥ 100	94.1	96.9	97.0	97.2	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6
≥ 0	94.1	96.9	97.0	97.2	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6

TOTAL NUMBER OF OBSERVATIONS

744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE ENGINEERING SERVICE CENTER

CEILING VERSUS VISIBILITY

25257 WILLIAMS LAKE C. DUT APT

01-68

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

MOON

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	50.4	50.0	50.1	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5
IV 18000	53.8	53.9	54.0	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4
IV 16000	54.0	54.2	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.7	54.7	54.7
IV 14000	55.0	56.0	56.2	56.3	56.3	56.3	56.5	56.6	56.6	56.6	56.6	56.7	56.7	56.9	56.9	56.9
IV 12000	59.7	59.8	59.9	60.0	60.0	60.0	60.2	60.3	60.3	60.3	60.3	60.5	60.5	60.6	60.6	60.6
IV 10000	66.4	66.3	66.4	66.7	66.7	66.7	66.8	66.9	66.9	66.9	66.9	67.1	67.1	67.2	67.2	67.2
IV 9000	68.4	68.5	68.7	69.0	69.0	69.0	69.1	69.2	69.2	69.2	69.2	69.4	69.4	69.6	69.6	69.6
IV 8000	72.0	72.4	73.0	73.3	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.7	73.7	74.1	74.1	74.1
IV 7000	74.6	74.9	75.0	75.3	75.3	75.3	75.4	75.5	75.5	75.5	75.5	75.7	75.7	76.1	76.1	76.1
IV 6000	77.2	77.5	77.7	78.0	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.4	78.4	78.8	78.8	78.8
IV 5000	81.2	81.3	81.4	81.9	81.9	81.9	82.1	82.3	82.3	82.3	82.3	82.4	82.4	82.8	82.8	82.8
IV 4500	81.5	81.7	81.9	82.1	82.1	82.1	82.4	82.5	82.5	82.5	82.5	82.7	82.7	83.1	83.1	83.1
IV 4000	83.0	83.9	84.0	84.3	84.3	84.3	84.5	84.7	84.7	84.7	84.7	84.8	84.8	85.2	85.2	85.2
IV 3500	84.4	85.1	85.2	85.5	85.5	85.5	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.4	86.4	86.4
IV 3000	87.2	87.9	88.0	88.3	88.3	88.3	89.4	89.5	89.5	89.5	89.5	89.7	89.7	90.1	90.1	90.3
IV 2500	88.8	89.2	89.4	89.7	90.1	90.1	90.7	90.9	90.9	90.9	90.9	91.0	91.0	91.4	91.4	91.7
IV 2000	89.7	90.7	91.0	91.3	91.7	91.7	92.3	92.6	92.6	92.6	92.6	92.7	92.7	93.3	93.3	93.5
IV 1800	90.1	91.1	91.4	91.7	92.1	92.1	92.4	93.0	93.0	93.0	93.0	93.1	93.1	93.7	93.7	94.0
IV 1500	90.5	92.1	92.5	93.0	93.3	93.3	94.4	94.5	94.5	94.5	94.5	94.6	94.6	95.2	95.2	95.4
IV 1200	90.5	92.2	92.7	93.4	94.0	94.0	94.8	94.9	94.9	94.9	95.2	95.3	95.3	95.8	95.8	96.1
IV 1000	90.5	92.7	93.4	94.1	94.6	94.6	95.4	95.0	95.7	96.1	96.2	96.2	96.2	96.8	96.8	97.0
IV 900	90.5	92.7	93.4	94.1	94.6	94.6	95.4	95.7	95.8	96.2	96.4	96.5	96.5	96.9	96.9	97.2
IV 800	90.5	92.7	93.4	94.1	94.6	94.6	95.4	95.7	95.8	96.4	96.5	96.5	96.5	97.0	97.0	97.3
IV 700	90.5	93.0	93.7	94.5	95.2	95.2	96.0	96.1	96.2	96.8	96.9	96.9	96.9	97.4	97.4	97.7
IV 600	90.5	93.0	93.7	94.5	95.2	95.2	96.1	96.2	96.4	96.9	97.0	97.0	97.0	97.6	97.6	97.8
IV 500	90.6	93.1	93.8	94.6	95.3	95.3	96.4	96.5	96.6	97.2	97.3	97.3	97.3	97.8	97.8	98.1
IV 400	90.6	93.3	94.0	94.8	95.6	95.6	96.6	96.8	96.9	97.4	97.6	97.6	97.6	98.1	98.1	98.4
IV 300	90.6	93.3	94.0	94.8	95.6	95.6	96.6	96.8	96.9	97.4	97.6	97.6	97.6	98.5	98.5	98.9
IV 200	90.6	93.3	94.0	94.8	95.6	95.6	96.6	96.9	97.0	97.6	97.7	97.7	97.7	98.8	98.8	99.6
IV 100	90.6	93.3	94.0	94.8	95.6	95.6	96.6	97.0	97.2	97.7	97.7	97.8	97.8	98.9	98.9	99.7
IV 0	90.6	93.3	94.0	94.8	95.6	95.6	96.6	97.0	97.2	97.7	97.7	97.8	97.8	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE CENTER SERVICE/PAC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LANE B. C. LT. GPT
STATION NAME

61-69
YEARS

YEARS

15
MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/32	≥0
NO CEILING	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥20000	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 18000	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV 16000	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 14000	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 12000	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 10000	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4
IV 9000	72.0	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6
IV 8000	75.7	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2
IV 7000	77.2	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
IV 6000	79.3	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0
IV 5000	82.1	82.7	82.7	82.8	82.8	82.8	82.8	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1
IV 4500	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5
IV 4000	84.1	84.8	84.8	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
IV 3500	86.3	86.2	86.2	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6
IV 3000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3
IV 2500	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.8	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1
IV 2000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.9	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2
IV 1800	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3
IV 1500	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1
IV 1200	90.3	90.3	90.3	90.3	90.3	90.3	90.3	91.1	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5
IV 1000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	92.1	92.1	92.1	92.6	92.6	92.6	92.6	92.6	92.6
IV 900	91.4	91.4	91.4	91.4	91.4	91.4	91.4	92.3	92.3	92.3	93.0	93.0	93.0	93.0	93.0	93.0
IV 800	91.9	91.9	91.9	91.9	91.9	91.9	91.9	93.0	93.0	93.0	93.7	93.7	93.7	93.7	93.7	93.7
IV 700	92.6	92.6	92.6	92.6	92.6	92.6	92.6	94.0	94.0	94.0	94.6	94.6	94.6	94.6	94.6	94.6
IV 600	93.8	93.8	93.8	93.8	93.8	93.8	93.8	95.2	95.2	95.2	95.8	95.8	95.8	95.8	95.8	95.8
IV 500	94.6	94.6	94.6	94.6	94.6	94.6	94.6	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0
IV 400	94.9	94.9	94.9	94.9	94.9	94.9	94.9	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2
IV 300	95.2	95.2	95.2	95.2	95.2	95.2	95.2	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7
IV 200	95.2	95.2	95.2	95.2	95.2	95.2	95.2	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0
IV 100	95.2	95.2	95.2	95.2	95.2	95.2	95.2	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0
IV 0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE F.C. DUT APT
STATION NAME

61-68
YEARS

DAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2900-1100
NO. OF 151

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 ≥ 20000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 18000	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 16000	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 14000	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
IV 12000	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 10000	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 9000	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 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
IV 7000	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 6000	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 5000	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 4500	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
IV 4000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 3500	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 3000	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 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
IV 2000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 1800	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 1500	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 1200	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 1000	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 900	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 800	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 700	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
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	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	98.7	98.7
IV 400	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 300	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 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
IV 100	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
IV 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

744

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/400

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE W. CO. UT
STATION NAME

61-68
ELEVATION

YEARS

5Y
PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
TIME PERIOD

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
≥ 20000	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
IV 18000	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
IV 16000	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
IV 14000	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 12000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
IV 10000	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
IV 9000	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 8000	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	49.8
IV 7000	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 6000	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 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
IV 4500	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 4000	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 3500	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
IV 3000	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 2500	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 2000	92.9	92.9	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
IV 1800	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1500	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1200	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 1000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 900	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 800	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 700	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 600	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 500	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 400	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 300	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 200	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 100	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

FORM 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE A.C. OUT APT
STATION NAME

01-65
YEAR

YEAR

DAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 20000	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 18000	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 16000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 14000	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 12000	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 10000	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
≥ 9000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 8000	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 7000	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 6000	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
≥ 5000	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 4500	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4000	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3500	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 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
≥ 2500	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	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
≥ 600	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
≥ 500	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
≥ 400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AC

CEILING VERSUS VISIBILITY

25247
STATION

HILLTA S LAKE S E OUT APT
STATION NAME

61-66

YEARS

1Y
MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000
MONTHS

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	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 20000	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 18000	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 16000	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV 14000	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 12000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 10000	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 9000	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 8000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 7000	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 6000	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 5000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 4500	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 4000	83.6	83.6	83.6	83.6	83.6	83.6	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 3500	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 3000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 2500	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 2000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1800	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1500	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1200	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 900	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 800	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

FORM 0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

22247 WILLIAMS LAKE R.C. AIR PT

61-62

YEARS

DAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING - FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 20000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 18000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 16000	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 14000	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 12000	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 10000	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 9000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 8000	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 7000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 6000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 5000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 4500	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 4000	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 3500	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 3000	93.3	93.7	93.7	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 2500	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 2000	96.6	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1800	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1500	97.0	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1200	97.2	97.9	97.8	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000	97.7	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 900	97.7	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	97.8	98.7	98.8	98.9	98.9	98.9	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	98.4	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	98.4	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	98.4	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	98.4	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	98.4	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	98.4	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	98.4	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	98.4	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

7.4

USAF ETAC

FORM
121-64

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

22247 WILLIAMS LAKE 6 C OUT APT

61-60

YEARS

0000-0200

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0
NO CEILING	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 18000	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 16000	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 14000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 12000	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	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	71.5
≥ 9000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 7000	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
≥ 6000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 5000	92.6	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
≥ 4500	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
≥ 4000	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3500	95.1	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
≥ 3000	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
≥ 2500	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
≥ 2000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1600	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
≥ 1400	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
≥ 1200	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	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	98.7	98.7
≥ 800	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	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
≥ 400	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	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
≥ 200	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
≥ 100	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC FORM 101-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

21

DATA PROCESSING DIVISION
USAF ETAC
AIR ENTERPRISE/AC

CEILING VERSUS VISIBILITY

05247

WILLIAMS LOCKS (C) OF DET

61-45

1120

1120

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0500-0500

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING ≥ 20000	55.9	55.3	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.4	55.4	56.4
≥ 18000	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	61.1	61.1	62.1
≥ 16000	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.3	61.3	61.3	61.3	61.5	61.5	62.5
≥ 14000	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.1	63.1	63.1	63.1	63.3	63.3	64.3
≥ 12000	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.8	65.8	66.8
≥ 10000	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.7	71.7	71.7	71.7	71.9	71.9	72.9
≥ 9000	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.5	73.5	73.5	73.5	73.8	73.8	74.7
≥ 8000	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.5	78.5	79.4
≥ 7000	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.4	82.4	83.3
≥ 6000	84.3	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.0	85.0	85.0	85.0	85.3	85.3	86.3
≥ 5000	89.3	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.0	90.0	90.0	90.0	90.4	90.4	91.3
≥ 4500	89.4	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.5	90.5	91.4
≥ 4000	90.8	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.7	92.1	92.1	93.0
≥ 3500	91.1	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	92.4	92.4	93.3
≥ 3000	93.1	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.4	94.4	95.3
≥ 2500	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	95.0	95.0	95.9
≥ 2000	94.2	94.4	94.7	94.9	95.1	95.3	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.6	95.6	96.5
≥ 1800	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	96.0	96.0	96.9
≥ 1500	95.2	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.4	96.4	97.3
≥ 1200	95.3	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.5	96.5	97.4
≥ 1000	95.3	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.5	96.5	97.4
≥ 900	95.3	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.5	96.5	97.4
≥ 800	95.3	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.5	96.5	97.4
≥ 700	95.3	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.5	96.5	97.4
≥ 600	95.3	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.5	96.5	97.4
≥ 500	95.3	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.5	96.5	97.4
≥ 400	95.3	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.5	96.5	97.4
≥ 300	95.3	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.5	96.5	97.4
≥ 200	95.3	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.5	96.5	97.4
≥ 100	95.3	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.5	96.5	97.4
≥ 0	95.3	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.5	96.5	97.4

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

0145

0145 (OL)

0145 (OL) 0145 (OL) 0145 (OL) 0145 (OL)

AD-A100 244

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC P/G 4/2
WILLIAMS LAKE APT, BRITISH COLUMBIA, CANADA. REVISED UNIFORM SU--ETC
OCT 71

UNCLASSIFIED

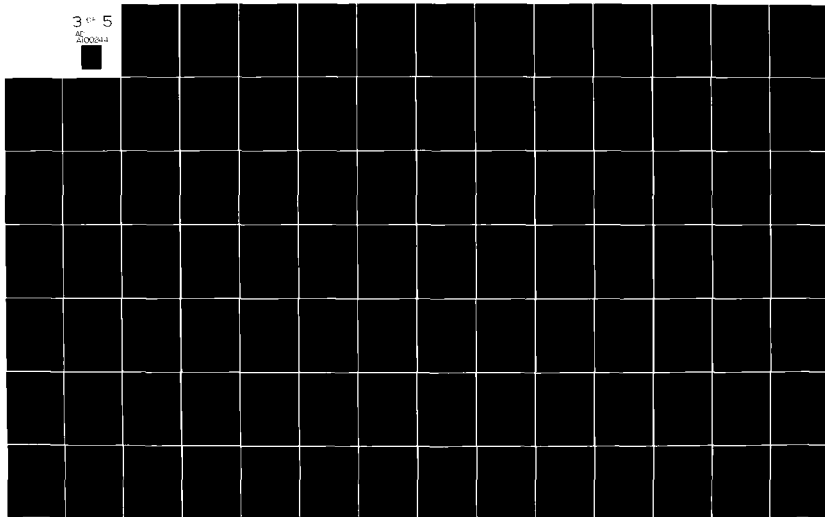
USAFETAC/DS-81/039

SBIE-AD-E850 066

NL

3 of 5

AC
2100014



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE F.C. OUT APT
STATION NAME

61-62
YEARS

YEARS

1961-1962

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0500

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	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.1	52.4
≥ 20000	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.1	52.4
IV 18000	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.1	52.4
IV 16000	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.1	52.4
IV 14000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.5	63.5	63.5	63.9
IV 12000	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.9
IV 10000	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.7
IV 9000	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	77.2
IV 8000	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.7
IV 7000	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3
IV 6000	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.7
IV 5000	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.9	87.9	88.1	88.5
IV 4500	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.5	88.9
IV 4000	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.5	91.9
IV 3500	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.7	91.7	91.8	92.2
IV 3000	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.9	92.9	93.1	93.5
IV 2500	92.2	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.3	93.7
IV 2000	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.6	95.0
IV 1800	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.6	95.0
IV 1500	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.6	95.0
IV 1200	94.0	94.9	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.3	95.3	95.4	95.8
IV 1000	94.4	95.3	95.3	95.3	95.3	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.8	95.8	96.0	96.3
IV 900	94.7	95.6	95.6	95.6	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.4	96.8
IV 800	94.9	96.1	96.1	96.1	96.1	96.1	96.1	96.7	96.7	96.7	96.7	96.7	96.9	96.9	97.1	97.5
IV 700	95.0	96.5	96.5	96.5	96.5	96.5	96.5	97.1	97.1	97.1	97.1	97.1	97.5	97.5	97.6	98.1
IV 600	95.1	96.9	96.9	96.9	96.9	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.9	97.9	98.0	98.5
IV 500	95.1	97.1	97.1	97.1	97.1	97.1	97.1	97.5	97.5	97.5	97.5	97.5	98.3	98.3	98.6	99.2
IV 400	95.1	97.1	97.1	97.1	97.1	97.1	97.1	97.5	97.5	97.5	97.5	97.5	98.3	98.3	98.6	99.2
IV 300	95.2	97.2	97.2	97.2	97.2	97.2	97.2	98.3	98.3	98.3	98.3	98.3	99.2	99.2	99.3	99.9
IV 200	95.3	97.2	97.2	97.2	97.2	97.2	97.2	98.3	98.3	98.3	98.3	98.3	99.3	99.3	99.4	100.0
IV 100	95.3	97.2	97.2	97.2	97.2	97.2	97.2	98.3	98.3	98.3	98.3	98.3	99.3	99.3	99.4	100.0
IV 0	95.3	97.2	97.2	97.2	97.2	97.2	97.2	98.3	98.3	98.3	98.3	98.3	99.3	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC

FORM 10-64

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

21

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AL

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE 8 C. OPT APT
STATION NAME

61-04
YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 20000	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
≥ 18000	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	54.3
≥ 16000	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	54.3
≥ 14000	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 12000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 10000	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 9000	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 8000	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 7000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 6000	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 5000	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4500	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4000	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3500	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	94.7	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
≥ 1500	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 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	99.4	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
≥ 300	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	99.9	99.9
≥ 200	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	99.9	99.9
≥ 100	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	99.9	99.9
≥ 0	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	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ANAC

CEILING VERSUS VISIBILITY

22247

WILLIAMS LAKE F.O. OUT APT

61-68

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES -															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5 16	≥ 4	≥ 0
NO CEILING	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 20000	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	44.8
IV 18000	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
IV 16000	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
IV 14000	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
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	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 9000	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IV 8000	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 7000	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 6000	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
IV 5000	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 4500	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
IV 4000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 3500	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 3000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 2500	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 2000	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
IV 1800	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 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
IV 1200	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1000	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	98.7	98.7
IV 900	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	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 600	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
IV 500	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
IV 400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	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	99.9	99.9
IV 200	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	99.9	99.9
IV 100	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	99.9	99.9
IV 0	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	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

718

USAF ETAC

FORM
10-64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/TAC

CEILING VERSUS VISIBILITY

5247 WILLIAMS LAKE AFB, MT
STATION STATION NAME

61-65

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING ≥ 20000	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 18000	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 16000	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 14000	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 12000	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
≥ 10000	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
≥ 9000	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 8000	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
≥ 7000	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 6000	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 5000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 4500	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
≥ 4000	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
≥ 3500	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	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
≥ 800	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
≥ 700	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	99.9	99.9
≥ 600	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	99.9	99.9
≥ 500	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	99.9	99.9
≥ 400	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	99.9	99.9
≥ 300	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	99.9	99.9
≥ 200	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	99.9	99.9
≥ 100	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	99.9	99.9
≥ 0	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	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC FORM 0-14-5 (OL1) PREVIOUS EDITIONS ARE OBSOLETE

DATA PROCESSING DIVISION

1957

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE B.C. OUT APT
STATION NAME

61-68

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-10-2000
HOUR

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/8	≥0
NO CEILING	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 20000	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 18000	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
IV 16000	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 14000	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IV 12000	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 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
IV 9000	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 8000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 7000	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 6000	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 5000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 4500	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 4000	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
IV 3500	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 3000	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 2500	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 2000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1800	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	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 600	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
IV 500	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
IV 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
IV 300	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
IV 200	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
IV 100	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
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

720

USAF ETAC

FORM
JUL 64

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE B. C. COAST APT
STATION NAME

61-66
YEARS

2100-2300
HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .02	≥ 0
NO CEILING	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
IV 20000	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 18000	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 16000	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 14000	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 12000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 10000	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 9000	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 8000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 7000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 6000	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 5000	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 4500	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 4000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 3500	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 3000	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 2500	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
IV 2000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1800	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	98.8	98.8	98.8	98.8	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 1200	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	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 800	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 700	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 600	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
IV 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
IV 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
IV 300	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
IV 200	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	99.9	99.9
IV 100	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	99.9	99.9
IV 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

720

USAF ETAC

FORM
JUL 64

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

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/PAC

CEILING VERSUS VISIBILITY

25247 WILLIAMS LAKE AFB LT ART

01-68

YEARS

MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS, LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.2
≥ 20000	63.7	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 18000	63.7	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 16000	63.7	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 14000	65.1	65.6	65.7	65.7	65.9	65.9	65.9	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.4
IV 12000	67.2	67.6	67.7	67.7	67.9	67.9	67.9	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.4
IV 10000	73.8	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.7	74.7	74.7	74.7	74.7	74.7	75.0
IV 9000	75.4	75.7	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.6
IV 8000	78.8	79.2	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	80.1
IV 7000	82.5	83.3	83.5	83.5	84.0	84.0	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.5
IV 6000	85.6	86.6	86.7	86.7	87.2	87.2	87.2	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.8
IV 5000	88.2	89.1	89.2	89.2	89.8	89.8	89.8	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.3
IV 4500	90.1	90.2	90.3	90.3	90.9	90.9	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.4
IV 4000	91.0	92.1	92.2	92.2	92.7	92.7	92.7	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.3
IV 3500	91.1	92.3	92.3	92.3	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.5
IV 3000	92.1	93.3	93.4	93.4	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.5
IV 2500	92.9	94.1	94.2	94.4	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.3
IV 2000	92.9	94.1	94.2	94.4	94.9	94.9	94.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.7
IV 1800	93.0	94.2	94.4	94.5	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.7
IV 1500	93.1	94.4	94.5	94.9	95.6	95.6	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.2
IV 1200	93.7	94.9	95.0	95.6	96.4	96.4	96.4	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	97.0
IV 1000	93.8	95.0	95.2	95.7	96.5	96.5	96.5	96.5	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.3
IV 900	93.8	95.0	95.2	95.7	96.5	96.5	96.5	96.5	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.3
IV 800	93.8	95.0	95.2	95.7	96.5	96.5	96.5	96.5	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.3
IV 700	94.1	95.3	95.4	96.0	96.8	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.6
IV 600	94.4	95.6	95.7	96.2	97.0	97.0	97.0	97.0	97.0	97.7	97.7	97.7	97.7	97.7	97.7	98.0
IV 500	94.5	95.7	95.8	96.4	97.2	97.2	97.2	97.2	97.2	97.8	97.8	97.8	97.8	97.8	97.8	98.0
IV 400	94.6	95.8	96.1	96.8	97.6	97.6	97.6	97.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.9
IV 300	94.6	95.8	96.1	96.8	97.6	97.6	97.6	97.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.9
IV 200	94.6	96.1	96.4	97.0	98.0	98.0	98.0	98.0	98.0	98.9	98.9	98.9	98.9	98.9	98.9	99.2
IV 100	94.6	96.2	96.5	97.2	98.4	98.4	98.4	98.4	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.6
IV 0	94.6	96.2	96.5	97.2	98.4	98.4	98.4	98.4	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.6

TOTAL NUMBER OF OBSERVATIONS

744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

23247
STATION

WILLIAMS LAKE B.C. OUT APT
STATION NAME

01-68
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.2	≥.16	≥.1
NO CEILING	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.5	53.5	53.9	53.9	54.4	54.4
≥ 20000	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.9	57.1	57.1	57.5	57.5	58.2	58.2
≥ 18000	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.9	57.1	57.1	57.5	57.5	58.2	58.2
≥ 16000	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.9	57.1	57.1	57.5	57.5	58.2	58.2
≥ 14000	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.4	59.4	59.4	59.8	59.8	60.6	60.6
≥ 12000	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	62.0	62.2	62.2	62.6	62.6	63.4	63.4
≥ 10000	67.2	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	68.0	68.3	68.3	68.7	68.7	69.5	69.5
≥ 9000	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.8	70.0	70.0	70.4	70.4	71.2	71.2
≥ 8000	73.1	73.7	73.7	73.8	73.8	73.8	73.8	74.1	74.1	74.2	74.5	74.5	75.0	75.0	76.3	76.3
≥ 7000	77.2	77.7	77.8	78.0	78.4	78.4	78.5	78.5	78.6	78.8	79.2	79.2	79.8	79.8	81.2	81.2
≥ 6000	78.5	79.3	79.2	79.3	79.7	79.7	79.8	80.0	80.0	80.1	80.5	80.5	81.2	81.2	82.5	82.5
≥ 5000	83.7	84.4	84.5	84.7	85.1	85.1	85.2	85.3	85.3	85.5	85.9	85.9	86.6	86.6	87.9	87.9
≥ 4500	84.4	84.9	85.1	85.2	85.6	85.6	85.8	85.9	85.9	86.0	86.4	86.4	87.1	87.1	88.4	88.4
≥ 4000	86.6	87.4	87.5	87.6	88.2	88.2	88.3	88.4	88.4	88.6	89.0	89.0	89.7	89.7	91.0	91.0
≥ 3500	86.7	87.5	87.8	87.9	88.4	88.4	88.6	88.7	88.7	88.8	89.2	89.2	89.9	89.9	91.3	91.3
≥ 3000	87.6	88.6	89.0	89.1	89.8	89.8	89.9	90.1	90.1	90.2	90.6	90.6	91.3	91.3	92.6	92.6
≥ 2500	88.2	89.1	89.5	89.7	90.3	90.3	90.5	90.5	90.6	90.7	91.1	91.1	91.8	91.8	93.1	93.1
≥ 2000	88.4	89.7	90.1	90.3	91.1	91.1	91.3	91.4	91.4	91.5	91.9	91.9	92.6	92.6	94.0	94.0
≥ 1800	88.4	89.7	90.1	90.3	91.1	91.1	91.3	91.4	91.4	91.5	91.9	91.9	92.6	92.6	94.0	94.0
≥ 1500	88.7	89.9	90.5	91.1	91.9	91.9	92.4	92.4	92.5	92.5	92.9	92.9	93.5	93.5	94.9	94.9
≥ 1200	89.0	90.2	90.7	91.4	92.2	92.2	92.4	92.7	92.7	92.9	93.3	93.3	94.0	94.0	95.3	95.3
≥ 1000	89.7	90.9	91.4	92.2	93.1	93.1	93.7	93.8	93.8	94.0	94.4	94.4	95.0	95.0	96.4	96.4
≥ 900	89.9	91.1	91.7	92.5	93.4	93.4	94.0	94.1	94.1	94.2	94.6	94.6	95.3	95.3	96.6	96.6
≥ 800	89.9	91.4	91.9	92.7	93.7	93.7	94.4	94.4	94.4	94.5	94.9	94.9	95.6	95.6	96.9	96.9
≥ 700	90.1	91.5	92.1	92.9	93.8	93.8	94.4	94.5	94.5	94.6	95.0	95.0	95.7	95.7	97.0	97.0
≥ 600	90.3	91.8	92.3	93.3	94.2	94.2	94.8	94.9	94.9	95.0	95.4	95.4	96.1	96.1	97.4	97.4
≥ 500	90.3	91.8	92.3	93.3	94.2	94.2	94.8	94.9	94.9	95.0	95.4	95.4	96.1	96.1	97.4	97.4
≥ 400	90.3	91.9	92.5	93.4	94.3	94.3	94.9	95.0	95.0	95.1	95.5	95.5	96.2	96.2	97.5	97.5
≥ 300	90.3	91.9	92.5	93.4	94.3	94.3	94.9	95.0	95.0	95.1	95.5	95.5	96.2	96.2	97.5	97.5
≥ 200	90.3	91.9	92.5	93.4	94.3	94.3	94.9	95.0	95.0	95.1	95.5	95.5	96.2	96.2	97.5	97.5
≥ 100	90.3	91.9	92.5	93.4	94.3	94.3	94.9	95.0	95.0	95.1	95.5	95.5	96.2	96.2	97.5	97.5
≥ 0	90.3	91.9	92.5	93.4	94.3	94.3	94.9	95.0	95.0	95.1	95.5	95.5	96.2	96.2	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS

744

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE 3000 FT APT
STATION NAME

61-88
YEAR

YEARS

0-1
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥3/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	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	53.4	53.5	53.5
≥ 20000	54.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.3	59.5
IV 18000	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.3	59.5
IV 16000	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.5	59.5
IV 14000	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.6	61.8
IV 12000	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.5	65.6	65.9
IV 10000	71.6	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.7	72.8	73.1
IV 9000	73.1	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.1	74.2	74.5
IV 8000	77.2	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.4	78.5	78.8
IV 7000	78.5	79.6	79.7	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.8	81.0	81.0
IV 6000	79.7	80.6	80.8	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.7	81.9	82.1
IV 5000	82.6	83.7	83.9	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.8	84.9	85.2
IV 4500	82.9	83.9	84.0	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.9	85.1	85.3
IV 4000	84.3	85.3	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.7	86.9	87.1
IV 3500	84.5	85.8	85.9	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.1	87.2	87.5
IV 3000	85.6	87.0	87.1	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.4	88.6	88.8
IV 2500	86.3	87.8	87.9	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	89.2	89.4	89.7
IV 2000	87.2	89.1	89.4	89.8	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	91.1	91.3	91.5
IV 1800	87.4	89.2	89.5	89.9	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	91.3	91.4	91.7
IV 1500	87.8	89.7	89.9	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.8	91.9	92.2
IV 1200	88.2	90.1	90.3	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.3	92.5	92.7
IV 1000	88.4	90.9	91.1	91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.4	93.5	93.8
IV 900	89.1	91.5	91.9	92.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	94.2	94.4	94.6
IV 800	89.5	92.1	92.5	93.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.8	94.9	95.2
IV 700	89.8	92.3	93.3	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	95.4	95.6	95.8
IV 600	90.1	92.6	93.3	94.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	96.0	96.1	96.4
IV 500	90.1	92.9	93.5	94.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	96.5	96.6	96.9
IV 400	90.2	93.4	94.4	95.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	97.4	97.6	97.8
IV 300	90.2	93.4	94.4	95.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	97.4	97.6	97.8
IV 200	90.3	93.5	94.5	95.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	97.4	97.6	97.8
IV 100	90.3	93.5	94.5	95.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.8	98.1	98.2
IV 0	90.3	93.5	94.5	95.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.8	98.1	98.2

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL 1) PROVIDES ETAC SERVICE FORMS ARE ORIGINATED

DATA PROCESSING DIVISION
USAF ETAC
AIR FIGHTER SERVICE/TAC

CEILING VERSUS VISIBILITY

23247 WILLIAMS LAKE R C OUT APT

01-69

YEARS

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000	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 18000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 16000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 14000	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 12000	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 10000	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 9000	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
IV 8000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 7000	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 6000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 5000	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 4500	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 4000	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
IV 3500	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 3000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
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	93.0	93.0	93.0	93.0	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	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1500	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
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	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 900	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 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	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	98.0	98.0
IV 600	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 10-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR CATER SERVICE/160

CEILING VERSUS VISIBILITY

STATION: WILLIAMS LANE H.C. UT 107

01-63

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 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	50.4	50.4	50.4
≥ 18000	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 16000	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 14000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 12000	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 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	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 8000	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 7000	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	65.1
≥ 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	68.3
≥ 5000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 4500	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4000	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
≥ 3500	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	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
≥ 1500	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	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	99.9	99.9
≥ 400	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	99.9	99.9
≥ 300	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	99.9	99.9
≥ 200	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	99.9	99.9
≥ 100	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	99.9	99.9
≥ 0	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	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14.5 (OL) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR-WEATHER SERVICE/AL

CEILING VERSUS VISIBILITY

252.2 TOLSON LINE 3 C. 1.1 APT

61-60

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

CEILING - FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.10	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING ≥ 20000	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 18000	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 16000	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 14000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 12000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 10000	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 9000	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 8000	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 7000	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
≥ 6000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000	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	74.4	74.4
≥ 4500	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3500	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 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
≥ 900	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
≥ 800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER ENTWICKLE

CEILING VERSUS VISIBILITY

5240
FORM 64

WILLIAM S. CROOK, JR., DT ART

61-00

1001

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-20-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
IV 18000	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 16000	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
IV 14000	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 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
IV 10000	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 9000	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 8000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 7000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 6000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 5000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 4500	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 4000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 3500	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 3000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 2500	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
IV 2000	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
IV 1800	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	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	98.7	98.7
IV 1200	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 1000	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
IV 900	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	99.9	99.9
IV 800	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
IV 700	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
IV 600	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
IV 500	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
IV 400	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
IV 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
IV 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
IV 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
IV 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

744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR FEA T FR SERVICE/AC

CEILING VERSUS VISIBILITY

2524/

WILLIAMS LAKE A.C. OUT ART

01-62

YEARS

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

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	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 20000	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	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 16000	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 14000	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 12000	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 10000	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 9000	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 8000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 7000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 6000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 5000	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
IV 4500	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 4000	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 3500	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 3000	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 2500	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
IV 2000	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	98.7	98.7
IV 1800	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	98.7	98.7
IV 1500	98.8	98.8	98.8	98.8	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 1200	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 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
IV 900	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 800	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 700	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 400	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	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 200	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 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	99.3	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

TOTAL NUMBER OF OBSERVATIONS

744

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR TEST SERVICE/HAC

CEILING VERSUS VISIBILITY

22267

-ILLIAMS LAKE C OUT APT

01-68

1968

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	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING ≥ 20000	67.9	64.5	64.8	64.9	64.9	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 18000 N 16000	67.9	67.4	67.7	67.9	67.9	68.2	68.3	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3
≥ 14000 N 12000	68.1	69.8	73.0	70.2	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5
≥ 10000 N 9000	74.0	75.2	76.5	76.6	76.6	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0
≥ 8000 N 7000	79.4	81.2	81.6	81.7	81.7	81.9	81.9	82.1	82.1	82.0	82.0	82.0	82.0	82.0	82.1	82.1
≥ 6000 N 5000	85.7	88.4	88.8	89.7	89.8	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.5	89.5
≥ 4500 N 4000	91.3	93.4	93.8	94.1	94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6
≥ 3500 N 3000	92.7	94.9	95.3	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.1	96.1
≥ 2500 N 2000	94.0	96.2	96.8	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800 N 1500	94.0	96.2	96.8	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200 N 1000	94.0	96.2	96.8	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900 N 800	94.1	96.4	97.0	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1
≥ 700 N 600	94.5	96.8	97.4	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.5
≥ 500 N 400	94.6	97.2	97.8	98.4	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9
≥ 300 N 200	94.6	97.2	98.0	98.5	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1
≥ 100 N 0	94.6	97.2	98.0	98.5	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS

744

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

2

DATA PROCESSING DIVISION
USAF ETAC
AFB FORT BRAG

CEILING VERSUS VISIBILITY

25247

WILLIAMS LAKE H.C. DET ART

01-60

YEAR

UNIT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING	56.7	57.9	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.5	58.5	58.5	58.5	58.6	58.6	58.7
≥ 20000	58.3	59.8	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 18000	58.3	59.8	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 16000	58.6	59.9	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 14000	60.9	62.2	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.9	62.9	63.8
IV 12000	63.2	64.5	64.8	64.8	64.8	64.8	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.3	65.3	66.3
IV 10000	68.4	70.0	70.3	70.4	70.4	70.4	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.8	70.8	72.8
IV 9000	69.9	71.6	71.9	72.0	72.0	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.4	72.4	73.8
IV 8000	74.8	76.5	76.9	77.0	77.0	77.0	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.4	77.4	78.8
IV 7000	76.2	80.1	80.6	80.8	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.3	81.3	82.7
IV 6000	80.6	82.5	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.7	83.7	85.1
IV 5000	83.8	86.4	87.2	87.4	87.5	87.5	87.6	87.6	87.6	87.8	87.8	87.8	87.8	88.0	88.0	89.4
IV 4500	84.4	87.0	87.8	87.9	88.0	88.0	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.6	88.6	89.9
IV 4000	86.7	89.2	90.2	90.3	90.3	90.3	90.6	90.6	90.6	90.7	90.7	90.7	90.7	91.0	91.0	92.3
IV 3500	88.2	90.7	91.8	91.9	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.6	92.6	94.0
IV 3000	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 2500	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 2000	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 1800	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 1500	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 1200	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 1000	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 900	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 800	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 700	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 600	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 500	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 400	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 300	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 200	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 100	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 0	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4

TOTAL NUMBER OF OBSERVATIONS

744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25247 WILLIAMS LAKE C. F. PT APT

61-08

YEARS

2166

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0300

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	50.5	51.7	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.6	51.0	53.0	54.3
≥ 20000	73.3	55.2	55.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.6	57.2	57.3
≥ 18000	53.5	55.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.6	57.3	57.3
≥ 16000	55.8	55.3	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	57.5	58.2
≥ 14000	55.6	57.7	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.9	59.7	60.4
≥ 12000	56.3	60.2	61.2	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.7	62.3	63.2
≥ 10000	64.2	66.1	67.2	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	68.1	69.3	69.6
≥ 9000	66.0	69.2	71.0	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.9	72.6	73.4
≥ 8000	71.6	73.7	74.7	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.7	76.5	77.2
≥ 7000	74.3	75.3	77.4	77.3	77.8	77.3	77.6	78.1	78.0	78.0	78.0	78.0	78.0	78.4	79.2	79.8
≥ 6000	76.5	78.8	79.8	80.2	80.2	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.8	81.9	82.3
≥ 5000	79.6	81.9	82.9	83.3	83.3	83.3	83.3	83.5	83.6	83.6	83.6	83.6	83.6	84.0	84.9	85.6
≥ 4500	79.7	82.0	83.1	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	84.1	85.1	85.6
≥ 4000	82.4	84.8	85.9	86.6	86.6	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	87.2	88.2	88.8
≥ 3500	82.7	85.1	86.2	86.9	86.8	86.8	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.5	88.4	89.1
≥ 3000	84.3	86.8	88.0	88.7	88.8	88.8	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.7	90.6	91.3
≥ 2500	85.2	87.9	89.1	89.8	90.2	90.2	90.3	90.3	90.6	90.6	90.6	90.6	90.6	91.0	91.9	92.6
≥ 2000	86.2	88.7	89.9	90.7	91.1	91.1	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.9	92.9	93.5
≥ 1800	86.3	88.8	90.1	90.9	91.3	91.3	91.4	91.5	91.7	91.7	91.7	91.7	91.7	92.1	93.0	93.7
≥ 1500	86.3	89.0	90.2	91.0	91.4	91.4	91.5	91.7	91.8	91.8	91.8	91.8	91.8	92.2	93.1	93.8
≥ 1200	86.8	89.5	90.7	91.5	91.9	91.9	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.7	93.7	94.4
≥ 1000	87.2	90.1	91.3	92.2	92.6	92.6	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.4	94.4	95.0
≥ 900	87.6	90.7	92.1	93.0	93.5	93.5	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.4	95.3	96.0
≥ 800	87.6	90.7	92.2	93.1	93.7	93.7	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.5	95.4	96.1
≥ 700	87.6	90.9	92.3	93.3	94.0	94.0	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.8	95.7	96.4
≥ 600	87.8	91.1	92.6	93.5	94.2	94.2	94.4	94.5	94.6	94.6	94.6	94.6	94.6	95.0	95.9	96.6
≥ 500	87.9	91.4	92.9	93.8	94.5	94.5	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.4	96.4	97.0
≥ 400	87.9	91.4	92.9	94.0	94.9	94.9	95.3	95.7	95.8	96.0	96.0	96.0	96.0	96.4	97.4	98.3
≥ 300	87.9	91.4	92.9	94.0	95.0	95.0	95.6	96.0	96.1	96.2	96.2	96.2	96.2	96.6	97.7	98.5
≥ 200	87.9	91.4	92.9	94.0	95.0	95.0	95.7	96.1	96.2	96.3	96.3	96.3	96.3	97.2	98.4	99.1
≥ 100	87.9	91.4	92.9	94.0	95.0	95.0	95.7	96.1	96.2	96.3	96.3	96.3	96.3	97.2	98.5	99.7
≥ 0	87.9	91.4	92.9	94.0	95.0	95.0	95.7	96.1	96.2	96.3	96.3	96.3	96.3	97.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

FORM
JUL 64

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER ELVIS/ABC

CEILING VERSUS VISIBILITY

5247 WILLIAMS LOCK R C LT ART

01-68

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING	49.9	49.9	49.7	50.5	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	55.3	56.0	56.4	57.2	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 18000	55.7	56.4	56.8	57.0	58.0	58.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000	55.9	56.5	56.9	57.7	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 14000	57.6	58.3	58.3	59.6	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 12000	61.0	62.4	63.0	63.9	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 10000	67.7	68.4	68.9	70.0	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 9000	69.6	70.3	70.8	71.9	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 8000	74.3	75.0	75.5	76.6	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 7000	75.9	76.6	77.1	78.2	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	77.4	77.9	78.5	79.5	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	79.7	80.6	81.2	82.2	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	79.9	80.9	81.4	82.5	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4000	82.2	83.4	84.0	85.1	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3500	82.4	83.6	84.1	85.2	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3000	83.9	85.1	85.8	86.8	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2500	87.1	88.3	89.0	90.0	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000	89.2	90.4	91.1	92.2	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	89.4	90.6	91.3	92.3	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	91.4	92.6	93.3	94.3	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	92.3	93.5	94.3	95.4	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	93.0	94.2	95.2	96.2	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	93.3	94.8	95.7	96.8	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	93.3	94.8	95.8	96.9	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	93.3	95.2	96.2	97.3	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	93.3	95.4	96.5	97.6	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	93.7	96.0	97.0	98.1	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	93.7	96.1	97.2	98.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	93.7	96.1	97.2	98.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.7	96.1	97.2	98.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.7	96.1	97.2	98.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.7	96.1	97.2	98.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

743

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

25247 WILLIAMS LAKE (C) OUT APT

01-68

YEARS

1968

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	40.4	47.2	47.0	47.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 20000	34.8	34.8	35.0	35.1	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 18000	34.7	35.3	35.4	35.5	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 16000	35.1	35.4	35.4	35.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 14000	36.7	37.3	37.4	37.5	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 12000	60.0	60.9	61.3	61.4	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 10000	65.1	65.3	65.7	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 9000	66.4	67.7	67.6	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 8000	69.6	69.9	70.3	70.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	71.4	71.9	72.0	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000	72.8	73.3	73.3	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	75.0	75.9	77.3	77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	77.2	77.4	77.8	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4000	83.2	83.5	83.9	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	84.1	84.4	84.8	84.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3000	89.2	89.7	90.3	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	92.5	93.1	93.8	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	95.0	95.7	96.4	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	95.3	96.3	96.6	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	96.2	97.0	97.7	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	96.5	97.4	98.1	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	96.5	97.7	98.4	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	96.6	97.8	98.5	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	96.6	97.8	98.5	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	96.6	98.0	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	96.6	98.0	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	96.6	98.0	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	96.6	98.0	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	96.6	98.0	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	96.6	98.0	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	96.6	98.0	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	96.6	98.0	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

744

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EAT ER EVICE/AC

CEILING VERSUS VISIBILITY

25247 WILLIAMS FORT 1000 FT

01-68

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥1/4	≥1/8	≥5/16	≥1/8
NO CEILING	42.6	42.6	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
≥ 20000	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 18000	54.0	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 16000	54.6	54.6	54.6	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
≥ 14000	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 12000	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 10000	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 9000	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 8000	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 7000	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 6000	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4500	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4000	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3500	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3000	93.1	93.1	93.1	93.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	96.4	96.4	96.4	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	97.4	97.4	97.4	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	97.4	97.4	97.4	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	97.4	97.4	97.4	97.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	99.3	99.3	99.3	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
≥ 1000	99.3	99.3	99.3	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
≥ 900	99.3	99.3	99.3	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
≥ 800	99.3	99.3	99.3	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
≥ 700	99.3	99.3	99.3	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
≥ 600	99.3	99.3	99.3	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
≥ 500	99.3	99.3	99.3	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
≥ 400	99.3	99.3	99.3	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
≥ 300	99.3	99.3	99.3	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
≥ 200	99.3	99.3	99.3	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
≥ 100	99.3	99.3	99.3	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
≥ 0	99.3	99.3	99.3	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

TOTAL NUMBER OF OBSERVATIONS

744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR FEAT FR SE MILE/AC

CEILING VERSUS VISIBILITY

652.7
STATION

WILLIAMS LAKE C DUT APT
STATION NAME

61-62
YEARS

116
MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-00-2000
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .4	≥ .3	≥ .2	≥ .1	≥ .05	≥ 0
NO CEILING	48.1	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.7	48.7	48.9	48.9	48.9	48.9
≥ 20000	55.6	55.9	55.9	55.9	55.9	55.9	56.1	56.1	56.1	56.2	56.2	56.2	56.5	56.5	56.5	56.5
IV 18000	56.1	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.9	56.9	57.1	57.1	57.1	57.1
IV 16000	57.4	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.9	57.9	58.2	58.2	58.2	58.2
IV 14000	61.6	61.8	61.8	61.8	61.8	61.8	62.0	62.0	62.0	62.0	62.1	62.1	62.4	62.4	62.4	62.4
IV 12000	65.6	65.9	65.9	65.9	65.9	65.9	66.3	66.3	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6
IV 10000	70.6	70.8	70.8	70.8	71.0	71.0	71.1	71.1	71.1	71.1	71.2	71.2	71.5	71.5	71.5	71.5
IV 9000	72.0	72.3	72.3	72.3	72.4	72.4	72.6	72.6	72.6	72.6	72.7	72.7	73.0	73.0	73.0	73.0
IV 8000	74.5	74.7	74.7	74.7	74.9	74.9	75.3	75.3	75.3	75.3	75.5	75.5	75.4	75.4	75.4	75.4
IV 7000	75.8	76.1	76.1	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.5	76.5	76.7	76.7	76.7	76.7
IV 6000	77.4	77.7	77.7	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.1	78.1	78.4	78.4	78.4	78.4
IV 5000	81.3	81.6	81.6	81.6	81.7	81.7	81.9	81.9	81.9	81.9	82.0	82.0	82.3	82.3	82.3	82.3
IV 4500	82.0	82.3	82.3	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.7	82.7	82.9	82.9	82.9	82.9
IV 4000	88.4	88.7	88.7	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.1	89.1	89.4	89.4	89.4	89.4
IV 3500	90.9	90.3	90.3	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.7	90.7	91.0	91.0	91.0	91.0
IV 3000	94.0	95.2	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.6	95.6	95.8	95.8	95.8	95.8
IV 2500	95.6	96.2	96.2	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.9	96.9	96.9	96.9
IV 2000	96.6	97.7	97.7	97.7	97.8	97.8	98.0	98.1	98.1	98.1	98.3	98.3	98.5	98.5	98.5	98.5
IV 1800	96.9	98.0	98.0	98.0	98.4	98.4	98.5	98.7	98.7	98.7	98.8	98.8	99.1	99.1	99.1	99.1
IV 1500	96.9	98.0	98.0	98.0	98.4	98.4	98.5	98.7	98.7	98.7	98.8	98.8	99.1	99.1	99.1	99.1
IV 1200	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 1000	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 900	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 800	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 700	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 600	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 500	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 400	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 300	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 200	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 100	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 0	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
SAFETY
AIR FATER SERVICE/AC

CEILING VERSUS VISIBILITY

5267 JULIUS LAKE H G UNIT ART

61-60

YEAR:

MONTH:

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)2100-2300
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥1/4	≥1/8	≥1/16	≥0
NO CEILING ≥ 20000	58.7	59.7	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.3	60.3	60.3
IV 18000	62.6	63.6	63.8	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.2	64.2	64.2
IV 16000	63.4	64.1	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.8	64.8	64.8
IV 14000	63.8	64.8	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.5	65.5	65.5
IV 12000	66.8	67.7	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.4	68.4	68.4
IV 10000	69.2	70.2	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8	70.8
IV 9000	73.8	75.9	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.6	76.6	76.6
IV 8000	76.6	77.6	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.2	78.2	78.2
IV 7000	79.4	79.8	80.1	80.1	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5
IV 6000	82.4	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.1	83.1	83.1
IV 5000	85.4	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5	85.5
IV 4500	87.0	88.4	88.7	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.2	89.2	89.2
IV 4000	90.0	90.1	90.3	90.3	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	91.0	91.0	91.0
IV 3500	92.1	93.7	94.0	94.0	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6
IV 3000	95.2	95.1	95.0	95.0	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.7	95.7	95.7
IV 2500	96.8	96.9	97.2	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8
IV 2000	97.2	97.3	97.6	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.3
IV 1800	97.7	98.0	98.3	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9
IV 1500	98.1	98.4	98.7	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3
IV 1200	98.2	98.8	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 1000	98.2	98.8	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 900	98.2	98.8	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 800	98.2	98.8	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 700	98.2	98.8	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 600	98.2	98.8	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 500	98.2	98.8	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 400	98.2	98.8	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 300	98.2	98.8	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 200	98.2	98.8	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 100	98.2	98.8	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 0	98.2	98.8	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE ENGINEERING

CEILING VERSUS VISIBILITY

65247
STATION

WILLIAMS LAKE H. G. CO. RT
STATION NAME

51-66
EARS

MONTHS

0000-0200
HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	54.9	55.3	55.4	55.8	55.8	55.8	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 20000	60.3	60.4	60.7	60.7	61.3	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	62.2
≥ 18000	60.8	61.0	61.3	61.3	61.3	61.3	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.4	62.4
≥ 16000	60.8	61.3	61.3	61.3	61.3	61.3	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.4	62.4
≥ 14000	64.0	64.2	64.4	64.4	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.6	66.0
≥ 12000	63.4	69.3	69.3	69.3	69.9	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.9
≥ 10000	75.6	76.3	76.3	76.3	76.4	76.4	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.4	77.9
≥ 9000	77.1	77.2	77.3	77.3	78.1	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	79.0
≥ 8000	79.3	79.3	79.9	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	81.0	81.4
≥ 7000	85.0	85.3	85.6	85.6	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	87.2
≥ 6000	87.6	87.9	88.2	88.2	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.9
≥ 5000	90.3	90.6	90.8	90.8	91.5	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.1	92.3
≥ 4500	90.7	91.0	91.3	91.3	91.9	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.9
≥ 4000	92.4	92.6	92.9	92.9	93.6	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.2	94.6
≥ 3500	92.8	93.2	93.5	93.5	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	95.1
≥ 3000	93.3	93.4	94.0	94.0	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.3	95.7
≥ 2500	93.6	94.2	94.4	94.4	95.1	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	96.1
≥ 2000	94.0	94.9	95.1	95.1	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.8
≥ 1800	94.2	95.1	95.4	95.4	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.7	97.1
≥ 1500	94.2	95.1	95.4	95.4	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.7	97.1
≥ 1200	94.4	95.6	95.8	95.8	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.6
≥ 1000	94.4	95.6	96.0	96.0	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.6	98.1
≥ 900	94.4	95.7	96.1	96.1	97.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8	98.2
≥ 800	94.4	96.1	96.5	96.5	97.3	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.2	98.6
≥ 700	95.0	96.4	96.8	96.8	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.9
≥ 600	95.0	96.4	96.8	96.8	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.9
≥ 500	95.0	96.5	96.9	96.9	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6	99.0
≥ 400	95.0	96.5	96.9	96.9	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6	99.0
≥ 300	95.0	96.5	96.9	96.9	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	99.2
≥ 200	95.0	96.5	96.9	96.9	98.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.4
≥ 100	95.0	96.5	96.9	96.9	98.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.4
≥ 0	95.0	96.5	96.9	96.9	98.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25257 WILLIAMS LAKE R/C FLD APT

01-08

YEARS

25P

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2400-0200
HOURS

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	51.4	51.8	51.8	52.1	52.5	52.5	52.8	52.8	52.8	52.9	53.1	53.1	53.6	53.6	54.3	54.7
≥ 20000	56.1	56.1	56.1	56.4	56.6	56.8	57.1	57.1	57.1	57.2	57.4	57.4	57.9	57.9	58.8	59.2
≥ 18000	56.1	56.1	56.1	56.4	56.6	56.8	57.1	57.1	57.1	57.2	57.4	57.4	57.9	57.9	58.8	59.2
≥ 16000	56.1	56.1	56.1	56.4	56.6	56.8	57.1	57.1	57.1	57.2	57.4	57.4	57.9	57.9	58.8	59.2
≥ 14000	59.3	59.3	59.3	59.6	60.0	60.0	60.3	60.3	60.3	60.4	60.6	60.6	61.1	61.1	61.8	62.2
≥ 12000	63.9	63.9	63.9	64.2	64.6	64.6	64.9	64.9	64.9	65.0	65.1	65.1	65.7	65.7	66.4	66.8
≥ 10000	70.4	70.6	70.6	70.8	71.3	71.3	71.5	71.5	71.5	71.7	71.8	71.8	72.4	72.4	73.1	73.5
≥ 9000	72.1	72.2	72.2	72.4	72.9	72.9	73.3	73.3	73.3	73.5	73.6	73.6	74.2	74.2	74.9	75.3
≥ 8000	75.6	75.8	75.8	76.1	76.5	76.5	77.2	77.2	77.2	77.4	77.5	77.5	78.1	78.1	78.8	79.2
≥ 7000	79.4	79.7	79.7	80.0	80.4	80.4	81.1	81.1	81.1	81.5	81.7	81.7	82.2	82.2	82.9	83.3
≥ 6000	81.4	81.7	81.7	81.9	82.4	82.4	83.1	83.1	83.1	83.8	83.9	83.9	84.4	84.4	85.1	85.6
≥ 5000	85.3	85.6	85.6	85.8	86.3	86.3	86.9	86.9	86.9	87.6	87.8	87.8	88.3	88.3	89.0	89.4
≥ 4500	85.7	86.0	86.0	86.3	86.7	86.7	87.4	87.4	87.4	88.1	88.2	88.2	88.8	88.8	89.4	89.9
≥ 4000	87.8	88.2	88.2	88.5	88.9	88.9	89.6	89.6	89.6	90.3	90.4	90.4	91.0	91.0	91.7	92.1
≥ 3500	88.2	88.5	88.5	88.9	89.2	89.2	89.6	90.3	90.3	90.3	91.0	91.1	91.1	91.7	91.7	92.4
≥ 3000	88.9	89.3	89.3	89.6	90.0	90.0	90.7	90.7	90.7	90.7	91.4	91.5	91.5	92.1	92.1	92.8
≥ 2500	89.4	90.0	90.0	90.3	90.7	90.7	91.4	91.4	91.4	92.1	92.2	92.2	92.8	92.8	93.5	93.9
≥ 2000	90.1	90.8	90.8	91.1	91.5	91.5	92.2	92.2	92.2	92.9	93.1	93.1	93.6	93.6	94.3	94.7
≥ 1800	90.3	91.0	91.0	91.3	91.7	91.7	92.4	92.4	92.4	93.1	93.2	93.2	93.8	93.8	94.4	94.9
≥ 1500	90.5	91.3	91.3	91.5	91.9	91.9	92.6	92.6	92.6	93.3	93.5	93.5	94.0	94.0	94.7	95.1
≥ 1200	91.3	91.9	91.9	92.2	92.6	92.6	93.3	93.3	93.3	94.0	94.2	94.2	94.7	94.7	95.4	95.8
≥ 1000	91.3	92.8	92.8	93.1	93.5	93.5	94.2	94.2	94.2	94.9	95.0	95.0	95.6	95.6	96.4	96.8
≥ 900	91.8	92.8	92.8	93.1	93.5	93.5	94.2	94.2	94.2	94.9	95.0	95.0	95.6	95.6	96.4	96.8
≥ 800	91.8	92.8	92.8	93.1	93.5	93.5	94.2	94.2	94.2	94.9	95.0	95.0	95.6	95.6	96.4	96.8
≥ 700	91.4	92.8	92.8	93.1	93.5	93.5	94.2	94.2	94.2	94.9	95.0	95.0	95.6	95.6	96.4	96.8
≥ 600	92.1	93.1	93.1	93.5	93.9	93.9	94.6	94.6	94.6	95.3	95.4	95.4	96.0	96.0	96.6	97.2
≥ 500	92.5	93.6	93.6	94.0	94.4	94.4	95.1	95.1	95.1	96.0	96.1	96.1	96.9	96.9	97.8	98.2
≥ 400	92.6	93.8	93.8	94.2	94.6	94.6	95.3	95.3	95.3	96.1	96.3	96.3	97.1	97.1	97.9	98.3
≥ 300	92.6	93.8	93.8	94.2	94.6	94.6	95.3	95.3	95.3	96.1	96.3	96.3	97.1	97.1	97.9	98.3
≥ 200	92.6	93.8	93.8	94.2	94.6	94.6	95.3	95.3	95.3	96.1	96.3	96.3	97.1	97.1	97.9	98.3
≥ 100	92.6	93.8	93.8	94.2	94.6	94.6	95.3	95.3	95.3	96.1	96.3	96.3	97.1	97.1	97.9	98.3
≥ 0	92.6	93.8	93.8	94.2	94.6	94.6	95.3	95.3	95.3	96.1	96.3	96.3	97.1	97.1	97.9	98.3

TOTAL NUMBER OF OBSERVATIONS

720

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

ATC FIELD SERVICE DIVISION
USAF ETAC
AIR BASE, HICKAM AFB, HI

CEILING VERSUS VISIBILITY

22247
1/1/60

11110 5 11110 5 11110 5 11110 5

TEST

61-58

1/1/60

1/1/60

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0500-0800

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 20000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 18000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 16000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 14000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 12000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 10000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 9000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 8000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 7000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 6000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 5000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 4500	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 4000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 3500	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 3000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 2500	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 2000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 1800	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 1500	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 1200	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 1000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 900	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 800	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 700	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 600	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 500	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 400	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 300	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 200	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 100	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC 0-14 51011 0-14 51011 0-14 51011 0-14 51011

0967 - 1141-0 GARRA S. (PIT) APT

61-4-1

294

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100

[illegible]

TOTAL NUMBER OF OBSERVATIONS

72.

USAF ETAC

0-14-5 (OL 1) PREVIOUS EDITIONS OF THE CODE ARE OBSOLETE

DATE OF ISSUE: DIVISION
CLASSIFICATION
EVALUATION SERVICE/AC

CEILING VERSUS VISIBILITY

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-19-2010 BY 60322 UCBAW

6.2 = 12

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

TOTAL NUMBER OF OBSERVATIONS

250

USAF ETAC 0145 Q11 - ALL INFORMATION CONTAINED HEREIN IS OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AC

CEILING VERSUS VISIBILITY

25252

JULIAN'S CODE: 0001

01-01

YEAR

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12/27-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 20000	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 18000	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	53.3	53.3	53.3
≥ 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	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 12000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 9000	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
≥ 8000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 7000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 6000	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 5000	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4500	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	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
≥ 1800	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	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	99.9	99.9
≥ 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

720

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/440

CEILING VERSUS VISIBILITY

43247
STATION

WILLIAMS LAKE AFB, MT
FACILITY NAME

01-69
YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1 1/8	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING ≥ 20000	47.4	47.4	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
IV 18000	56.1	56.1	56.1	56.1	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4
IV 16000	56.9	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2
IV 14000	57.9	57.9	57.9	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2
IV 12000	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.1
IV 10000	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.5
IV 9000	73.9	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5
IV 8000	77.4	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
IV 7000	79.2	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.3
IV 6000	82.0	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6
IV 5000	84.7	85.4	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7
IV 4500	89.0	89.7	89.7	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0
IV 4000	90.1	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2
IV 3500	92.6	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.1
IV 3000	92.9	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6
IV 2500	93.3	96.8	96.8	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.4
IV 2000	96.1	97.9	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.5
IV 1800	96.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	99.0
IV 1500	96.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	99.0
IV 1200	96.4	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.4
IV 1000	96.5	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.6
IV 900	96.5	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.6
IV 800	96.5	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.6
IV 700	96.7	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.7
IV 600	96.7	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.7
IV 500	96.7	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.7
IV 400	96.7	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.7
IV 300	96.7	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.7
IV 200	96.7	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.7
IV 100	96.7	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.7
IV 0	96.7	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS

720

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

DATA PROCESSING DIVISION
USAF ETAC
AIR-TEACHER SERVICE/ATC

CEILING VERSUS VISIBILITY

25247

WILLIAMS LAKE CO. POT APT

61-62

YEAR

JEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.16	≥.1	≥0
NO CEILING	12.0	27.9	52.9	52.9	53.2	54.1	53.3	53.4	53.3	53.0	53.9	53.3	53.9	53.9	54.1	54.2
≥ 20000	18.4	59.2	59.2	59.2	59.3	59.3	59.0	59.0	59.0	59.9	60.1	60.1	60.1	60.1	60.4	60.4
IV 18000	10.1	60.4	50.4	60.4	60.4	60.0	60.3	60.3	60.8	61.1	61.4	61.3	61.4	61.4	61.7	61.7
IV 16000	10.3	60.5	60.0	60.6	60.7	60.7	61.0	61.0	61.0	61.3	61.5	61.5	61.5	61.5	61.7	61.7
IV 14000	10.6	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.5	66.9	67.1	67.1	67.1	67.1	67.4	67.4
IV 12000	70.0	70.3	70.3	70.3	70.4	70.4	70.7	70.7	70.7	71.0	71.3	71.3	71.3	71.3	71.3	71.3
IV 10000	77.3	77.9	77.9	77.9	78.1	78.1	78.4	78.4	78.3	78.6	78.9	78.9	78.9	78.9	79.1	79.2
IV 9000	79.4	79.9	79.9	79.9	80.0	80.0	80.3	80.3	80.3	80.5	80.8	80.8	80.8	80.8	81.1	81.1
IV 8000	81.1	81.5	81.5	81.5	81.7	81.7	81.9	81.9	81.9	82.2	82.5	82.5	82.5	82.5	82.8	82.8
IV 7000	85.0	85.1	86.1	86.1	86.3	86.3	86.3	86.4	86.5	86.8	87.1	87.1	87.1	87.1	87.4	87.4
IV 6000	88.1	88.6	88.6	88.6	88.8	88.8	89.0	89.0	89.0	89.3	89.6	89.6	89.6	89.6	89.9	89.9
IV 5000	91.1	91.7	91.7	91.7	91.9	91.9	92.2	92.2	92.2	92.5	92.7	92.7	92.7	92.8	93.1	93.1
IV 4500	92.2	92.9	92.9	92.9	93.2	93.2	93.3	93.3	93.5	93.3	94.0	94.0	94.0	94.0	94.3	94.3
IV 4000	93.2	93.9	93.9	94.0	94.3	94.3	94.6	94.6	94.6	94.9	95.1	95.1	95.1	95.1	95.4	95.4
IV 3500	93.6	94.3	94.3	94.4	94.7	94.7	95.0	95.0	95.0	95.3	95.6	95.6	95.6	95.6	95.8	95.8
IV 3000	94.4	95.3	95.3	95.4	95.7	95.7	96.0	96.0	96.0	96.3	96.5	96.5	96.5	96.5	96.8	96.8
IV 2500	95.1	96.3	96.3	96.4	96.7	96.7	96.9	96.9	96.9	97.2	97.5	97.5	97.5	97.5	97.8	97.8
IV 2000	95.6	97.2	97.2	97.4	97.6	97.6	97.9	97.9	97.9	98.2	98.5	98.5	98.5	98.5	98.8	98.8
IV 1800	95.6	97.4	97.4	97.5	97.8	97.8	98.1	98.1	98.1	98.3	98.6	98.6	98.6	98.6	98.9	98.9
IV 1500	95.7	97.5	97.5	97.8	98.1	98.1	98.3	98.3	98.3	98.6	98.9	98.9	98.9	98.9	99.2	99.2
IV 1200	95.7	97.5	97.5	97.8	98.1	98.1	98.3	98.3	98.3	98.6	98.9	98.9	98.9	98.9	99.2	99.2
IV 1000	95.7	97.5	97.5	97.8	98.3	98.3	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.4	99.4
IV 900	95.7	97.5	97.5	97.8	98.3	98.3	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.4	99.4
IV 800	95.7	97.5	97.5	97.8	98.3	98.3	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.4	99.4
IV 700	95.7	97.5	97.5	97.8	98.3	98.3	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.4	99.4
IV 600	95.7	97.5	97.5	97.8	98.3	98.3	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.4	99.4
IV 500	95.7	97.5	97.5	97.8	98.3	98.3	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.4	99.4
IV 400	95.7	97.5	97.5	97.8	98.3	98.3	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.4	99.4
IV 300	95.7	97.5	97.5	97.8	98.3	98.3	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.4	99.4
IV 200	95.7	97.5	97.5	97.8	98.3	98.3	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.4	99.4
IV 100	95.7	97.5	97.5	97.8	98.3	98.3	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.4	99.4
IV 0	95.7	97.5	97.5	97.8	98.3	98.3	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

727

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR FEAT BRANCH/40

CEILING VERSUS VISIBILITY

25247

STATION NAME: WILLIAMS FLD, OKLAHOTA

61-68

YEARS

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING - FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	45.5	47.4	47.6	47.6	47.7	47.7	48.0	48.3	48.0	48.0	48.1	48.1	48.7	49.7	48.8	48.8
IV 18000	52.7	53.8	53.8	53.8	53.9	53.9	54.2	54.5	54.2	54.2	54.3	54.3	54.8	54.8	55.2	55.2
IV 16000	54.0	55.0	55.1	55.1	55.2	55.2	55.5	55.5	55.5	55.5	55.6	55.6	56.2	56.2	56.3	56.3
IV 14000	54.2	55.1	55.2	55.2	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	56.3	56.3	56.5	56.5
IV 12000	57.5	58.5	58.8	58.8	58.7	58.7	59.0	59.0	59.0	59.0	59.1	59.1	59.7	59.7	60.1	60.2
IV 10000	62.2	63.2	63.3	63.3	63.4	63.4	63.8	63.8	63.8	63.8	64.0	64.0	64.5	64.5	64.7	65.1
IV 9000	70.4	71.4	71.5	71.5	71.6	71.6	72.0	72.0	72.0	72.0	72.2	72.2	72.7	72.7	73.1	73.1
IV 8000	71.8	72.7	72.8	72.8	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5	74.1	74.1	74.5
IV 7000	75.7	76.6	76.7	76.7	76.9	76.9	77.3	77.3	77.3	77.3	77.4	77.4	77.4	78.0	78.4	78.5
IV 6000	80.8	81.7	81.9	81.9	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.5	82.5	83.1	83.5	83.5
IV 5000	81.9	82.8	82.9	82.9	83.1	83.1	83.5	83.5	83.5	83.5	83.5	83.6	83.6	84.1	84.5	84.7
IV 4500	84.3	85.9	86.0	86.0	86.2	86.2	86.6	86.6	86.6	86.6	86.7	86.8	86.8	87.4	87.8	87.9
IV 4000	86.4	87.9	88.0	88.0	88.2	88.2	88.6	88.6	88.6	88.6	88.7	88.8	88.8	89.4	89.8	89.9
IV 3500	89.4	89.4	89.5	89.5	89.7	89.7	90.1	90.1	90.1	90.1	90.2	90.3	90.3	90.9	91.3	91.4
IV 3000	90.4	90.9	91.0	91.1	91.3	91.3	91.7	91.7	91.7	91.7	91.8	91.9	91.9	92.5	92.9	93.3
IV 2500	91.1	91.5	91.7	91.8	91.9	91.9	92.3	92.3	92.3	92.3	92.5	92.6	92.6	93.1	93.5	93.7
IV 2000	91.1	92.6	92.7	92.9	93.0	93.0	93.4	93.4	93.4	93.4	93.7	93.8	93.8	94.4	94.8	94.9
IV 1800	91.3	92.7	92.9	93.0	93.1	93.1	93.5	93.5	93.5	93.7	93.8	94.0	94.0	94.5	94.9	95.3
IV 1500	91.3	93.1	93.3	93.4	93.5	93.5	94.0	94.0	94.0	94.1	94.2	94.4	94.4	94.9	95.3	95.4
IV 1200	91.9	93.7	93.8	94.0	94.2	94.2	94.6	94.6	94.6	94.8	94.9	95.0	95.0	95.6	96.0	96.1
IV 1000	91.9	93.7	93.8	94.0	94.2	94.2	94.6	94.6	94.6	94.8	94.9	95.0	95.0	95.6	96.0	96.1
IV 900	91.9	93.7	93.8	94.0	94.2	94.2	94.6	94.6	94.6	94.8	94.9	95.0	95.0	95.6	96.0	96.1
IV 800	91.9	93.7	93.8	94.0	94.2	94.2	94.6	94.6	94.6	94.8	94.9	95.0	95.0	95.6	96.0	96.1
IV 700	91.9	93.7	93.8	94.0	94.2	94.2	94.6	94.6	94.6	94.8	94.9	95.0	95.0	95.6	96.0	96.1
IV 600	91.9	93.7	93.8	94.0	94.2	94.2	94.6	94.6	94.6	94.8	94.9	95.0	95.0	95.6	96.0	96.1
IV 500	92.1	93.8	94.0	94.1	94.4	94.4	94.9	94.9	95.0	95.3	95.4	95.4	95.4	96.0	96.4	96.6
IV 400	92.1	93.8	94.0	94.1	94.4	94.4	94.9	94.9	95.0	95.3	95.4	95.4	95.4	96.0	96.4	96.6
IV 300	92.1	94.1	94.4	95.0	95.3	95.3	95.8	95.8	96.0	96.2	96.4	96.4	96.4	97.0	97.3	97.8
IV 200	92.1	94.1	94.4	95.0	95.3	95.3	96.0	96.0	96.1	96.2	96.4	96.4	96.4	97.0	97.3	97.8
IV 100	92.1	94.1	94.4	95.0	95.3	95.3	96.1	96.1	96.1	96.4	97.2	97.3	97.3	98.1	98.4	98.9
IV 0	92.1	94.1	94.4	95.0	95.3	95.3	96.1	96.1	96.4	97.2	97.3	97.3	97.3	98.1	98.4	98.9

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATING SERVICE/AC

CEILING VERSUS VISIBILITY

05297 WILLIAMS LAKE H.C. MT APT

01-04

FEARS

0300-0500

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	≥.4	≥.3	≥.25	≥.2	≥.16	≥.1
NO CEILING ≥ 20000	42.7	42.9	43.0	43.4	43.3	43.3	43.3	43.3	43.3	43.7	43.7	43.7	44.4	44.4	44.4	45.2
≥ 18000	49.1	49.2	49.3	49.7	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.1	50.7	50.7	50.7	51.5
≥ 16000	50.1	50.3	50.4	50.8	50.9	50.9	50.9	50.9	50.9	51.1	51.1	51.2	51.7	51.7	52.0	52.6
≥ 14000	53.2	53.4	53.5	53.9	54.0	54.0	54.0	54.0	54.0	54.2	54.2	54.4	54.8	54.8	55.2	55.9
≥ 12000	57.0	57.9	58.1	58.3	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.9	59.4	59.4	59.8	60.6
≥ 10000	60.0	60.4	60.4	60.8	60.9	60.9	60.9	60.9	60.9	61.1	61.1	61.2	61.7	61.7	62.1	62.9
≥ 9000	70.0	67.9	68.0	68.4	68.5	68.5	68.5	68.5	68.5	68.7	68.7	68.9	69.4	69.4	69.8	70.7
≥ 8000	70.4	70.7	70.8	71.2	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	72.2	72.2	72.6	73.5
≥ 7000	75.9	76.2	76.3	76.7	77.0	77.0	77.0	77.0	77.0	77.2	77.3	77.4	78.0	78.0	78.4	79.3
≥ 6000	78.5	78.8	78.9	79.3	79.7	79.7	79.7	79.7	79.7	79.8	80.0	80.1	80.6	80.6	81.0	82.0
≥ 5000	81.7	82.4	82.5	83.1	83.3	83.3	83.3	83.3	83.3	83.6	83.7	83.7	84.4	84.4	84.8	85.8
≥ 4500	81.9	82.5	82.7	83.2	83.6	83.6	83.6	83.6	83.6	83.7	83.9	84.0	84.5	84.5	84.9	85.9
≥ 4000	82.8	83.5	83.6	84.1	84.5	84.5	84.5	84.5	84.5	84.7	84.8	84.9	85.5	85.5	85.9	86.5
≥ 3500	84.0	84.7	84.8	85.3	85.8	85.8	85.8	85.8	85.8	85.9	86.0	86.2	86.7	86.7	87.1	88.0
≥ 3000	86.0	86.7	86.8	87.4	87.8	87.8	87.8	87.8	87.8	87.9	88.0	88.2	88.7	88.7	89.1	90.1
≥ 2500	86.7	87.4	87.5	88.0	88.4	88.4	88.4	88.4	88.4	88.6	88.7	88.8	89.4	89.4	89.8	90.7
≥ 2000	87.9	88.6	88.8	89.4	89.9	89.9	89.9	89.9	89.9	90.1	90.2	90.3	90.9	90.9	91.3	92.2
≥ 1800	88.0	88.7	89.0	89.5	90.1	90.1	90.1	90.1	90.1	90.2	90.3	90.5	91.0	91.0	91.4	92.3
≥ 1500	88.0	89.2	89.3	90.1	90.6	90.6	90.6	90.6	90.6	90.7	90.9	91.0	91.5	91.5	91.9	92.9
≥ 1200	88.7	89.4	90.1	90.6	91.1	91.1	91.1	91.1	91.1	91.3	91.4	91.5	92.1	92.1	92.5	93.4
≥ 1000	88.7	89.2	90.2	90.7	91.3	91.3	91.3	91.3	91.3	91.4	91.5	91.7	92.2	92.2	92.6	93.5
≥ 900	88.7	89.3	90.2	90.7	91.3	91.3	91.3	91.3	91.3	91.4	91.5	91.7	92.2	92.2	92.6	93.5
≥ 800	88.7	89.3	90.2	90.7	91.3	91.3	91.3	91.3	91.3	91.4	91.5	91.7	92.2	92.2	92.6	93.5
≥ 700	88.7	89.3	90.2	90.7	91.3	91.3	91.3	91.3	91.3	91.4	91.5	91.7	92.2	92.2	92.6	93.5
≥ 600	88.7	89.3	90.2	90.7	91.3	91.3	91.3	91.3	91.3	91.4	91.5	91.7	92.2	92.2	92.6	93.5
≥ 500	88.8	89.7	90.7	91.3	91.8	91.8	91.8	91.8	91.8	91.9	92.1	92.2	92.7	92.7	93.1	94.1
≥ 400	89.1	90.1	91.1	91.9	92.5	92.5	92.5	92.5	92.5	92.7	92.9	93.0	93.8	93.8	94.2	95.2
≥ 300	89.1	90.2	91.3	92.3	93.1	93.1	93.1	93.1	93.1	93.4	93.7	93.8	94.9	94.9	95.7	96.6
≥ 200	89.1	90.3	91.4	92.6	93.3	93.3	93.3	93.3	93.3	93.7	94.0	94.1	95.3	95.3	96.1	97.4
≥ 100	89.1	90.3	91.4	92.6	93.3	93.3	93.3	93.3	93.3	93.8	94.1	94.2	96.1	96.1	96.9	98.4
≥ 0	89.1	90.3	91.4	92.6	93.3	93.3	93.3	93.3	93.3	93.8	94.1	94.2	96.1	96.1	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS

746

USAF ETAC FORM 101-64 0-14-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25267 WILLIAMS LAKE B. OUT ART
STATION NAME

61-68

YEARS

61-68

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

25267-0100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	½	¼	≥ 10	≥ 6	≥ 5
NO CEILING	43.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 20000	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
IV 18000	41.4	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 16000	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
IV 14000	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
IV 12000	53.0	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	62.3	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 9000	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 8000	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 7000	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 6000	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	78.1	78.1
IV 5000	80.8	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
IV 4500	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 4000	83.7	83.9	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	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 3000	85.2	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 2500	85.9	86.4	86.6	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
IV 2000	87.2	87.8	87.9	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
IV 1800	87.4	88.0	88.2	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 1500	87.6	88.4	88.6	89.0	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 1200	88.2	89.1	89.5	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1000	88.3	89.5	90.1	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 900	88.3	89.5	90.1	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 800	88.6	89.8	90.3	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 700	88.6	89.8	90.3	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 600	89.0	90.5	91.0	91.4	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 500	89.0	90.5	91.1	91.8	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 400	89.0	90.5	91.3	92.1	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 300	89.0	90.5	91.3	92.3	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 200	89.0	90.5	91.3	92.3	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 100	89.0	90.5	91.3	92.3	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 0	89.0	90.5	91.3	92.3	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0

TOTAL NUMBER OF OBSERVATIONS

744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR FATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS CRK 2000 FT
STATION NAME

01-58
YEAR

YEARS

01
WIND

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6500-1100
NO. OF OBS.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 20000	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	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
IV 16000	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
IV 14000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
IV 12000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
IV 10000	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 9000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 8000	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
IV 7000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 6000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 5000	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	79.7
IV 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
IV 4000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 3500	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
IV 3000	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 2500	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 2000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 1800	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 1500	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 1200	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 1000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 900	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 800	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
IV 700	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 600	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 500	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 400	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
IV 300	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 200	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 100	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 100-64

0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE SERVICE/AC

CEILING VERSUS VISIBILITY

85267 ILLINOIS CREEK, ILL. APT

01-65

YEAR

CT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1270-1400
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 20	≥ 20	≥ 25	≥ 24	≥ 23	≥ 22	≥ 21	≥ 20	≥ 19	≥ 18	≥ 17	≥ 16	≥ 15	≥ 14	≥ 13	≥ 12
NO. CEILING	7.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥ 24000	42.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 18000	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 16000	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 14000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 12000	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 10000	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 9000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 7000	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 6000	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3500	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
≥ 3000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	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	89.1	89.1
≥ 1500	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	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
≥ 900	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 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
≥ 500	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
≥ 400	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
≥ 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
≥ 200	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
≥ 100	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	98.7	98.7
≥ 0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS

744

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER SERVICE/AC

CEILING VERSUS VISIBILITY

75247

WILLIAMS LANE 1000 FT APT

01-60

(YEAR)

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

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	29.4	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.7
≥ 20000	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.7
≥ 18000	41.4	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.2
≥ 16000	42.4	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.3
≥ 14000	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 12000	54.0	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	54.4
IV 10000	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6
IV 9000	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.1
IV 8000	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.4
IV 7000	73.2	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9
IV 6000	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
IV 5000	78.4	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3
IV 4500	79.7	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	80.1
IV 4000	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3
IV 3500	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.4
IV 3000	90.9	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	91.7
IV 2500	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.9
IV 2000	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.4
IV 1800	94.0	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	95.2
IV 1500	94.2	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8
IV 1200	94.6	95.8	95.8	95.8	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.4
IV 1000	95.7	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.6
IV 900	95.8	97.2	97.3	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0
IV 800	95.8	97.2	97.3	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0
IV 700	95.8	97.2	97.3	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1
IV 600	96.0	97.3	97.4	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.4
IV 500	96.2	97.6	97.7	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.8
IV 400	96.3	97.8	98.0	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.8
IV 300	96.3	97.8	98.0	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.8
IV 200	96.3	98.0	98.1	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.5
IV 100	96.3	98.0	98.1	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.9
IV 0	96.3	98.0	98.1	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25247
STATION

ILIA IS CORPUS CHRISTI APT

61-64

YEARS

LCR
COUNT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .9	≥ .8	≥ .7	≥ .6	≥ .5	≥ 0
NO CEILING	41.4	41.5	41.7	41.8	41.9	41.9	41.9	41.9	41.8	41.5	41.9	41.9	41.9	42.1	42.1	42.1
≥ 20000	48.1	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.7	48.7	48.7	48.8	48.8	48.8
IV 18000	48.5	48.7	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.1	49.1	49.1	49.2	49.2	49.2
IV 16000	48.9	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.5	49.5	49.5	49.6	49.6	49.6
IV 14000	53.1	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.8	53.8	53.8
IV 12000	57.9	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.5	58.5	58.5	58.6	58.6	58.6
IV 10000	63.3	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	64.0	64.0	64.0
IV 9000	65.1	65.2	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.7	65.7	65.7
IV 8000	69.0	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.6
IV 7000	75.5	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.1	76.1	76.1	76.2	76.2	76.2
IV 6000	77.6	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.5	78.5	78.5
IV 5000	81.0	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.9	81.9	81.9
IV 4500	82.1	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.9	82.9	82.9
IV 4000	87.3	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.8	87.8	87.8
IV 3500	88.4	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2
IV 3000	90.7	90.3	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.9	90.9	90.9	91.0	91.0	91.0
IV 2500	91.0	91.3	91.9	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.6	92.6	92.6
IV 2000	91.9	92.9	93.0	93.1	93.4	93.4	93.4	93.5	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8
IV 1800	92.1	93.0	93.1	93.3	93.5	93.5	93.5	93.7	93.8	93.8	94.0	94.0	94.0	94.1	94.1	94.1
IV 1500	92.5	93.4	93.7	93.8	94.2	94.2	94.4	94.6	94.6	94.6	94.8	94.8	94.8	94.9	94.9	94.9
IV 1200	92.6	93.5	93.8	94.3	94.5	94.5	94.8	95.0	95.0	95.0	95.2	95.2	95.2	95.3	95.3	95.3
IV 1000	93.1	94.2	94.6	94.9	95.4	95.4	95.7	96.2	96.2	96.2	96.4	96.4	96.4	96.5	96.5	96.5
IV 900	93.1	94.2	94.8	95.2	95.7	95.7	96.0	96.5	96.5	96.5	96.6	96.6	96.6	96.8	96.8	96.8
IV 800	93.1	94.2	94.8	95.3	95.8	95.8	96.1	96.6	96.6	96.6	96.8	96.8	96.8	97.0	97.0	97.0
IV 700	93.3	94.4	94.9	95.4	96.0	96.0	96.2	96.9	96.9	96.9	97.0	97.0	97.0	97.2	97.2	97.2
IV 600	93.3	94.4	94.9	95.4	96.0	96.0	96.2	97.0	97.0	97.0	97.2	97.2	97.2	97.3	97.3	97.3
IV 500	93.7	94.8	95.4	95.8	96.4	96.4	96.6	97.4	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.7
IV 400	93.7	94.8	95.4	96.0	96.6	96.6	96.9	97.7	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0
IV 300	93.7	95.0	95.7	96.2	96.9	96.9	97.2	98.0	98.0	98.0	98.1	98.1	98.1	98.3	98.3	98.3
IV 200	93.7	95.0	95.7	96.2	96.9	96.9	97.4	98.3	98.3	98.3	98.4	98.4	98.4	98.8	98.8	98.8
IV 100	93.7	95.0	95.7	96.2	96.9	96.9	97.4	98.4	98.4	98.4	98.5	98.5	98.5	98.9	98.9	98.9
IV 0	93.7	95.0	95.7	96.2	96.9	96.9	97.4	98.4	98.4	98.4	98.5	98.5	98.5	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

FORM 54

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER, BENTLEY, AL

CEILING VERSUS VISIBILITY

25247 WILLIAMS LAKE ALCUT RPT

01-67

YEAR

01

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	45.7	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.4	46.4	46.4
≥ 20000	46.1	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.2	52.2	52.2
≥ 18000	52.2	52.4	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.8	52.8	53.1
≥ 16000	52.2	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	53.0	53.0	53.2
≥ 14000	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.3	57.3	57.4
≥ 12000	61.7	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.4
≥ 10000	69.6	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.9
≥ 9000	72.0	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0	73.0	73.7
IV 8000	76.1	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.2	77.2	77.2	77.6	77.6	77.7
IV 7000	80.4	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.5	81.5	81.5	81.9	81.9	82.1
IV 6000	81.0	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.7	82.7	82.7	83.1	83.1	83.3
IV 5000	84.1	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.3	85.3	85.3	85.5	85.9	86.2
IV 4500	84.4	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.6	85.8	85.8	86.2	86.2	86.4
IV 4000	87.1	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.6	88.7	88.7	89.1	89.1	89.4
IV 3500	88.0	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.5	89.7	89.7	90.1	90.1	90.3
IV 3000	89.5	90.3	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.3	91.4	91.4	91.8	91.8	92.1
IV 2500	90.3	91.4	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.2	92.3	92.3	92.7	92.7	93.0
IV 2000	91.1	92.3	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.1	93.3	93.3	93.7	93.7	94.0
IV 1800	91.1	92.5	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.3	93.4	93.4	93.8	93.8	94.1
IV 1500	91.7	93.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.8	94.0	94.0	94.5	94.5	94.7
IV 1200	92.1	93.5	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	95.0	95.2	95.2	95.7	95.7	96.0
IV 1000	92.2	93.7	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	95.2	95.3	95.3	95.8	95.8	96.1
IV 900	92.2	93.7	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	95.2	95.3	95.3	95.8	95.8	96.1
IV 800	92.2	93.7	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	95.2	95.3	95.3	95.8	95.8	96.1
IV 700	92.2	93.7	94.2	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.2	95.6	95.7	95.7	96.4	96.6
IV 600	92.2	93.7	94.4	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.6	96.0	96.1	96.1	96.8	97.0
IV 500	92.6	94.1	94.8	95.3	95.7	95.7	95.7	95.7	95.7	95.7	96.0	96.4	96.5	96.5	97.3	97.3
IV 400	92.7	94.4	95.0	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.4	96.8	96.9	96.9	97.7	97.7
IV 300	92.7	94.5	95.2	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.9	97.4	97.6	97.6	98.4	98.4
IV 200	92.7	94.5	95.2	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.9	97.4	97.6	97.6	98.4	98.4
IV 100	92.7	94.5	95.2	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.9	97.4	97.6	97.6	98.4	98.4
IV 0	92.7	94.5	95.2	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.9	97.4	97.6	97.6	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATO PROCESSION DIVISION
USAF ETAC
18 EAST BRIDGE ROAD

CEILING VERSUS VISIBILITY

0262 WILLIAMS WAREHOUSE OUT LOT

01-60

YEAR

19

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	40.5	41.7	41.7	41.7	42.4	42.4	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 20000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 18000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 16000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 14000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 12000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 10000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 9000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 8000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 7000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 6000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 5000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 4500	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 4000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 3500	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 3000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 2500	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 2000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 1800	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 1500	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 1200	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 1000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 900	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 800	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 700	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 600	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 500	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 400	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 300	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 200	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 100	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 0	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5

TOTAL NUMBER OF OBSERVATIONS

740

USAF ETAC FORM 10-64 0-14.5 (OL 1) PREPARED BY THE AIR FORCE ENGINEERING CENTER

DATA PROCESSING DIVISION
USAF ETAC
WILMINGTON, DELAWARE

CEILING VERSUS VISIBILITY

192227 WILMINGTON AIRPORT

01-60

YEAR

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	4.3	39.9	40.1	40.1	40.1	40.7	40.7	40.7	40.7	40.7	41.1	41.1	41.1	41.1	41.1	41.1
≥20000	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥18000	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥16000	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥14000	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥12000	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥10000	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥9000	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥8000	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥7000	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥6000	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥5000	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥4500	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥4000	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥3500	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥3000	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥2500	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥2000	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥1800	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥1500	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥1200	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥1000	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥900	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥800	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥700	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥600	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥500	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥400	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥300	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥200	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥100	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥0	4.8	44.3	44.5	44.5	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7

TOTAL NUMBER OF OBSERVATIONS

721

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

DATA FOR CEILING VISIBILITY
 USAF ETAC
 AIR FORCE ENGINEERING DIVISION

CEILING VERSUS VISIBILITY

25247
 (STATION)

ILLINOIS STATE COLLEGE AT ST. LOUIS
 (OFFICE ADDRESS)

61-64
 (YEAR)

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

6000-0500
 (TIME PERIOD)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1.5	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	4.0	4.6	4.6	4.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
≥ 20000	6.4	30.9	30.9	30.9	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 18000	6.4	30.9	30.9	30.9	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 16000	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 14000	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 12000	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 10000	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 9000	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 8000	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 7000	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 6000	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 5000	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 4500	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 4000	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 3500	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 3000	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 2500	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 2000	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 1800	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 1500	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 1200	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 1000	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 900	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 800	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 700	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 600	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 500	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 400	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 300	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 200	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 100	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 0	4.6	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4

TOTAL NUMBER OF OBSERVATIONS

7.7

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

252.2

ILLUMINANCE (FOOT CANDLE)

61-64

YEAR:

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

9200-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING ≥ 20000	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
IV 18000	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 16000	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 14000	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 12000	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 10000	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 9000	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 8000	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 7000	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 6000	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 5000	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 4500	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 4000	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 3500	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 3000	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 2500	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 2000	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 1800	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 1500	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 1200	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 1000	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 900	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 800	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 700	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 600	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 500	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 400	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 300	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 200	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 100	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 0	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR-WEATHER SERVICE

CEILING VERSUS VISIBILITY

25247

WILLIAMS AFB, OKLAHOTA

61-44

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 20000	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
IV 18000	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
IV 16000	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
IV 14000	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
IV 12000	43.2	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
IV 10000	51.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV 9000	57.4	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 8000	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 7000	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 6000	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 5000	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 4500	67.2	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 4000	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 3500	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
IV 3000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 2500	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 2000	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 1800	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 1500	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 1200	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 1000	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 900	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 800	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 700	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 600	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 500	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 400	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 300	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 200	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 100	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 0	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

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC

FORM

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
6TH FLEET RECRUITING

CEILING VERSUS VISIBILITY

22292 ILLIAMS LINE C/O DET APT

61-54

HEAD

1700

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥20000	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥18000	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥16000	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥14000	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
≥12000	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥10000	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥9000	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥8000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥7000	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥6000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥5000	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥4500	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥4000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥3500	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥3000	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
≥2500	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥2000	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
≥1800	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
≥1500	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥1200	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥1000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥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
≥800	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥700	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥600	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
≥500	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
≥400	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
≥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
≥200	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥100	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
≥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

720

USAF ETAC

FORM 101-64

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER, BENTONVILLE

CEILING VERSUS VISIBILITY

6245

WILLIAMS LAKE AFB, MT

61-60

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)1-00-2000
NO. OF

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	41.1	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.2	42.4	42.4	42.6	42.9	42.9	43.1
≥ 20000	44.8	45.4	45.6	45.6	45.6	45.6	45.6	45.7	45.6	45.7	45.8	45.8	46.0	46.4	46.4	46.5
IV 18000	44.7	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.8	46.0	46.0	46.0	46.5	46.5	46.7
IV 16000	45.1	45.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.3	46.4	46.4	46.8	46.9	46.9	47.1
IV 14000	46.5	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6	47.8	47.8	48.2	48.3	48.3	48.5
IV 12000	49.9	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	51.0	51.1	51.1	51.5	51.7	51.7	51.9
IV 10000	56.2	59.3	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.4	59.4	59.9	60.0	60.0	60.1
IV 9000	60.2	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.4	61.4	61.8	61.9	61.9	62.1
IV 8000	62.6	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.9	64.9	65.3	65.4	65.4	65.5
IV 7000	67.5	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.8	68.9	68.9	69.3	69.4	69.6
IV 6000	69.2	70.1	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.6	70.7	70.7	71.1	71.3	71.3	71.4
IV 5000	72.4	73.3	73.5	73.5	73.6	73.6	73.8	73.8	73.8	73.9	74.0	74.0	74.4	74.6	74.6	74.7
IV 4500	73.2	74.2	74.3	74.3	74.4	74.4	74.5	74.6	74.6	74.7	74.9	74.9	75.3	75.4	75.4	75.5
IV 4000	75.7	77.1	77.4	77.4	77.5	77.5	77.6	77.6	77.6	77.8	77.9	77.9	78.3	78.5	78.5	78.5
IV 3500	75.3	77.5	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.5	78.6	78.6	79.0	79.2	79.2	79.3
IV 3000	77.8	79.6	80.1	80.1	80.3	80.3	80.4	80.4	80.4	80.6	80.7	80.7	81.1	81.3	81.3	81.4
IV 2500	79.0	81.5	82.1	82.1	82.2	82.2	82.4	82.4	82.4	82.5	82.6	82.6	83.1	83.2	83.2	83.3
IV 2000	81.0	83.2	83.9	83.9	84.2	84.2	84.4	84.4	84.4	84.6	84.7	84.7	85.1	85.3	85.3	85.4
IV 1800	81.8	84.7	84.7	84.7	85.0	85.0	85.4	85.4	85.4	85.6	85.7	85.7	86.1	86.3	86.3	86.4
IV 1500	82.6	84.9	85.7	85.7	86.0	86.0	86.2	86.3	86.3	86.5	86.8	86.8	87.4	87.5	87.5	87.6
IV 1200	84.2	86.9	87.8	87.8	88.1	88.1	88.9	88.9	89.0	89.4	89.6	89.6	90.1	90.3	90.3	90.4
IV 1000	84.0	87.5	88.3	88.3	89.3	89.3	90.3	90.4	90.4	90.8	91.0	91.0	91.5	91.7	91.7	91.8
IV 900	84.7	87.8	88.6	89.3	89.7	89.7	90.7	90.8	90.8	91.3	91.5	91.5	92.1	92.2	92.2	92.4
IV 800	85.3	88.8	89.4	90.0	90.7	90.7	91.8	91.9	91.9	92.4	92.6	92.6	93.2	93.3	93.3	93.5
IV 700	85.7	89.2	90.0	90.4	91.1	91.1	92.4	92.5	92.5	92.9	93.2	93.2	93.8	93.9	93.9	94.0
IV 600	86.1	89.5	90.4	91.1	91.8	91.8	93.2	93.3	93.3	94.0	94.3	94.3	95.1	95.3	95.3	95.4
IV 500	86.3	89.9	90.7	91.7	92.4	92.4	93.8	94.0	94.0	95.3	95.6	95.6	96.4	96.5	96.5	96.7
IV 400	86.3	90.0	90.8	91.9	93.1	93.1	94.9	95.3	95.8	96.7	96.9	96.9	97.8	97.9	97.9	98.1
IV 300	86.3	90.0	90.8	91.9	93.2	93.2	95.0	95.4	96.0	96.9	97.2	97.2	98.1	98.2	98.2	98.5
IV 200	86.3	90.0	90.8	91.9	93.2	93.2	95.0	95.4	96.0	96.9	97.2	97.2	98.1	98.2	98.2	98.5
IV 100	86.3	90.0	90.8	91.9	93.2	93.2	95.0	95.4	96.1	97.1	97.4	97.4	98.2	98.3	98.3	98.9
IV 0	86.3	90.0	90.8	91.9	93.2	93.2	95.0	95.6	96.1	97.1	97.4	97.4	98.2	98.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

22247

WILLIAMS LAKE AFB, IDAHO

61-68

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	33.7	39.3	39.6	39.0	39.7	39.7	39.9	39.9	39.9	39.9	40.4	40.4	40.6	40.6	40.7	41.0
≥ 20000	45.0	45.7	46.0	46.0	46.1	46.1	46.3	46.4	46.3	46.3	46.8	46.8	46.9	46.9	47.1	47.4
≥ 18000	45.6	46.3	46.5	46.5	46.7	46.7	46.8	46.8	46.8	46.8	47.3	47.4	47.4	47.5	47.6	47.9
≥ 16000	46.0	46.7	46.9	46.9	47.1	47.1	47.2	47.2	47.2	47.2	47.8	47.8	47.9	47.9	48.1	48.3
≥ 14000	47.4	48.1	48.3	48.3	48.5	48.5	48.7	48.7	48.7	48.8	49.2	49.2	49.3	49.3	49.4	49.7
≥ 12000	51.1	51.8	52.1	52.1	52.2	52.2	52.4	52.4	52.4	52.4	52.9	52.9	53.1	53.1	53.2	53.5
≥ 10000	54.1	55.0	55.3	55.3	55.4	55.4	55.6	55.6	55.6	55.6	56.1	56.1	56.3	56.3	56.4	56.7
≥ 9000	60.3	61.3	61.5	61.5	61.7	61.7	61.9	61.9	61.8	61.8	62.4	62.4	62.5	62.5	62.6	62.9
≥ 8000	64.6	65.6	65.8	65.8	66.1	66.1	66.3	66.3	66.1	66.1	66.7	66.7	66.8	66.8	66.9	67.2
≥ 7000	67.6	68.8	69.0	69.0	69.2	69.2	69.3	69.3	69.3	69.3	70.0	70.0	70.2	70.2	70.3	70.7
≥ 6000	68.8	69.9	70.1	70.1	70.3	70.3	70.4	70.4	70.4	70.4	71.1	71.1	71.4	71.4	71.5	71.8
≥ 5000	71.4	72.5	72.9	72.9	73.1	73.1	73.2	73.2	73.2	73.2	73.9	73.9	74.2	74.2	74.3	74.6
≥ 4500	71.7	72.8	73.2	73.2	73.3	73.3	73.5	73.5	73.5	73.5	74.2	74.2	74.4	74.4	74.6	74.9
≥ 4000	73.2	74.4	74.9	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.8	75.8	76.1	76.1	76.2	76.5
≥ 3500	73.6	74.9	75.3	75.3	75.4	75.4	75.6	75.6	75.6	75.6	76.4	76.4	76.7	76.7	76.8	77.1
≥ 3000	76.1	77.4	77.9	77.9	78.1	78.1	78.2	78.2	78.2	78.2	79.0	79.0	79.3	79.3	79.4	79.7
≥ 2500	76.9	78.2	78.8	78.8	79.0	79.0	79.2	79.2	79.2	79.3	80.0	80.0	80.3	80.3	80.4	80.7
≥ 2000	76.6	80.7	81.3	81.3	81.7	81.7	81.9	81.9	81.9	82.1	82.8	82.8	83.1	83.1	83.2	83.5
≥ 1800	79.3	81.5	82.1	82.1	82.3	82.3	82.5	82.5	82.5	82.8	82.9	83.6	83.6	83.9	84.1	84.3
≥ 1500	80.7	82.7	83.3	83.3	84.2	84.2	84.4	84.4	84.4	84.7	85.4	85.4	85.7	85.7	85.8	86.1
≥ 1200	81.3	83.4	84.2	84.2	85.4	85.4	86.1	86.1	86.4	86.4	86.8	87.3	87.3	87.9	88.1	88.3
≥ 1000	81.9	84.6	85.1	85.1	86.3	86.3	87.1	87.1	87.9	88.2	88.2	89.2	89.9	90.3	90.3	91.0
≥ 900	82.2	84.9	85.4	85.4	87.4	87.4	87.5	88.0	88.4	88.4	89.0	90.0	90.7	90.7	91.1	91.8
≥ 800	82.6	85.3	85.8	85.8	87.8	87.8	87.9	89.0	89.3	89.4	90.8	91.8	91.8	92.2	92.2	92.9
≥ 700	82.6	85.7	86.3	86.3	87.4	88.3	88.5	89.0	89.9	90.0	91.4	92.4	92.4	92.8	92.8	93.2
≥ 600	82.9	86.7	87.2	87.2	88.3	89.4	89.6	90.7	91.0	91.1	92.5	93.5	93.5	94.0	94.4	94.7
≥ 500	83.2	87.1	87.4	87.4	88.9	89.9	90.0	91.3	91.3	91.7	93.1	94.2	94.2	94.9	94.9	95.6
≥ 400	83.2	87.2	87.8	87.8	89.0	90.4	90.7	91.9	92.2	92.4	94.0	95.1	95.1	96.1	96.1	96.3
≥ 300	83.2	87.2	87.8	87.8	89.2	90.6	91.0	92.4	92.6	92.8	94.4	95.7	95.7	96.7	96.7	97.8
≥ 200	83.2	87.2	87.8	87.8	89.2	90.6	91.7	92.5	92.8	92.9	94.9	96.1	96.1	97.1	97.1	98.5
≥ 100	83.2	87.2	87.8	87.8	89.2	90.6	91.0	92.5	92.8	92.9	94.9	96.1	96.1	97.4	97.4	98.9
≥ 0	83.2	87.2	87.8	87.8	89.2	90.6	91.0	92.5	92.8	92.9	94.9	96.1	96.1	97.5	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS

740

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

23247
STATION

JULIA'S LAKE H C DIST APT
STATION NAME

61-64

YEARS

1960

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	0.4	37.2	37.2	37.4	37.7	37.7	38.2	38.2	38.2	38.6	38.7	38.7	38.7	38.7	38.7	38.9
≥ 20000	40.2	41.0	41.0	41.2	41.4	41.4	42.0	42.0	42.0	42.4	42.5	42.5	42.5	42.5	42.5	42.6
IV 18000	40.2	41.0	41.0	41.2	41.4	41.4	42.0	42.0	42.0	42.4	42.5	42.5	42.5	42.5	42.5	42.6
IV 16000	40.3	41.3	41.3	41.4	41.7	41.7	42.2	42.2	42.2	42.6	42.8	42.8	42.8	42.8	42.8	42.9
IV 14000	42.2	43.0	43.0	43.2	43.3	43.3	44.0	44.0	44.0	44.4	44.5	44.5	44.5	44.5	44.5	44.7
IV 12000	43.2	46.0	46.0	46.2	46.4	46.4	47.1	47.1	47.1	47.5	47.6	47.6	47.6	47.6	47.6	47.6
IV 10000	49.3	50.7	50.7	50.9	51.6	51.6	52.4	52.4	52.4	52.8	52.9	52.9	52.9	52.9	53.0	54.0
IV 9000	50.6	52.0	52.0	52.1	52.8	52.8	53.6	53.6	53.6	54.0	54.1	54.1	54.1	54.1	54.3	54.3
IV 8000	54.4	55.7	55.7	55.9	56.5	56.5	57.4	57.4	57.4	57.8	57.9	57.9	57.9	57.9	58.0	58.0
IV 7000	56.8	58.4	58.4	58.6	59.2	59.2	60.1	60.1	60.1	60.6	60.7	60.7	60.7	60.7	60.7	60.9
IV 6000	57.4	59.4	59.4	59.5	60.2	60.2	61.0	61.1	61.1	61.5	61.7	61.7	61.7	61.7	61.8	61.8
IV 5000	59.4	62.3	62.3	62.5	63.2	63.2	64.0	64.1	64.1	64.5	64.6	64.6	64.6	64.6	64.6	64.8
IV 4500	59.6	62.8	62.8	62.9	63.6	63.6	64.4	64.5	64.5	64.9	65.0	65.0	65.0	65.0	65.0	65.2
IV 4000	61.4	64.8	64.8	65.3	66.0	66.0	66.8	66.9	66.9	67.3	67.5	67.5	67.5	67.5	67.6	67.6
IV 3500	63.0	66.4	66.4	66.7	67.6	67.6	68.4	68.6	68.6	69.0	69.1	69.1	69.1	69.1	69.2	69.2
IV 3000	67.2	71.4	71.4	72.1	72.1	73.1	74.3	74.6	74.6	75.0	75.2	75.2	75.2	75.2	75.3	75.3
IV 2500	68.8	72.6	72.6	73.3	74.4	74.4	75.7	75.8	75.8	76.2	76.4	76.4	76.4	76.4	76.5	76.5
IV 2000	71.4	76.1	76.1	77.2	78.4	78.4	80.2	80.3	80.3	81.0	81.1	81.1	81.1	81.1	81.2	81.2
IV 1800	72.0	77.2	77.6	78.3	79.6	79.6	81.4	81.5	81.5	82.2	82.3	82.3	82.3	82.3	82.3	82.5
IV 1500	74.8	79.8	80.2	80.8	82.5	82.5	84.3	84.5	84.5	85.3	85.4	85.4	85.4	85.4	85.6	85.6
IV 1200	75.0	81.1	82.1	82.9	84.6	84.6	87.4	87.4	87.4	88.3	88.7	88.7	88.7	88.7	88.8	88.8
IV 1000	76.9	82.6	83.5	84.3	86.4	86.4	89.3	89.5	89.5	90.3	90.7	90.7	90.7	90.7	90.8	90.9
IV 900	77.2	83.0	83.9	84.8	86.8	86.8	89.7	89.9	89.9	90.7	91.2	91.2	91.2	91.2	91.4	91.4
IV 800	77.7	83.7	84.6	85.6	87.9	87.9	90.8	91.0	91.0	91.8	92.3	92.3	92.3	92.3	92.4	92.4
IV 700	78.1	84.1	85.4	86.4	88.7	88.7	91.6	91.8	91.8	92.6	93.1	93.1	93.1	93.3	93.4	93.4
IV 600	78.1	84.1	85.4	86.5	88.8	88.8	92.0	92.2	92.2	93.1	93.7	93.7	94.1	94.1	94.2	94.2
IV 500	78.1	84.5	85.8	86.9	89.3	89.3	92.7	92.8	92.8	93.9	94.5	94.5	94.5	94.9	95.0	95.0
IV 400	78.1	84.6	86.0	87.0	89.6	89.6	93.0	93.4	93.4	94.3	95.1	95.1	95.5	95.5	95.7	95.7
IV 300	78.1	84.8	86.1	87.2	90.0	90.0	93.6	94.2	94.2	95.3	96.0	96.0	96.3	96.5	96.6	96.6
IV 200	78.3	85.3	86.6	87.9	91.1	91.1	94.9	95.3	95.3	96.5	97.2	97.3	97.8	97.8	98.0	98.0
IV 100	78.5	85.3	86.6	87.9	91.1	91.1	95.0	95.4	95.4	96.6	97.3	97.4	98.0	98.0	98.1	98.5
IV 0	78.5	85.3	86.6	87.9	91.1	91.1	95.0	95.4	95.4	96.6	97.3	97.4	98.4	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

741

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE AC

CEILING VERSUS VISIBILITY

05247 WILLIAMS LAKE, S. D. DT APT

01-68

YEARS

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

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 ≥ 20000	35.5	37.1	37.2	37.2	37.4	37.4	37.5	38.1	38.1	38.3	38.6	38.6	38.9	37.9	39.0	39.0
≥ 18000	36.1	39.3	39.4	39.4	39.5	39.5	40.1	40.2	40.2	40.5	40.8	40.8	41.0	41.0	41.2	41.2
IV 16000	36.3	39.5	39.7	39.7	39.8	39.8	40.4	40.5	40.5	40.6	41.0	41.0	41.3	41.3	41.4	41.4
IV 14000	40.4	41.6	41.7	41.7	41.9	41.9	42.4	42.5	42.5	42.8	43.0	43.3	43.3	43.3	43.5	43.5
IV 12000	42.2	43.5	43.7	43.7	43.9	43.9	44.4	45.1	45.1	45.3	45.6	45.6	45.9	45.9	46.0	46.0
IV 10000	45.6	47.1	47.2	47.2	47.4	47.4	48.0	49.0	49.0	49.3	49.5	49.5	49.8	49.8	49.9	49.9
IV 9000	47.1	48.9	49.0	49.0	49.1	49.1	50.0	50.7	50.7	51.0	51.3	51.3	51.6	51.6	51.7	51.7
IV 8000	50.3	52.4	52.5	52.5	52.9	52.9	54.4	54.5	54.5	54.8	55.1	55.1	55.3	55.3	55.5	55.5
IV 7000	54.8	57.0	57.2	57.2	57.6	57.6	59.1	59.2	59.2	59.5	59.8	59.8	60.1	60.1	60.2	60.2
IV 6000	58.3	58.7	59.0	59.1	59.4	59.4	60.9	61.0	61.0	61.3	61.3	61.5	61.8	61.8	61.9	61.9
IV 5000	59.0	61.7	61.9	62.1	62.3	62.3	63.8	64.0	64.0	64.2	64.5	64.5	64.8	64.8	64.9	64.9
IV 4500	59.2	61.9	62.2	62.3	62.6	62.6	64.1	64.2	64.2	64.5	64.8	64.8	65.0	65.0	65.2	65.2
IV 4000	61.1	64.2	64.5	64.6	64.9	64.9	66.4	66.5	66.5	66.8	67.1	67.1	67.3	67.3	67.5	67.5
IV 3500	61.9	65.5	65.7	65.9	66.1	66.1	67.6	67.7	67.7	68.0	68.3	68.3	68.6	68.6	68.7	68.7
IV 3000	65.5	69.5	69.8	69.9	70.4	70.4	72.1	72.2	72.2	72.5	72.7	72.7	73.0	73.0	73.1	73.1
IV 2500	77.7	71.8	72.1	72.2	72.9	72.9	74.5	74.5	74.6	74.9	75.2	75.2	75.4	75.4	75.6	75.6
IV 2000	76.2	74.8	75.2	75.4	76.2	76.2	78.3	78.3	78.5	78.9	79.2	79.2	79.5	79.5	79.6	79.6
IV 1800	76.6	75.2	75.6	75.8	76.7	76.7	79.2	79.5	79.5	79.9	80.2	80.2	80.4	80.4	80.6	80.6
IV 1500	72.1	77.1	77.3	77.7	78.8	78.8	82.2	82.5	82.5	82.9	83.1	83.1	83.4	83.4	83.5	83.5
IV 1200	74.4	80.0	80.4	80.7	81.8	81.8	85.7	86.1	86.1	86.6	86.9	86.9	87.3	87.3	87.4	87.4
IV 1000	76.1	81.8	82.3	82.7	84.1	84.1	88.3	88.8	88.8	89.9	90.3	90.3	90.8	90.8	91.0	91.0
IV 900	76.7	82.3	82.9	83.3	84.8	84.8	88.8	89.3	89.5	90.4	91.1	91.1	91.6	91.6	91.8	91.8
IV 800	77.2	82.9	83.4	83.8	85.2	85.2	89.3	90.3	90.4	91.4	92.0	92.0	92.6	92.6	92.7	92.7
IV 700	77.3	83.4	83.9	84.3	85.7	85.7	89.9	90.8	91.0	92.3	93.0	93.0	93.5	93.5	93.7	93.7
IV 600	77.7	84.1	84.6	85.2	86.6	86.6	91.0	91.9	92.0	93.5	94.2	94.2	94.7	94.7	94.9	94.9
IV 500	77.7	84.1	84.6	85.2	86.6	86.6	91.0	91.9	92.0	93.8	94.5	94.5	95.4	95.4	95.5	95.5
IV 400	77.7	84.1	85.0	85.6	87.0	87.0	91.4	92.3	92.4	94.2	94.9	94.9	95.8	95.8	96.0	96.0
IV 300	77.7	84.1	85.4	86.0	87.4	87.4	92.0	93.0	93.1	94.9	95.7	95.7	96.6	96.6	97.0	97.0
IV 200	78.0	84.3	85.7	86.2	87.7	87.7	92.7	93.7	93.8	95.7	96.5	96.5	97.6	97.6	98.0	98.0
IV 100	78.0	84.3	85.7	86.2	87.7	87.7	92.7	93.7	93.8	95.8	96.8	96.8	97.8	97.8	98.2	98.2
IV 0	78.0	84.3	85.7	86.2	87.7	87.7	92.7	93.7	93.8	95.8	96.8	96.8	97.8	97.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

741

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25247 WILLIAMS LAFayette C. DUTAPT

61-63

YEARS

CC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING	31.2	32.0	32.2	32.3	33.0	33.0	33.4	33.4	33.4	33.4	33.4	33.4	33.4	34.2	34.2	34.6
≥ 20000	34.7	35.7	35.8	35.7	36.6	36.6	36.9	37.1	37.0	37.1	37.4	37.4	37.4	37.8	37.8	38.9
≥ 18000	35.1	35.9	36.1	36.2	36.9	36.9	37.1	37.3	37.3	37.4	37.4	37.7	37.7	38.1	38.1	39.2
≥ 16000	35.3	35.1	36.2	36.3	37.0	37.0	37.3	37.4	37.4	37.6	37.6	37.7	37.7	38.2	38.2	39.3
≥ 14000	36.3	37.1	37.3	37.4	38.1	38.1	38.4	38.5	38.5	38.6	38.9	38.9	39.3	39.3	39.3	40.4
≥ 12000	39.0	39.8	40.0	40.1	40.9	40.9	41.2	41.3	41.3	41.5	41.7	41.7	42.1	42.1	42.1	43.2
≥ 10000	43.8	44.4	44.5	44.7	45.5	45.5	46.0	46.2	46.2	46.3	46.6	46.6	47.0	47.0	47.5	48.0
≥ 9000	45.8	46.7	46.8	47.0	47.8	47.8	48.3	48.5	48.5	48.6	48.9	48.9	49.3	49.3	49.9	50.3
≥ 8000	48.5	49.4	49.5	49.7	50.5	50.5	51.0	51.1	51.1	51.3	51.5	51.5	52.0	52.0	52.5	53.0
≥ 7000	52.4	53.3	53.4	53.6	54.4	54.4	54.9	55.3	55.3	55.2	55.5	55.5	55.9	55.9	56.4	56.9
≥ 6000	54.5	55.5	55.6	55.7	56.5	56.5	57.1	57.2	57.2	57.3	57.6	57.6	58.0	58.0	58.5	59.1
≥ 5000	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 4500	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 4000	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 3500	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 3000	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 2500	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 2000	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 1800	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 1500	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 1200	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 1000	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 900	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 800	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 700	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 600	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 500	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 400	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 300	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 200	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 100	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 0	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8

TOTAL NUMBER OF OBSERVATIONS

743

USAF ETAC

FORM 10-14

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER ENVIRONMENTAL

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE F.C. INT. APT
STATION NAME

01-6-
YEAR

YEAR

10
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
TIME OF DAY

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	26.1	25.3	26.5	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
≥ 20000	32.3	32.8	32.8	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 18000	33.1	33.5	33.5	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 16000	33.4	33.5	33.5	33.7	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 14000	37.0	38.1	38.1	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 12000	40.5	41.6	41.6	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 10000	48.2	48.9	48.9	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
≥ 9000	50.1	51.1	51.1	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 8000	55.2	56.3	56.3	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
≥ 7000	57.2	58.5	58.5	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
≥ 6000	58.5	59.9	59.9	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
≥ 5000	61.2	62.6	62.6	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4500	61.2	62.6	62.6	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4000	65.7	67.3	67.3	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3500	66.2	67.8	67.8	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 3000	71.2	73.2	73.2	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 2500	72.5	74.8	74.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2000	75.4	78.1	78.1	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1800	75.4	78.1	78.1	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1500	76.6	79.3	79.3	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1200	77.8	81.0	81.0	83.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1000	78.5	82.6	82.6	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 900	79.2	83.3	83.3	86.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 800	80.1	84.8	84.8	87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 700	80.6	85.3	85.3	88.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 600	81.0	85.7	85.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 500	80.8	85.5	85.5	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 400	80.8	85.5	85.5	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 300	80.8	85.5	85.5	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 200	80.8	85.5	85.5	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 100	80.8	85.5	85.5	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 0	80.8	85.5	85.5	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8

TOTAL NUMBER OF OBSERVATIONS

741

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

22247
STATION

WILLIAMS LAKE R C DIST ART
STATION NAME

01-68
YEARS

YEARS

1.6
WINDS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	27.4	27.7	26.2	28.2	25.2	28.2	28.2	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 20000	34.0	34.0	34.0	35.4	35.4	35.4	35.4	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5
IV 18000	34.3	35.1	35.4	35.4	35.4	35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0
IV 16000	34.4	35.4	35.6	36.2	36.2	36.2	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3
IV 14000	37.4	37.9	38.2	38.7	38.7	38.7	38.7	38.7	38.7	38.9	38.9	38.9	38.9	38.9	38.9	38.9
IV 12000	41.4	42.1	42.4	42.9	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0
IV 10000	50.1	50.7	51.3	51.6	51.6	51.6	51.6	51.6	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 9000	55.8	54.8	54.8	55.3	55.3	55.3	55.3	55.3	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 8000	57.2	58.0	58.4	59.0	59.0	59.0	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 7000	60.8	59.6	60.1	60.6	60.6	60.6	60.6	60.6	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IV 6000	60.0	60.3	60.9	61.4	61.4	61.4	61.4	61.4	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 5000	63.0	64.4	64.6	65.1	65.2	65.2	65.2	65.2	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 4500	63.7	64.5	64.9	65.5	65.5	65.5	65.5	65.5	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 4000	66.0	66.5	67.3	67.9	68.0	68.0	68.0	68.0	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 3500	66.3	67.3	67.9	68.4	68.6	68.6	68.6	68.6	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 3000	71.4	72.7	73.3	73.8	74.8	74.8	74.8	74.8	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 2500	72.0	74.3	75.0	76.1	77.1	77.1	77.1	77.1	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 2000	72.4	77.9	79.1	80.0	81.1	81.1	81.1	81.1	81.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 1800	73.7	79.1	79.4	80.3	81.4	81.4	81.4	81.4	81.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 1500	76.4	79.5	80.7	81.6	83.0	83.0	83.0	83.0	83.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 1200	77.4	81.0	82.3	83.4	84.8	84.8	84.8	84.8	84.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 1000	78.0	81.6	83.0	84.1	85.6	85.6	85.6	85.6	85.6	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 900	78.9	82.7	84.1	85.3	86.9	86.9	86.9	86.9	86.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 800	80.4	84.2	85.6	86.8	88.4	88.4	88.4	88.4	88.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 700	81.0	84.9	86.5	87.4	89.1	89.1	89.1	89.1	89.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 600	81.0	85.2	86.5	87.7	89.3	89.3	89.3	89.3	89.3	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 500	81.2	85.4	86.9	88.1	89.9	89.9	89.9	89.9	89.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 400	81.2	85.7	87.3	88.3	90.3	90.3	90.3	90.3	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 300	81.2	85.7	87.3	88.3	90.3	90.3	90.3	90.3	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 200	81.2	85.7	87.3	88.3	90.3	90.3	90.3	90.3	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 100	81.2	85.7	87.3	88.3	90.3	90.3	90.3	90.3	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 0	81.2	85.7	87.3	88.3	90.3	90.3	90.3	90.3	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3

TOTAL NUMBER OF OBSERVATIONS

741

USAF ETAC FORM 10-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
1100 EAST BROADWAY, AC

CEILING VERSUS VISIBILITY

45847 ILLIAMS CRK. G. CO. AIR PT
STATION NAME

61-60

YEAR

1966

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.1	≥.05	≥.01
NO CEILING	25.2	25.3	25.6	25.9	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 20000	29.7	30.0	30.2	30.4	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
≥ 18000	29.7	30.0	30.2	30.4	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
≥ 16000	30.0	30.2	31.2	31.3	31.4	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 14000	32.9	33.2	33.5	33.6	33.7	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 12000	37.1	37.4	37.7	37.9	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 10000	44.7	45.3	45.7	46.0	46.2	46.2	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 9000	47.4	48.2	48.6	48.9	49.1	49.1	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 8000	52.8	53.7	54.1	54.4	54.7	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 7000	56.0	57.0	57.4	57.8	57.9	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 6000	57.6	58.5	59.0	59.2	59.5	59.5	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 5000	61.1	62.2	62.6	63.0	63.3	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 4500	61.4	62.5	62.9	63.3	63.6	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 4000	63.7	64.9	65.3	65.7	66.0	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 3500	64.2	65.3	65.9	66.3	66.5	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 3000	69.8	71.7	72.2	72.7	73.0	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 2500	71.9	74.0	74.9	75.4	75.7	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 2000	74.1	76.8	76.3	79.6	80.3	80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1800	74.4	77.2	76.7	80.0	80.7	81.2	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1500	75.6	76.8	80.4	82.2	82.9	83.5	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1200	77.3	80.8	82.6	84.8	85.7	86.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1000	77.7	81.4	83.1	85.3	86.3	87.3	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 900	78.0	81.6	83.4	85.6	86.7	87.7	89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 800	78.5	82.2	84.1	86.2	87.6	88.4	89.9	91.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 700	78.7	82.3	84.2	86.4	87.7	88.5	90.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 600	78.8	82.7	84.6	86.8	88.3	89.2	90.8	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 500	78.8	82.9	85.0	87.0	88.7	89.6	91.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 400	78.8	82.9	85.0	87.0	88.9	89.9	91.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 300	78.8	82.9	85.0	87.0	88.7	89.9	92.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 200	78.8	82.9	85.0	87.0	88.9	89.9	92.4	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 100	78.8	82.9	85.0	87.0	88.7	89.9	92.4	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 0	78.8	82.9	85.0	87.0	88.7	89.9	92.4	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5

TOTAL NUMBER OF OBSERVATIONS

741

DATA PROCESSING DIVISION
USAF ETAC
AIR BEAT EX - FIVE/ALC

CEILING VERSUS VISIBILITY

5247 WILLIAMS LAKE C. DET. APT

61-03

YEAR

IC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	30.4	30.0	30.1	30.2	30.2	30.2	31.0	31.2	31.2	31.4	31.6	31.6	31.6	31.6	32.1	32.5
≥ 20000	32.7	33.7	33.9	34.3	34.7	34.7	34.9	35.3	35.0	35.2	35.4	35.4	35.6	35.6	35.6	36.3
IV 18000	32.4	34.0	34.1	34.5	35.0	35.0	35.1	35.2	35.2	35.5	35.5	35.5	35.5	35.9	36.2	36.5
IV 16000	32.3	34.4	34.3	35.0	35.4	35.4	35.5	35.6	35.6	35.9	36.0	36.0	36.2	36.3	36.5	37.0
IV 14000	35.1	36.4	36.6	37.0	37.4	37.4	37.5	37.7	37.7	37.9	38.1	38.1	38.3	38.3	38.5	39.0
IV 12000	37.4	38.7	39.0	39.4	39.8	39.8	39.9	40.1	40.1	40.4	40.5	40.5	40.8	40.8	41.0	41.4
IV 10000	44.4	45.4	45.7	47.1	47.5	47.5	47.5	47.8	47.8	48.0	48.2	48.2	48.4	48.4	48.7	49.1
IV 9000	46.3	47.8	48.0	48.4	48.8	48.9	49.0	49.1	49.1	49.4	49.5	49.5	49.8	49.8	50.1	50.5
IV 8000	50.3	52.2	52.3	53.4	53.4	53.4	53.5	53.7	53.7	54.0	54.1	54.1	54.4	54.4	54.7	55.1
IV 7000	56.7	58.5	57.1	57.0	58.2	58.2	58.3	58.4	58.4	58.7	58.8	58.8	59.1	59.1	59.4	59.8
IV 6000	58.3	58.4	58.7	59.2	59.9	59.9	60.1	60.2	60.2	60.3	60.6	60.6	60.9	60.9	61.1	61.4
IV 5000	59.0	62.3	62.4	63.6	64.2	64.2	64.4	64.5	64.5	64.8	64.9	64.9	65.2	65.2	65.5	65.8
IV 4500	60.3	63.0	63.4	64.1	64.8	64.8	64.9	65.1	65.0	65.3	65.5	65.5	65.7	65.7	66.0	66.4
IV 4000	62.3	65.3	65.9	66.7	67.3	67.3	67.5	67.6	67.7	68.0	68.2	68.2	68.4	68.4	68.7	69.1
IV 3500	62.0	65.9	66.3	67.1	68.0	68.2	68.3	68.4	68.4	68.7	68.8	68.8	69.1	69.1	69.4	69.8
IV 3000	65.3	69.2	69.3	70.9	72.1	72.7	73.0	73.1	73.1	73.4	73.5	73.5	73.8	73.8	74.1	74.5
IV 2500	71.3	71.4	72.2	73.1	74.5	75.2	75.4	75.6	75.6	75.8	76.0	76.0	76.2	76.2	76.5	76.9
IV 2000	79.0	73.5	74.4	75.3	76.8	77.5	77.9	78.0	78.0	78.4	78.5	78.5	78.8	78.8	79.1	79.5
IV 1800	79.2	74.3	74.9	75.2	77.7	78.4	78.4	79.1	79.1	79.3	79.6	79.6	79.9	79.9	80.2	80.5
IV 1500	79.3	75.2	76.1	77.5	79.3	80.2	81.0	81.1	81.1	81.3	81.6	81.6	82.1	82.1	82.3	82.7
IV 1200	72.3	77.9	78.3	80.3	82.3	83.0	84.3	84.6	84.6	85.0	85.2	85.2	85.6	85.6	85.8	86.2
IV 1000	74.0	80.2	81.2	83.0	85.3	86.0	87.0	88.5	88.5	89.6	90.1	90.1	90.6	90.6	90.9	91.3
IV 900	74.0	80.2	81.2	83.0	85.4	86.1	87.7	88.7	88.8	90.6	91.1	91.1	91.5	91.5	91.8	92.2
IV 800	74.1	80.4	81.3	81.3	85.8	86.6	88.3	89.3	89.6	91.9	92.6	92.6	93.0	93.1	93.4	93.8
IV 700	74.1	80.8	81.0	83.4	86.0	86.9	88.3	89.7	89.9	92.2	93.1	93.3	93.7	93.8	94.1	94.5
IV 600	74.1	80.7	81.8	83.3	86.1	87.0	88.8	90.0	90.1	92.4	93.8	93.9	94.3	94.6	94.9	95.3
IV 500	74.1	80.7	81.8	83.3	86.2	87.2	89.2	90.4	90.6	93.0	94.5	94.6	95.4	95.5	96.0	96.4
IV 400	74.1	81.0	82.2	83.9	87.0	88.0	90.1	91.4	91.5	94.2	95.7	95.8	96.6	96.9	97.3	97.7
IV 300	74.2	81.1	82.3	84.1	87.3	88.4	90.6	92.3	92.2	94.9	96.4	96.3	97.4	97.7	98.1	98.5
IV 200	74.2	81.2	82.3	84.2	87.4	88.5	91.1	92.3	92.4	95.1	96.8	96.9	97.8	98.1	98.9	99.3
IV 100	74.2	81.2	82.3	84.3	87.6	88.7	91.2	92.6	92.6	95.3	96.9	97.0	98.0	98.2	99.1	99.5
IV 0	74.2	81.2	82.3	84.3	87.7	88.7	91.2	92.6	92.6	95.3	96.9	97.0	98.1	98.4	99.2	100.0

TOTAL: NUMBER OF OBSERVATIONS

731

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
NSA/CSS
ATTN: DATA PROCESSING DIVISION

CEILING VERSUS VISIBILITY

05247 JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION 1984 251:10 1021-1027

U.S.A.

20

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

NY 100-23012

CEILING FEET	VISIBILITY STATEMENT													
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	34.4	35.2	35.4	35.7	35.7	35.7	36.0	36.1	36.2	36.4	36.7	36.7	37.2	37.2
IV 20000	34.1	34.9	40.1	40.5	40.5	40.5	40.5	40.5	40.5	41.2	41.4	41.4	42.4	42.4
IV 18000	34.2	34.9	40.3	41.0	41.0	41.2	41.2	41.2	41.3	41.7	41.8	41.8	42.4	42.4
IV 16000	40.1	40.9	41.0	41.5	41.7	41.7	41.7	41.7	41.7	41.5	42.1	42.4	42.4	42.4
IV 14000	41.7	42.5	42.5	43.3	43.3	43.3	43.3	43.3	43.3	43.5	43.7	44.3	44.3	44.3
IV 12000	44.0	44.9	45.1	45.7	45.7	45.7	45.7	45.7	45.7	46.3	46.3	46.6	47.1	47.1
IV 10000	46.7	47.7	47.8	50.5	50.6	50.6	50.6	50.6	50.7	51.0	51.3	51.4	51.5	51.5
IV 9000	50.2	51.1	51.3	52.7	52.2	52.2	52.2	52.2	52.4	52.6	52.9	53.1	53.4	53.4
IV 8000	53.0	54.3	54.1	54.8	55.1	55.1	55.2	55.2	55.3	55.5	55.9	55.9	56.4	56.4
IV 7000	57.5	58.8	58.8	59.5	59.2	59.2	59.2	59.2	59.2	60.1	60.3	60.6	61.1	61.1
IV 6000	60.0	60.6	60.6	60.6	60.9	60.9	61.0	61.0	61.1	61.4	61.7	61.7	62.2	62.2
IV 5000	62.1	63.3	63.6	64.2	64.2	64.2	64.2	64.2	64.2	65.5	65.9	66.1	66.1	66.1
IV 4500	62.2	63.5	63.3	64.5	65.0	65.0	65.0	65.0	65.7	66.1	66.4	66.4	66.9	66.9
IV 4000	63.6	63.9	63.9	66.5	67.1	67.1	67.6	67.6	67.7	68.2	68.4	68.4	69.0	69.0
IV 3500	67.2	68.1	68.2	67.3	68.0	68.0	68.0	68.0	68.7	69.1	69.4	69.4	69.9	69.9
IV 3000	70.1	69.3	70.4	71.5	72.2	72.3	73.1	73.1	73.3	73.7	74.0	74.2	74.5	74.5
IV 2500	71.6	70.6	71.3	72.3	73.4	73.4	74.2	74.2	74.4	74.8	75.0	75.0	75.6	75.6
IV 2000	73.0	72.1	73.0	73.2	73.7	73.7	74.0	74.0	74.1	74.5	74.8	74.8	74.9	74.9
IV 1800	74.4	74.1	75.0	75.2	75.1	75.1	75.9	75.9	76.8	76.8	77.0	77.0	77.4	77.4
IV 1500	76.3	76.8	77.9	77.4	81.2	81.3	83.1	83.1	83.4	83.8	84.1	84.1	84.6	84.6
IV 1200	73.0	73.0	74.2	83.7	83.0	83.0	84.8	84.9	85.0	85.7	86.0	86.0	86.5	86.5
IV 1000	74.9	75.0	81.5	83.3	85.3	85.3	87.0	87.2	87.4	88.7	89.2	89.2	89.7	89.7
IV 900	75.3	82.7	82.2	83.7	85.0	85.0	87.7	87.7	88.3	89.5	90.1	90.1	90.7	90.7
IV 800	75.4	81.0	82.6	84.2	86.5	86.5	88.3	88.4	89.2	90.4	91.1	91.1	91.6	91.6
IV 700	75.8	81.5	83.1	84.8	87.0	87.0	88.8	88.7	90.1	91.5	92.2	92.2	92.7	92.7
IV 600	76.1	82.2	83.6	85.6	87.7	87.9	90.1	91.1	91.5	92.8	93.5	93.5	94.5	94.5
IV 500	76.1	82.3	83.9	85.7	88.1	88.1	90.8	91.0	92.2	93.8	94.6	94.6	95.7	95.7
IV 400	76.1	82.6	84.2	86.0	89.2	89.2	92.0	93.1	93.5	95.1	96.0	96.0	97.2	97.2
IV 300	76.1	82.7	84.3	86.2	89.6	89.6	92.6	93.7	94.1	95.7	96.5	96.5	97.7	97.7
IV 200	76.1	82.7	84.3	86.2	89.6	89.6	92.7	94.1	94.5	96.2	97.0	97.0	98.2	98.2
IV 100	76.1	82.7	84.3	86.4	90.0	90.0	93.1	94.3	94.9	96.6	97.4	97.4	98.7	98.7
0	76.1	82.7	84.3	86.5	90.0	90.0	93.1	94.3	94.9	96.6	97.4	97.4	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS

741

USAF ETAC ^{10/9/94} 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

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

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1940. 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	2
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

25247 WILLIAMS LAKE B C OUT APT
STATION STATION NAME

61-60

PERIOD

ALL
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	ALL	8.8	4.4	5.9	3.3	2.5	2.5	2.8	3.6	7.1	15.6	45.6	7.4	5952
FEB		13.0	5.8	4.7	4.1	3.9	3.3	3.4	5.4	7.8	15.1	33.5	6.5	5424
MAR		13.0	7.2	6.5	4.5	3.3	3.3	4.2	5.5	7.0	14.8	28.3	6.1	5952
APR		7.9	6.5	5.5	5.0	4.8	4.7	4.2	6.6	9.3	15.9	30.4	6.6	5757
MAY		8.7	7.6	5.9	5.3	4.2	4.0	5.0	7.4	11.6	18.4	21.9	6.3	5951
JUN		4.2	9.2	8.2	6.7	5.6	5.3	6.3	8.2	11.7	17.9	16.5	6.1	5758
JUL		6.7	10.1	8.1	6.6	5.4	5.6	6.4	8.4	11.1	17.7	14.0	5.8	5951
AUG		10.1	11.1	8.0	6.1	5.2	5.0	5.0	7.5	9.6	16.7	16.0	5.6	5951
SEP		15.4	8.3	5.7	4.8	3.8	3.3	3.6	6.1	9.2	16.7	23.2	5.9	5760
OCT		7.5	5.0	5.7	4.6	3.8	3.4	3.9	5.3	8.2	17.9	34.6	7.0	5952
NOV		6.1	5.4	5.3	4.0	3.2	3.4	3.6	5.1	7.8	14.4	39.2	7.0	5760
DEC		8.0	4.6	4.4	4.0	3.2	3.0	2.9	4.7	7.3	13.2	44.8	7.3	5932
TOTALS		9.4	7.1	6.0	5.0	4.1	3.8	4.3	6.2	9.1	16.2	29.0	6.5	70100

USAF ETAC

FORM
JUL 64

0-9-5 (OL1)

PREVIOUS EDITIONS OF THIS FORM

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

25247	WILLIAMS LAKE B C DNT APT	61-69	JAN
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	15.4	4.7	4.2	2.4	2.4	3.0	3.0	3.0	5.5	7.4	49.3	6.9	744
	03-05	12.6	4.2	3.2	3.0	3.4	2.2	1.5	3.0	5.1	9.5	52.2	7.2	744
	06-08	5.8	4.7	2.8	3.2	2.4	2.0	2.4	4.3	6.3	12.4	53.1	7.8	744
	09-11	3.5	3.6	2.8	3.0	1.3	1.4	2.6	3.0	7.8	24.5	46.1	8.1	744
	12-14	3.0	4.2	4.6	2.6	2.2	3.4	3.2	3.9	8.7	25.4	39.0	7.8	744
	15-17	4.0	4.8	3.6	4.3	1.5	2.6	3.8	4.4	10.2	26.3	34.4	7.6	744
	18-20	11.5	5.2	6.2	4.0	3.1	2.8	2.6	3.4	7.1	10.9	43.4	6.8	744
	21-23	15.1	3.5	3.8	4.0	3.5	2.4	3.1	4.0	6.2	7.4	47.0	6.8	744
TOTALS		8.8	4.4	3.9	3.3	2.5	2.3	2.8	3.6	7.1	15.6	43.6	7.4	5932

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

25247 WILLIAMS LAKE B C OUT APT
STATION STATION NAME

61-68

FEB
MONT

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 OF 85.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	23.4	6.9	4.0	3.1	2.9	4.0	1.9	3.8	3.4	6.3	39.7	5.8	678
	03-05	23.0	4.0	3.8	4.1	4.0	2.7	2.7	4.9	5.0	6.9	38.9	6.0	678
	06-08	9.0	8.3	4.9	4.7	4.0	3.5	2.7	4.4	4.4	13.3	36.9	6.7	678
	09-11	6.0	6.2	5.5	3.4	4.1	2.8	3.1	6.3	9.1	22.6	30.4	6.7	678
	12-14	5.3	4.9	3.5	5.0	4.9	2.9	4.9	6.6	9.3	23.9	28.6	7.1	678
	15-17	4.6	5.6	4.7	3.4	4.0	2.7	3.2	6.6	13.1	24.6	27.4	7.2	678
	18-20	10.2	5.9	6.5	5.0	2.9	3.5	4.4	6.2	9.1	14.6	31.3	6.5	678
	21-23	21.4	4.6	4.3	4.0	4.7	4.4	4.6	4.1	5.0	8.6	34.4	5.8	678

USAF ETAC FORM 0 9.5 (OLI) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

SKY COVER

25247	WILLIAMS LAKE B C OUT APT
STATION	STATION NAME

61-64

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	28.2	9.1	6.5	4.0	3.4	3.6	3.4	3.0	5.4	5.2	28.2	4.8	744
	03-05	23.0	7.6	6.6	4.2	2.6	3.1	3.2	4.3	6.3	6.6	32.4	5.4	744
	06-08	6.9	6.9	6.7	5.1	2.3	3.2	4.0	7.5	9.5	18.5	29.3	6.7	744
	09-11	6.3	6.3	5.0	3.4	3.0	2.2	4.7	4.6	12.9	22.0	29.7	7.1	744
	12-14	4.4	6.9	5.5	2.7	2.6	3.9	4.6	6.9	13.6	20.2	28.9	7.1	744
	15-17	5.1	5.4	3.5	3.8	3.4	3.9	5.5	6.7	11.2	22.8	28.8	7.2	744
	18-20	8.7	7.9	8.2	7.5	5.8	3.6	4.6	7.0	7.5	14.5	24.6	6.0	744
	21-23	26.2	7.3	9.7	5.5	3.1	3.2	3.2	3.6	5.2	8.2	24.7	4.8	744
TOTALS		13.6	7.2	6.5	4.5	3.3	3.3	4.2	5.5	9.0	14.8	28.3	6.1	5932

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

25247	WILLIAMS LAKE R C OUT APT
STATION	STATION NAME

61-68

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	21.4	7.1	6.8	3.6	3.0	2.4	4.7	4.0	5.7	6.0	34.2	5.6	720
	03-05	13.3	8.6	7.1	4.4	5.7	4.0	2.8	2.5	6.3	10.7	34.6	6.1	720
	06-08	5.4	8.1	5.4	5.1	4.3	3.2	3.2	6.7	8.3	19.6	30.7	6.8	720
	09-11	2.1	7.2	3.5	6.3	5.4	4.3	4.0	6.3	11.5	18.5	30.9	7.1	719
	12-14	1.1	4.2	4.7	3.6	4.3	3.6	4.5	9.2	13.2	19.6	31.9	7.5	718
	15-17	.4	2.8	4.3	4.6	3.8	4.9	5.7	10.8	12.8	23.8	26.3	7.5	720
	18-20	4.4	6.0	5.3	4.9	5.6	6.5	4.7	8.5	10.6	19.2	26.0	6.9	720
	21-23	16.4	7.4	6.5	7.8	5.4	3.2	3.8	4.9	5.8	9.7	28.6	5.6	720

DATA PROCESSING DIVISION
FTAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	25.3	7.4	6.2	5.8	4.7	2.7	4.0	5.6	6.7	7.4	24.2	5.0	744
	03-05	11.7	11.6	6.7	8.1	4.0	4.3	3.5	4.0	7.3	14.8	24.1	5.7	744
	06-08	10.5	5.6	6.6	6.3	4.3	3.0	4.4	6.0	10.5	20.4	22.3	6.3	744
	09-11	5.6	6.3	6.2	4.6	4.0	4.8	4.7	8.6	14.2	13.4	21.5	6.6	744
	12-14	1.6	5.8	3.8	4.3	2.7	3.8	5.2	9.4	15.9	26.0	21.5	7.3	743
	15-17	1.5	5.5	3.4	1.7	3.2	3.6	5.1	12.1	15.5	27.2	21.2	7.4	744
	18-20	2.6	6.0	5.6	6.3	4.7	5.8	7.3	8.7	14.5	19.1	19.1	6.7	744
	21-23	10.6	12.4	8.6	5.5	6.2	4.3	5.5	5.0	7.8	12.9	21.1	5.5	744

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

25247	WILLIAMS LAKE B C DIST APT
STATION	STATION NAME

61-68

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		
JULY	00-02	12.1	19.2	7.5	6.5	5.6	4.3	5.1	5.8	6.5	8.5	18.9	4.9	720
	03-05	6.5	12.4	10.1	7.8	5.7	4.6	6.9	7.9	8.9	14.3	16.8	5.6	720
	06-08	6.4	10.3	10.3	6.7	4.0	4.2	4.2	7.4	9.0	21.0	16.7	5.9	720
	09-11	3.5	7.4	9.6	6.7	4.7	4.9	7.6	7.2	11.3	22.1	15.1	6.3	720
	12-14	1.0	2.6	6.0	5.4	5.3	6.7	6.7	11.0	18.7	22.6	14.1	7.0	718
	15-17	.3	3.2	4.9	4.7	5.3	8.6	6.7	9.7	16.3	25.0	15.4	7.1	720
	18-20	1.0	6.5	7.2	7.9	5.7	6.4	6.4	9.0	14.4	17.4	18.1	6.5	720
	21-23	5.1	11.9	10.3	7.5	6.5	5.0	6.5	7.8	8.3	12.1	16.9	5.5	720
TOTALS		4.5	9.2	8.2	6.7	5.6	5.3	6.3	8.2	11.7	17.9	16.5	6.1	5758

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

25247	WILLIAMS LAKE B C INT APT
STATION	STATION NAME

61-68

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	18.7	12.5	10.5	6.3	5.1	4.4	4.8	6.3	5.5	7.8	18.0	4.6	744
	03-05	7.4	15.9	9.0	7.5	5.4	3.6	3.8	7.1	8.9	14.4	17.1	5.4	744
	06-08	6.7	10.2	12.1	7.1	4.4	4.6	4.2	5.9	9.1	19.9	15.7	5.7	744
	09-11	4.3	11.4	8.2	7.0	6.7	6.3	5.6	7.5	12.1	18.4	12.4	5.8	744
	12-14	1.9	7.3	6.7	6.3	3.8	7.7	12.2	9.9	15.2	19.2	9.8	6.3	744
	15-17	1.1	5.4	5.2	5.1	5.5	6.9	10.0	11.3	14.7	23.3	11.6	6.7	743
	18-20	3.0	7.7	5.2	6.2	5.6	5.2	5.2	11.6	14.5	23.7	11.3	6.4	744
	21-23	9.1	10.1	7.8	7.0	7.0	5.9	5.6	7.3	9.1	14.7	15.9	5.5	744
TOTALS		6.7	10.1	8.1	6.6	5.4	5.6	6.4	8.4	11.1	17.7	14.0	5.8	5951

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

79247	WILLIAMS LAKE B C OUT APT
STATION	STATION NAME

61-68

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	27.0	11.2	7.8	7.1	6.6	3.0	3.2	4.6	5.8	5.9	17.9	4.2	744
	03-05	17.2	12.8	10.1	5.9	4.0	3.5	4.0	5.0	5.8	12.4	19.4	4.9	744
	06-08	7.4	12.8	8.6	6.5	4.7	3.0	4.4	4.8	7.8	19.8	18.3	5.8	744
	09-11	4.8	10.8	9.4	6.3	3.4	3.0	5.0	6.6	10.1	21.7	14.9	6.0	743
	12-14	2.4	6.9	7.8	6.3	5.9	6.5	6.9	10.9	13.8	20.2	12.6	6.3	744
	15-17	2.0	7.1	5.4	5.5	5.9	6.2	7.9	10.5	12.0	24.5	13.0	6.6	744
	18-20	4.2	12.8	6.9	5.4	4.6	5.2	4.7	8.1	13.6	19.4	15.3	6.1	744
	21-23	15.5	14.2	7.9	5.4	6.2	3.6	3.5	7.4	8.1	9.4	16.3	4.9	744

SKY COVER

25247	WILLIAMS LAKE B C OUT APT
STATION	STATION NAME

61-60

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	31.8	5.8	5.1	3.1	3.6	2.4	1.7	4.3	7.4	7.8	27.1	4.9	720
	03-05	26.1	8.1	4.6	5.4	3.1	3.1	1.5	3.6	7.4	9.7	27.5	5.2	720
	06-08	8.5	10.1	6.7	5.3	3.8	2.8	2.9	4.4	8.3	22.1	25.1	6.3	720
	09-11	8.2	7.6	7.8	5.1	2.9	3.2	4.2	7.5	12.6	19.7	21.1	6.3	720
	12-14	6.4	7.9	5.8	4.6	3.6	4.4	5.1	10.4	10.3	22.8	18.6	6.5	720
	15-17	6.3	6.8	4.4	3.9	3.3	3.9	5.1	6.1	13.6	24.7	19.9	6.7	720
	18-20	10.8	9.6	6.1	5.6	4.7	4.4	5.0	7.9	9.4	17.1	19.3	5.9	720
	21-23	24.9	10.6	5.3	5.1	3.3	2.2	2.9	4.7	4.9	9.3	26.8	5.0	720
TOTALS		15.4	8.3	5.7	4.8	3.8	3.3	3.6	6.1	9.2	16.7	23.2	5.9	5760

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

25247
STATION

WILLIAMS LAKE B C OUT APT
STATION NAME

61-62

OCT
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		
CT	00-02	17.2	6.6	6.0	2.8	4.0	4.3	2.8	3.6	6.2	7.8	38.6	6.1	744
	03-05	15.6	5.4	6.5	3.9	3.0	1.9	2.7	3.8	5.5	10.2	41.0	6.4	744
	06-08	1.6	6.9	6.0	4.7	2.8	3.8	3.8	5.8	7.9	22.6	34.1	7.3	744
	09-11	1.2	4.8	6.3	3.8	4.7	3.2	2.8	5.9	11.2	25.5	30.5	7.5	744
	12-14	1.1	2.3	3.8	5.6	3.9	4.6	5.2	7.3	10.1	26.9	29.3	7.6	744
	15-17	.9	2.6	3.2	5.9	4.0	3.2	5.8	6.2	11.0	27.7	29.4	7.7	744
	18-20	6.6	5.8	7.8	4.8	3.5	3.8	4.6	5.4	8.6	15.2	34.0	6.8	744
	21-23	15.5	5.9	6.0	5.6	3.5	2.6	3.5	4.7	5.2	7.4	40.1	6.2	744
TOTALS		7.5	5.0	5.7	4.6	3.8	3.4	3.9	5.3	8.2	17.9	34.6	7.0	5852

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

25247 WILLIAMS LAKE R C OUT APT

61-66

N.L.V.
MONTH

STATION

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	16.4	3.6	5.3	5.1	3.2	3.2	2.2	4.7	6.7	8.8	40.8	6.5	720
	03-05	14.9	6.5	5.0	4.6	2.1	3.3	2.9	5.0	5.3	6.8	43.6	6.5	720
	06-08	3.5	5.8	7.8	3.9	4.2	3.9	4.9	4.9	5.8	13.9	41.5	7.2	720
	09-11	1.5	6.3	3.9	3.1	2.6	3.1	4.0	4.9	9.6	24.0	36.9	7.7	720
	12-14	1.0	5.6	3.5	4.0	3.3	3.6	5.0	4.4	11.5	23.3	34.7	7.7	720
	15-17	1.8	5.3	5.4	5.1	3.2	4.4	3.5	7.4	10.3	22.9	30.7	7.3	720
	18-20	10.0	6.8	7.2	6.1	3.9	2.8	2.8	4.7	7.2	8.2	40.3	6.5	720
	21-23	13.4	3.5	4.3	5.0	3.2	2.8	3.5	4.4	6.3	7.1	44.7	6.7	720
TOTALS		8.1	5.4	5.3	4.6	3.2	3.4	3.6	5.1	7.8	14.4	39.2	7.0	5760

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

25247	WILLIAMS LAKE B C OUT APT
STATION	STATION NAME

61-62

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
EC	00-02	13.8	5.7	5.4	3.1	3.1	2.4	3.4	3.8	4.9	7.7	46.8	6.7	741
	03-05	15.9	4.5	5.0	3.5	2.6	3.2	2.6	4.0	5.0	5.7	48.0	6.7	741
	06-08	6.7	6.5	5.2	5.1	3.4	3.1	3.1	5.1	5.8	11.0	45.0	7.1	743
	09-11	2.4	4.9	3.8	2.7	3.0	3.0	3.0	7.0	9.7	21.7	38.0	7.6	743
	12-14	2.3	4.2	3.5	3.2	3.4	3.6	2.3	4.6	10.3	21.5	41.2	7.9	741
	15-17	2.1	2.0	3.4	5.3	2.6	3.1	2.3	4.0	10.8	21.3	41.7	7.9	741
	18-20	4.0	3.1	4.3	4.9	3.0	2.0	3.2	5.4	5.8	8.8	50.9	7.4	741
	21-23	11.1	5.3	4.9	4.2	3.5	3.2	3.4	4.0	5.8	8.0	46.0	6.8	741

DATA PROCESSING DIVISION
FMSO/CMH
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART E

PSYCHROMETRIC SUMMARIES

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

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Means 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 1/2 inches spaced 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 ($\sum X^2$), sum 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.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C DDT APT

61-68

ALL

STATION

STATION NAME

YEARS

PAGE 1

ALL

NO. OF 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														
94/ 93																		.0	.0	1	1														
92/ 91																		.0	.0	5	5														
90/ 89																		.0	.0	15	15														
88/ 87																		.0	.0	30	30														
86/ 85																		.0	.0	77	77														
84/ 83																		.0	.0	117	117														
82/ 81																		.0	.0	178	178														
80/ 79																		.0	.0	292	292														
78/ 77																		.0	.0	401	402														
76/ 75																		.0	.0	466	467														
74/ 73																		.0	.0	551	552														
72/ 71																		.0	.0	689	689														
70/ 69																		.0	.0	775	770														
68/ 67																		.0	.0	958	958														
66/ 65																		.0	.0	1112	1113														
64/ 63																		.0	.0	1382	1382														
62/ 61																		.0	.0	1588	1588														
60/ 59																		.0	.0	1903	1903														
58/ 57																		.0	.0	2189	2189														
56/ 55																		.0	.0	2355	2355														
54/ 53																		.0	.0	2515	2515														
52/ 51																		.0	.0	2819	2819														
50/ 49																		.0	.0	2920	2920														
48/ 47																		.0	.0	2867	2867														
46/ 45																		.0	.0	2821	2821														
44/ 43																		.0	.0	2682	2682														
42/ 41																		.0	.0	2817	2817														
40/ 39																		.0	.0	2984	2984														
38/ 37																		.0	.0	2909	2910														
36/ 35																		.0	.0	3192	3193														
34/ 33																		.0	.0	3158	3158														
32/ 31																		.0	.0	3342	3343														
30/ 29																		.0	.0	2997	2997														
28/ 27																		.0	.0	2548	2549														
Element (X)	Σ x'					Σ x					Σ					Σ x					No. Obs.					Mean No. of Hours with Temperature									
Rel. Hum.																																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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All

W. J. R. S. S. 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. W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C DDT APT

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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	DB. W.B.	Dry Bulb	Wet Bulb	Dew Point												
54/ 53						.0	.0													2	2														
52/ 51					.0	.0	.0													3	3														
50/ 49				.0	.0	.0														4	4														
48/ 47			.0	.0	.2	.0														15	15														
46/ 45			.1	.2	.1	.0														30	30														
44/ 43			.2	.8	.2	.1														70	70	8													
42/ 41			.9	1.0	.1	.1														127	127	15													
40/ 39		.2	1.4	.6	.1															140	140	46	7												
38/ 37	.0	.4	1.5	.4	.2															149	149	150	10												
36/ 35	.1	1.0	1.8	.5	.1															209	209	201	48												
34/ 33	.4	2.2	1.6	.4																268	268	223	119												
32/ 31	1.0	3.6	1.7	.1																382	382	356	310												
30/ 29	1.1	3.6	1.4	.1																366	366	413	298												
28/ 27	1.2	3.6	.8	.0																335	335	422	360												
26/ 25	1.3	4.2	.5																	360	360	383	361												
24/ 23	1.7	3.5	.3																	337	337	419	405												
22/ 21	1.8	2.7	.0																	271	271	317	423												
20/ 19	1.9	1.9	.0																	230	230	276	396												
18/ 17	1.4	1.2																		151	151	176	293												
16/ 15	2.1	1.6	.1																	223	223	209	229												
14/ 13	1.8	1.4	.0																	194	194	198	211												
12/ 11	2.1	1.2	.1																	202	202	213	189												
10/ 9	2.7	1.1																		231	231	244	176												
8/ 7	2.0	.7																		157	157	174	210												
6/ 5	1.9	.8																		162	162	152	218												
4/ 3	2.1	.9																		182	182	175	159												
2/ 1	2.3	.8																		187	187	198	148												
0/ -1	2.0	.4																		143	143	152	173												
-2/ -3	2.2	.3																		150	150	152	148												
-4/ -5	1.1	.3																		82	82	85	185												
-6/ -7	1.2	.2																		86	86	87	139												
-8/ -9	1.0	.1																		70	70	71	102												
-10/-11	.9	.3																		72	72	68	91												
-12/-13	1.2	.2																		82	82	85	65												
Element (X)	Σx^2					Σx	$\bar{x}$	σ_x	No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$								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
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25247 WILLIAMS LAKE B C OUT APT

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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	.0											7	9																
52/ 51					.1	.2	.1											20	20																
50/ 49					.0	.3	.1											25	25																
48/ 47				.0	.2	.4	.3	.0										50	50																
46/ 45					.1	.4	.7	.2	.1									83	83	6															
44/ 43				.6	.7	.7	.4	.1										131	131	15															
42/ 41		.1	.8	1.1	.7	.2												161	161	47															
40/ 39	.1	.6	1.3	1.5	.8	.2												243	243	129	8														
38/ 37	.2	1.1	1.9	1.7	.4	.1												298	298	188	53														
36/ 35	.2	1.4	3.6	1.4	.3	.1												378	378	289	105														
34/ 33	.5	3.0	3.0	.9	.1													406	406	382	149														
32/ 31	.9	3.2	2.8	.7	.1													419	419	356	306														
30/ 29	1.4	4.0	2.4	.4	.1													452	452	533	383														
28/ 27	1.5	4.4	2.3	.2														452	452	520	499														
26/ 25	1.8	4.1	1.8	.1														421	421	520	518														
24/ 23	2.2	3.2	1.2	.0														362	362	468	503														
22/ 21	1.3	2.5	.6															237	237	318	515														
20/ 19	1.1	2.5	.4		.0													218	218	264	416														
18/ 17	1.4	2.0	.3	.1														209	209	232	362														
16/ 15	1.4	1.5	.1															166	166	209	280														
14/ 13	1.2	.9	.3															125	125	142	275														
12/ 11	1.0	.9	.2															110	110	109	225														
10/ 9	1.1	.6	.1															93	93	112	179														
8/ 7	.9	.6	.1															82	82	83	125														
6/ 5	.8	.7	.0															87	87	95	105														
4/ 3	.7	.4																60	60	66	70														
2/ 1	.7	.4																61	61	63	63														
0/ -1	.3	.2																28	28	31	56														
-2/ -3	.3	.1																22	22	27	60														
-4/ -5	.1	.1																10	10	12	52														
-6/ -7	.0	.0																2	2	3	66														
-8/ -9	.0	.0																4	4	3	29														
-10/-11																				2	17														
-12/-13																					8														
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																																			

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HOURS (S. T)

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HOURS T, S, T, V

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	.1	.1	.1								12		12															
56/ 55							.1	.1	.2	.1								26		26															
54/ 53				.0	.0	.2	.2	.2	.2									31		31															
52/ 51					.1	.2	.5	.1										54		54															
50/ 49				.0	.4	.5	.8	.1										102		102	1														
48/ 47				.2	.4	1.1	.4	.1										130		130	4														
46/ 45			.1	.4	.9	1.2	.3											170		170	10														
44/ 43	.0	.0	.4	1.0	1.3	.9	.2											235		235	33														
42/ 41	.0	.3	.4	1.1	1.7	.8	.1											257		257	99														
40/ 39	.1	.4	.9	1.6	1.8	.4												308		308	191														
38/ 37	.1	.5	1.4	2.4	1.0	.1												327		328	311														
36/ 35	.2	.9	3.2	2.3	.5	.1												426		427	338														
34/ 33	.3	1.9	3.2	1.8	.4	.0												456		456	467														
32/ 31	.7	2.8	3.8	1.3	.1													520		521	691														
30/ 29	.8	4.0	3.4	.9	.0													539		539	644														
28/ 27	1.1	3.8	2.4	.5	.0													471		472	664														
26/ 25	.5	2.7	1.5	.3														296		296	529														
24/ 23	1.2	2.0	1.2	.2														268		268	394														
22/ 21	1.1	1.9	.8	.1	.0													228		228	283														
20/ 19	.7	1.4	.6	.1														164		164	229														
18/ 17	.4	1.3	.5	.1														145		145	164														
16/ 15	.7	1.0	.9	.0														133		133	149														
14/ 13	.7	.8	.4															113		113	129														
12/ 11	.4	.7	.2															72		72	98														
10/ 9	.5	.8	.1															84		84	95														
8/ 7	.5	.8	.1															87		87	89														
6/ 5	.3	.7																58		58	69														
4/ 3	.2	.5	.1															44		44	55														
2/ 1	.1	.5	.0															36		36	38														
0/ -1	.2	.5																38		38	43														
-2/ -3	.3	.4																40		40	41														
-4/ -5	.3	.2																32		32	41														
Element (X)	Σ X'					Σ X					Σ					Σ					Σ					Σ									
Rel. Hum.																																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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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	.1																13	13	13	49															
-8/-9	.1	.1																10	10	11	45															
-10/-11	.1	.0																10	10	12	27															
-12/-13	.0	.0																3	3	4	36															
-14/-15	.0	.0																3	3	2	30															
-16/-17	.0																	2	2	3	13															
-18/-19																					10															
-20/-21	.0																	2	2	2	11															
-22/-23																					5															
-24/-25																					6															
TOTAL	12.0	31.1	24.9	14.3	8.6	5.5	2.8	.7	.1									5948	5957	5948	5948															
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65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063 1064 1065 1066 1067 1068 1069 1070 1071 1072 1073 1074 1075 1076 1077

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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																		.0		1	1														
88/ 87																		.1		4	4														
86/ 85																		.1		7	7														
84/ 83														.1	.1	.0				9	9														
82/ 81											.0	.1	.2	.1	.1					26	26														
80/ 79										.0	.1	.3	.3	.3						56	56														
78/ 77									.0	.2	.2	.4	.3	.1						66	66														
76/ 75									.1	.2	.5	.6	.1	.1						94	94														
74/ 73									.0	.2	.3	.6	.5	.1						166	166														
72/ 71						.0		.0	.4	.8	.8	.1								127	127														
70/ 69						.0	.1	.2	1.1	.7	.6	.1								158	158														
68/ 67						.0	.3	.8	1.0	.9	.5	.1								210	210														
66/ 65				.0	.0	.2	.7	1.0	1.2	.6	.2	.0								235	235														
64/ 63			.0	.1	.1	.4	1.3	1.6	1.1	.4	.1									295	295														
62/ 61			.1	.2	.3	1.1	1.6	1.5	1.0	.2										338	338	8													
60/ 59		.0	.1	.4	.7	1.6	1.4	1.6	.5	.0										370	370	43													
58/ 57		.0	.2	.6	1.3	1.8	2.0	1.0	.2											400	400	112													
56/ 55		.2	.7	1.1	1.6	2.1	1.3	.5	.0											425	425	260													
54/ 53	.1	.7	1.1	1.5	2.3	1.8	.7	.1												480	480	409													
52/ 51	.2	1.3	1.2	2.1	1.6	1.6	.5													487	487	580													
50/ 49	.4	1.9	1.5	2.1	1.5	.6	.1													469	469	759													
48/ 47	.4	2.0	1.6	1.5	.9	.2														386	386	857													
46/ 45	.4	2.0	1.3	1.3	.5	.1														326	326	857													
44/ 43	.4	1.9	1.2	.7	.2	.0														258	258	692													
42/ 41	.4	1.7	.7	.3	.1	.0														188	188	511													
40/ 39	.4	1.0	.5	.2																115	115	350													
38/ 37	.3	.6	.2	.0																59	59	167													
36/ 35	.3	.2	.1																	37	37	98													
34/ 33	.1	.1	.0																	16	16	38													
32/ 31	.1	.1																		10	10	14													
30/ 29	.0																			1	1	3													
28/ 27																																			
26/ 25																																			
24/ 23																																			
Elements (X)	Σx^2		Σx		$\bar{x}$		s^2		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) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

July:

STATION

STATION NAME

YEARS

PAGE 2

ALL

W. S. S. T.

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE 5 C DDT APT

61-68

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS T. S. Y.

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																		
94/ 93																																								
92/ 91																																								
90/ 89																																								
88/ 87																																								
86/ 85																																								
84/ 83																																								
82/ 81																																								
80/ 79																																								
78/ 77																																								
76/ 75																																								
74/ 73																																								
72/ 71																																								
70/ 69																																								
68/ 67																																								
66/ 65																																								
64/ 63																																								
62/ 61																																								
60/ 59																																								
58/ 57																																								
56/ 55																																								
54/ 53																																								
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																																								
Element (X)	Σ x'					Σ x					x̄					s _x					No. Obs.					Mean No. of Hours with Temperature										Total				
Rel. Hum.																																								
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

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

2

YEARS

61-68

JUL
1964

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ALL

W. J. S. S. S. S.

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

2

YEARS

AUG

STATION

STATION NAME

MONTH

ALL

HOURS 11.5. T.1

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

PSYCHROMETRIC SUMMARY

AUG

STATION

STATION NAME

YEARS

MONTH

ALL

HOURS (L, S, T,)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
TOTAL	5.8	17.8	13.1	12.0	10.6	10.1	7.5	6.2	5.6	3.4	2.8	2.0	1.2	1.0	.5	.3	.1	5948	5952	5948	5948	

PSYCHROMETRIC SUMMARY

MONTH

STATION

STATION NAME

YEARS

PAGE 1

ALL

HOURS 11.5. T.M.

Temp. (F.)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point							
86/ 85														.1	.0			4	4									
84/ 83														.1				9	9									
82/ 81											.0		.1					8	8									
80/ 79									.0	.0	.0	.1	.0					11	11									
78/ 77								.0	.1	.2	.1	.1						28	28									
76/ 75						.0	.0	.1	.2	.3	.3	.1	.0					49	49									
74/ 73						.0	.1	.0	.2	.3	.2	.1	.0					54	54									
72/ 71					.0	.0	.1	.2	.3	.4	.2	.1						78	78									
70/ 59					.1	.0	.1	.3	.4	.3	.1	.0						79	79									
68/ 67				.1	.1	.1	.2	.3	.6	.5	.1							109	109									
66/ 65			.0	.1	.2	.3	.5	.6	.8	.2	.1							156	156	1								
64/ 63		.0	.1	.1	.2	.6	.7	1.1	.4	.1								193	193	7								
62/ 61		.0	.2	.2	.4	.9	1.2	.8	.2	.0								225	225	28								
60/ 59	.0	.1	.2	.6	1.0	1.1	1.5	.6	.2	.0								304	304	69	12							
58/ 57	.0	.1	.4	.9	1.4	1.6	1.1	.6	.1									362	362	123	14							
56/ 55	.1	.5	.6	.9	1.2	1.4	.8	.3										337	337	159	53							
54/ 53	.2	.7	1.5	.9	2.0	1.1	.7	.2	.0									420	420	286	67							
52/ 51	.1	1.5	1.0	2.1	1.9	.8	.3	.0										443	443	452	106							
50/ 49	.5	2.0	1.5	1.8	1.1	.5	.2	.1										438	438	615	220							
48/ 47	.6	2.3	2.0	1.5	1.1	.4	.1											464	464	633	406							
46/ 45	.8	2.4	2.0	1.7	.6	.2												447	447	743	425							
44/ 43	.6	2.5	1.6	.8	.5	.0												348	348	587	477							
42/ 41	.6	2.5	1.6	.5	.3	.1												320	320	554	644							
40/ 39	.7	2.2	1.3	.3	.1													264	264	475	706							
38/ 37	.6	1.8	.9	.3	.0													201	201	347	657							
36/ 35	.5	1.6	.4	.2														153	153	264	535							
34/ 33	.3	1.0	.3															91	91	162	432							
32/ 31	.3	.7	.2															67	67	116	369							
30/ 29	.1	.5	.2															43	43	53	234							
28/ 27	.1	.3	.0															27	27	42	146							
26/ 25	.2	.2																19	19	30	104							
24/ 23	.1	.1																6	6	15	72							
22/ 21	.1																	3	3	3	50							
20/ 19																					24							
Element (X)	Σ X ²				Σ X				X̄				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																												

PSYCHROMETRIC SUMMARY

61-68

SEP

STATION

STATION NAME

YEARS

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ALL

HOURS - L. S. T.

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DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE E C OUT APT

61-68

OCT

STATION

STATION NAME

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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						
74/ 73										.0									1	1							
72/ 71										.0									2	2							
70/ 69										.1									9	9							
68/ 67										.1									9	9							
66/ 65						.0	.2	.2	.2										29	29							
64/ 63						.1	.2	.2	.1										34	34							
62/ 61				.0	.0	.4	.3	.3	.0										61	61							
60/ 59				.2	.6	.4	.0	.1											80	80							
58/ 57				.1	.7	.9	.4	.2	.0										137	137	2						
56/ 55			.0	.5	1.1	.9	.5	.2	.1										191	191	16						
54/ 53			.3	.6	1.0	1.0	.3	.2											203	203	23						
52/ 51		.1	.9	1.4	1.4	.7	.4	.1											272	272	86						
50/ 49	.0	.3	.7	1.7	1.6	.7	.4												326	326	193						
48/ 47	.1	.6	1.4	1.6	1.4	.7	.1	.0											348	348	245						
46/ 45	.3	1.2	1.9	2.0	1.4	.6	.1	.0											447	447	386						
44/ 43	.4	1.4	1.7	2.1	1.3	.5	.0												447	447	454						
42/ 41	.6	2.1	2.2	2.4	1.3	.2	.1												529	529	505						
40/ 39	1.1	2.6	2.3	1.9	.9	.1													529	529	605						
38/ 37	1.3	2.8	2.8	1.8	.4														537	537	663						
36/ 35	1.5	2.9	2.8	.8	.1														475	475	693						
34/ 33	1.6	3.2	1.6	.3	.0														402	402	573						
32/ 31	2.5	2.9	.7	.1															362	362	700						
30/ 29	1.2	1.6	.5	.1															199	199	349						
28/ 27	.8	1.0	.3	.0															131	131	186						
26/ 25	.4	.8	.1																75	75	106						
24/ 23	.2	1.0	.2																78	78	74						
22/ 21	.1	.3	.0																20	20	60						
20/ 19	.1	.2																	17	17	25						
18/ 17	.0																		2	2	8						
16/ 15																											
14/ 13																											
12/ 11																											
10/ 9																											
4/ 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 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

25247	WILLIAMS LAKE B C DUT APT
STATION	STATION NAME

61-68

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YEARS

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ALL

HOURS: 9 A.M. - 5 P.M.

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C DUT APT
STATION STATION NAME

61-68
YEARS

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MONTH

PAGE 1

ALL
HOURS 11.5. Y.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																																																	
56/ 55						.0	.1											4	4																																																			
54/ 53						.0	.1											5	5																																																			
52/ 51				.1	.1	.0												13	13																																																			
50/ 49			.1	.3	.1	.0												27	27																																																			
48/ 47			.1	.4	.0	.1												32	32	2																																																		
46/ 45		.1	.2	.5	.3	.2												72	72	16																																																		
44/ 43		.2	.6	.5	.6	.1	.0											118	118	38																																																		
42/ 41		.4	.9	1.2	.9	.2												210	210	59	14																																																	
40/ 39	.1	.7	1.4	1.9	.7	.0		.0										279	279	105	36																																																	
38/ 37	.3	1.8	1.6	1.7	.2													341	341	201	100																																																	
36/ 35	.8	2.5	3.0	1.2	.1													434	434	380	199																																																	
34/ 33	1.1	4.0	3.0	.6	.0													504	504	524	216																																																	
32/ 31	3.7	4.9	2.2	.4														647	647	782	470																																																	
30/ 29	2.6	4.9	2.1	.1														562	562	685	552																																																	
28/ 27	2.0	4.3	1.5	.1														451	451	534	619																																																	
26/ 25	1.7	3.6	.5															339	339	477	599																																																	
24/ 23	1.8	2.7	.9															279	279	364	515																																																	
22/ 21	1.9	2.0	.2	.0														224	224	279	462																																																	
20/ 19	1.7	1.9	.1	.0														219	219	236	382																																																	
18/ 17	1.5	1.3	.0															167	167	200	296																																																	
16/ 15	1.1	.7																106	106	126	242																																																	
14/ 13	1.4	.5																108	108	116	206																																																	
12/ 11	1.2	.5																97	97	101	136																																																	
10/ 9	1.0	.3																74	74	78	103																																																	
8/ 7	.9	.2																62	62	67	92																																																	
6/ 5	.8	.4																66	66	62	72																																																	
4/ 3	1.3	.3																96	96	97	33																																																	
2/ 1	.9	.2																60	60	60	60																																																	
0/ -1	1.0	.1																60	60	64	74																																																	
-2/ -3	.6																	34	34	37	75																																																	
-4/ -5	.5	.0																29	29	29	69																																																	
-6/ -7	.3	.0																18	18	17	43																																																	
-8/ -9	.2	.0																10	10	10	27																																																	
-10/-11	.1																	7	7	8	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 (O.L.A.) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

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STATION

STAT:DN NAME

YEARS

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ALL

ALL
FBI - SFO

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	.0																	1	1	1	10											
14/-15	.1																	4	4	4	8											
16/-17	.0																	1	1	1	7											
20/-21																					2											
22/-23																					1											
TOTAL	30.4	38.7	18.0	8.9	3.2	.7	.1	.0										5760	5760	5760	5760											

PSYCHROMETRIC SUMMARY

DEC

STATION

STATION NAME

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PAGE 1

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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM JUL 64

AD-A100 244

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
WILLIAMS LAKE APT, BRITISH COLUMBIA, CANADA. REVISED UNIFORM SU--ETC
OCT 71

UNCLASSIFIED

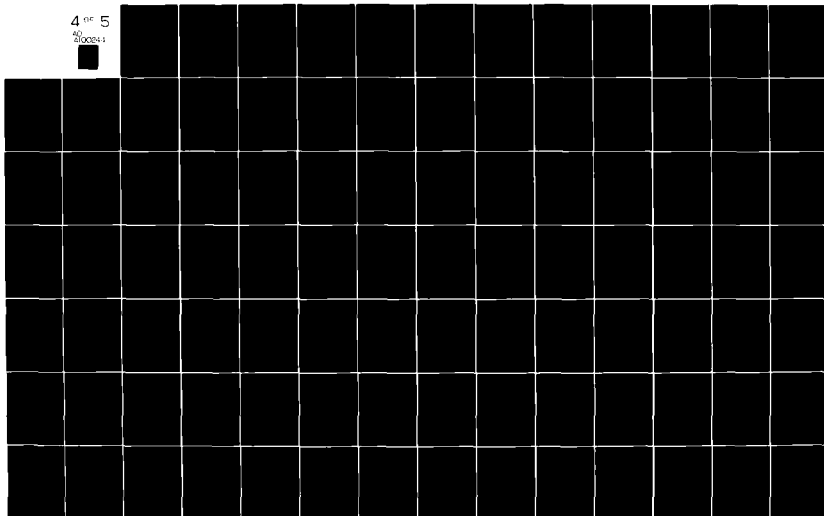
USAFETAC/DS-81/039

SBIE-AD-E850 066

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4 of 5

AD
A100244



PSYCHROMETRIC SUMMARY

DEC

YEARS

ALL

NO. 85 : 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														
20/-21	.5	.0																29	29	32	43														
22/-23	.3	.0																16	16	15	27														
24/-25	.2	.0																12	12	13	15														
26/-27	.4																	26	26	26	17														
28/-29	.2	.0																15	15	14	31														
30/-31	.2																	10	10	11	8														
32/-33	.1																	6	7	6	32														
34/-35	.1																	7	7	7	18														
36/-37																																			
38/-39																																			
40/-41																																			
42/-43																																			
44/-45																																			
46/-47																																			
TOTAL	44.44	0.0	12.1	2.9	.4	.2												5900	5932	5900	5900														

PSYCHROMETRIC SUMMARY

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PAGE 1 0000-0200

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PSYCHROMETRIC SUMMARY

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2 0000-0200

HOURS: 11 A.M. - 5 P.M.

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	.3																	2	2	2	9													
-24/-25	.5																	4	4	4	4													
-26/-27	.3																	2	2	2	3													
-28/-29	.3																	2	2	2	2													
-30/-31	.1																	1	1	1	4													
-32/-33																					2													
-36/-37																					1													
-38/-39																					1													
TOTAL	50.3	33.9	13.3	2.0	.3													744	744	744	744													

Element (X)	Z _{x'}	Z _x	R	%	No. Obs.	Mean No. of Hours with Temperature						
						0 F	32 F	67 F	73 F	80 F	93 F	Total
Rel Hum	5099221	61211	82.3	9.224	744							
Dry Bulb	388324	12036	16.2	16.143	744	17.0	80.1					93
Wet Bulb	343634	11266	13.1	15.261	744	17.1	84.1					93
Dew Point	283919	8593	11.6	15.763	744	22.6	90.4					93

USAFETAC FORM 0.26.5 (OL A) REVIDED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C DDT APT

61-68

JAN

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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															
46/ 45				.3														2												2							
44/ 43				.4	.1													4												4							
42/ 41			1.5	.5														15												15							
40/ 39			1.3	.9														17												17	5						
38/ 37			.8	1.2	.3													17												17	15						
36/ 35	.1	.4	1.7															17											22	4							
34/ 33	.7	1.3	1.3															25											25	18							
32/ 31	1.5	3.8	.8															45											45	36	30						
30/ 29	.4	3.0	1.3	.1														36											36	42	28						
28/ 27	1.2	3.8	.3															41											41	41	40						
26/ 25	1.3	4.0	.3															44											44	45	42						
24/ 23	2.7	3.0	.1															43											43	59	60						
22/ 21	1.9	3.8																42											42	36	38						
20/ 19	1.7	2.0																28											28	41	38						
18/ 17	2.0	1.3																25											25	28	37						
16/ 15	2.6	.9																26											26	29	43						
14/ 13	2.0	.9																22											22	22	29						
12/ 11	3.4	1.9																39											39	32	24						
10/ 9	2.8	.8																27											27	37	20						
8/ 7	2.4	.3																20											20	18	34						
6/ 5	2.0	.5																19											19	21	28						
4/ 3	3.4	.3																27											27	27	23						
2/ 1	2.3	.7																22											22	21	21						
0/ -1	2.4																	18											18	19	24						
-2/ -3	3.0	.4																25											25	25	23						
-4/ -5	1.1	.1																9											9	10	24						
-6/ -7	.8	.5																10											10	10	13						
-8/ -9	1.2																	9											9	10	7						
-10/-11	1.1	.4																11											11	10	10						
-12/-13	1.5	.1																12											12	13	11						
-14/-15	.7																	5											5	5	5						
-16/-17	1.6																	12											12	12	16						
-18/-19	1.3	.1																11											11	11	7						
-20/-21	1.1																	8											8	8	16						
Element (X)	ΣX^2			ΣX			$\bar{X}$			σ_X			No. Obs.			Mean No. of Hours with Temperature						Total															
Rel. Hum.																$\leq 0 F$		$\leq 32 F$		$\geq 67 F$		$\geq 73 F$		$\geq 80 F$		$\geq 93 F$		Total									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

2

YEARS

JAN

CHRC L. S. T. 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													
-22/-23	.7																	5	5	5	7													
-24/-25	.5																	4	4	4	12													
-26/-27	.3																	2	2	2	4													
-28/-29																					4													
-32/-33																					2													
TOTAL	31.6	35.2	10.9	2.3															744	744	744	744												
																						</												

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2524/ WILLIAMS LAKE B C DUT APT

61-68

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0600

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																																						
44/ 43			.1															1	1																																									
42/ 41			1.6	.5														16	16																																									
40/ 39		.1	1.5	.5														16	16		4																																							
38/ 37		.1	1.7	.5	.1													19	19		13	1																																						
36/ 35	.1	.5	1.7		.1													19	19		19	6																																						
34/ 33	.4	1.2	1.3															22	22		25	10																																						
32/ 31	1.2	3.5	2.0															50	50		40	31																																						
30/ 29	1.3	3.5	.7															41	41		43	32																																						
28/ 27	.9	2.3	.3															26	26		34	43																																						
26/ 25	.8	5.2																45	45		29	44																																						
24/ 23	2.6	3.4	.4															47	47		34	44																																						
22/ 21	1.7	4.2																44	44		46	46																																						
20/ 19	1.9	1.5																25	25		37	44																																						
18/ 17	1.6	.9																19	19		21	41																																						
16/ 15	3.4	1.2																34	34		33	26																																						
14/ 13	1.5	1.6																23	23		23	25																																						
12/ 11	2.2	1.1																24	24		28	31																																						
10/ 9	4.3	.7																37	37		38	24																																						
8/ 7	2.3	.7																22	22		20	33																																						
6/ 5	2.2	1.1																24	24		23	32																																						
4/ 3	1.9	1.1																22	22		21	17																																						
2/ 1	2.3	.7																22	22		24	17																																						
0/ -1	2.4	.1																19	19		22	24																																						
-2/ -3	3.2																	24	24		24	18																																						
-4/ -5	1.2																	9	9		9	17																																						
-6/ -7	.8																	6	6		6	30																																						
-8/ -9	1.5	.1																12	12		11	14																																						
-10/-11	1.1	.5																12	12		12	8																																						
-12/-13	1.9																	14	14		13	9																																						
-14/-15	1.6																	12	12		12	8																																						
-16/-17	.8																	6	6		6	9																																						
-18/-19	1.2																	9	9		9	12																																						
-20/-21	1.2																	9	9		9	15																																						
-22/-23	.9																	7	7		7	11																																						
Element (X)	Σx^2					Σx					$\bar{x}$					s_x					No. Obs.					Mean No. of Hours with Temperature																																		
Rel. Hum.																										≤ 3 F					≤ 32 F					≤ 67 F					≤ 77 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

PSYCHROMETRIC SUMMARY

25247	WILLIAMS LAKE B C OUT APT
STATION	STATION NAME

61-68

JAN
MONTH

PAGE 2 0600-0800
HOURS P. 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																	5	5	5	8											
26/-27	.1																	1	1	1	4											
28/-29	.1																	1	1	1	6											
30/-31																					3											
32/-33																					1											
TOTAL	1.3	35.3	11.0	1.0	.3													744	744	744	744											
																						744	744	744	744							
</																																

PSYCHROMETRIC SUMMARY

JAN

YEARS

HOURS (L, S, T):

[illegible]

PSYCHROMETRIC SUMMARY

JAN
MONTH

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

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C DUT APT

61-68

JAN

STATION

STATION NAME

YEARS

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													
54/ 53							.1											1		1															
52/ 51							.1											1		1															
50/ 49					.3		.1											3		3															
48/ 47					.3		.3											4		4															
46/ 45			.3		.3		.1											9		9															
44/ 43				1.3	.5		.1											15		15		4													
42/ 41			.3	1.2	.8		.3											21		21		3													
40/ 39		.5	.9	1.2	.1													21		21		11													
38/ 37			.5	1.6	.1		.3											19		19		24													
36/ 35	.4	1.5	2.8	1.2														44		44		32													
34/ 33	.1	2.6	2.7	.4														43		43		39													
32/ 31	.7	2.7	3.4															50		50		53													
30/ 29	.8	3.8	2.7															54		54		58													
28/ 27	.9	4.2	1.3															48		48		61													
26/ 25	1.3	4.6	.7															49		49		61													
24/ 23	.9	2.8	.3															32		32		45													
22/ 21	1.2	1.6																21		21		34													
20/ 19	.8	1.7	.1															20		20		21													
18/ 17	.9	1.6																19		19		21													
16/ 15	1.3	2.7	.1															31		31		24													
14/ 13	.8	2.2	.1															23		23		24													
12/ 11	2.3	1.5	.4															29		29		34													
10/ 9	1.5	1.5																22		22		23													
8/ 7	1.2	.8																15		15		21													
6/ 5	1.2	.7																14		14		12													
4/ 3	1.3	1.3																21		21		17													
2/ 1	3.0	.9																29		29		32													
0/ -1	.8	.4																9		9		11													
-2/ -3	1.5	1.3																21		21		20													
-4/ -5	.4	.3																5		5		8													
-6/ -7	.9	.3																9		9		9													
-8/ -9	.7	.4																8		8		8													
-10/-11	.7	.1																6		6		6													
-12/-13	.7	.5																9		9		6													
Element (X)	ΣX^2			ΣX			$\bar{X}$			s_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 (OL A) JAN 61 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2 1200-1400

HOURS 11.5. T.

USAFETAC
FORM
HUL 64
0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2524 WILLIAMS LAKE B G DUT APT

61-68

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L.S.T.)

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

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

PSYCHROMETRIC SUMMARY

JAN

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																
-14/-15	.4																	6	6	6	7																
-16/-17	.4	.1																4	4	3	7																
-18/-19	.8																	6	6	7	1																
-20/-21	.4																	3	3	3	11																
-22/-23	.3																	2	2	2	6																
-24/-25																					5																
-26/-27																					4																
-28/-29																					2																
-30/-31																					1																
TOTAL	28.8	6.9	14.1	6.0	3.1	1.1													744		744																
																			744		744																

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

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE H C OUT APT

61-68

JAN

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														
48/ 47			.9	.1	.4													6	6																
46/ 45				.1	.1													2	2																
44/ 43				1.6	.1													13	13	3															
42/ 41				1.3														10	10																
40/ 39		.1	2.2	.1														16	18	5	3														
38/ 37	.1	.8	1.2	.3	.5													22	22	18															
36/ 35		1.6	1.2	.8	.4													30	30	37	6														
34/ 33	.3	2.7	.9	1.2														38	38	21	9														
32/ 31	.9	3.2	1.3															42	42	43	57														
30/ 29	1.7	4.2	.3	.1														49	49	57	40														
28/ 27	1.7	4.2	.7	.3														51	51	65	50														
26/ 25	1.1	3.2	.1															33	33	43	43														
24/ 23	2.1	4.2	.1															47	47	51	40														
22/ 21	1.9	1.9																28	28	33	56														
20/ 19	2.7	3.1																43	43	43	54														
18/ 17	1.1	.8																14	14	19	36														
16/ 15	2.2	.7																21	21	23	34														
14/ 13	2.2	.8																22	22	20	25														
12/ 11	2.4	.7																23	23	26	23														
10/ 9	2.6	.9																26	26	23	10														
8/ 7	2.7	.9																27	27	30	29														
6/ 5	1.7	.4																16	16	15	25														
4/ 3	2.4	.5																22	22	22	21														
2/ 1	3.0	.7																27	27	27	19														
0/ -1	1.9	.5																18	18	20	24														
-2/ -3	2.6																	19	19	19	19														
-4/ -5	1.3	.5																13	13	13	19														
-6/ -7	1.6	.1																13	13	13	20														
-8/ -9	.4	.1																4	4	3	15														
-10/ -11	.3	.1																3	3	3	13														
-12/ -13	1.1	.1																9	9	9	7														
-14/ -15	.7	.1																6	6	6	3														
-16/ -17	.3	.1																3	3	4	3														
-18/ -19	1.1																	8	8	8	10														
Element (X)	ΣX^2					ΣX					$\bar{X}$					σ_x					No. Obs.					Mean No. of Hours with Temperature									
Rel. Hum.																										≤ 0 F					≤ 32 F				
Dry Bulb																										≤ 67 F					≤ 73 F				
Wet Bulb																										≤ 80 F					≤ 93 F				
Dew Point																															Total				

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

PSYCHROMETRIC SUMMARY

61-68

JAN

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														
20/-21	.9																	7	7	7	3														
22/-23	.8																	6	6	6	8														
24/-25	.4																	3	3	3	4														
26/-27																					5														
28/-29																					7														
30/-31																					4														
TOTAL	46.1	37.5	8.7	6.0	1.6														744	744	744														
				</																															

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

PSYCHROMETRIC SUMMARY

JAN.

MOORE, S. T.

[illegible]

PSYCHROMETRIC SUMMARY

61-62

JAN 1971

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	31-32	DB WB	Dry Bulb	Wet Bulb	Dew Point															
-20/-21	.5	.1																	5	5	5	8														
-22/-23	.4	.1																	4	4	3	7														
-24/-25	.4	.1																	4	4	4	1														
-26/-27	.1	.1																	2	2	3	5														
-28/-29	.3																		2	2	2	3														
-30/-31	.1																		1	1	1	6														
-32/-33																						1														
-34/-35																						2														
-36/-37																						1														
-38/-39																						1														
-40/-41																						1														
TOTAL	48.8	25.3	10.2	5.1	.1	.3													744	744	744	744														
																							744	744	744	744										

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C DUT APT

61-68

FEB

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														
46/ 45					.1	.4												4		4															
44/ 43			1.0															7		7															
42/ 41				.7	.4	.1												9		9															
40/ 39	.1	.0	1.9	1.0	.7													30		30	13	1													
38/ 37		.7	1.0	1.0														19		19	13	4													
36/ 35	.3	1.5	3.4	.6														39		39	26	10													
34/ 33	.4	2.2	2.8	.7														42		42	34	18													
32/ 31	.9	3.4	2.8	.1														49		49	54	31													
30/ 29	1.6	5.6	2.2															64		64	63	36													
28/ 27	2.1	5.0	1.2	.1														57		57	76	49													
26/ 25	2.4	4.3	1.5															55		55	63	70													
24/ 23	3.5	3.8	1.3															59		59	60	80													
22/ 21	1.2	2.7	.7															31		31	40	58													
20/ 19	1.8	2.8	.3															33		33	41	45													
18/ 17	2.8	3.5																43		43	46	41													
16/ 15	1.8	2.2																27		27	36	26													
14/ 13	1.2	1.0																15		15	19	44													
12/ 11	1.2	1.3																17		17	13	46													
10/ 9	1.9	.6	.1															18		18	20	28													
8/ 7	1.2	.6																12		12	12	15													
6/ 5	1.2	.4																11		11	13	19													
4/ 3	.9	.6																10		10	8	4													
2/ 1	.9	.7																11		11	13	8													
0/ -1	.6	.6																8		8	9	3													
-2/ -3	.6	.1																5		5	5	6													
-4/ -5	.4																	3		3	4	10													
-6/ -7																						15													
-8/ -9																						5													
-10/-11																						1													
-12/-13																						1													
-14/-15																						3													
-16/-17																						1													
TOTAL	78.9	44.4	21.1	4.3	1.3													678		678	678	678													
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total														
Rel. Hum.	4438943		34271		80.0		11.832		678		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																		
Dry Bulb	476961		16865		24.4		10.330		678		2.0	65.4					84																		
Wet Bulb	412449		15451		22.8		9.440		678		2.2	73.3					84																		
Dew Point	312189		12793		18.0		10.226		678		5.6	79.9					84																		

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

USAFETAC

DATA PROCESSING DIVISION
 USAF ETAF
 AIR HEATER SERVICE/MAL

PSYCHROMETRIC SUMMA

23247 WILLIAMS LAKE B C DET APT

61-68

PER

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
46/ 45				.3	.1													3	3																
44/ 43			.1	.4	.1													5	5																
42/ 41		.1	.9	.3														9	9																
40/ 39	.1	.1	1.0	1.3	.6													22	22	10															
38/ 37	.6	1.3	.6	1.0														24	24	13	3														
36/ 35	.1	1.9	2.2	.3														31	31	18	9														
34/ 33	.6	2.4	2.1	.1														35	35	41	15														
32/ 31	.9	3.7	2.2	.3														48	48	43	34														
30/ 29	1.4	4.9	3.4															68	68	61	33														
28/ 27	1.5	4.3	1.5															49	49	58	50														
26/ 25	2.7	4.9	2.1															65	65	76	61														
24/ 23	4.6	3.8	1.2															65	65	75	63														
22/ 21	1.9	1.3	.9															28	28	40	77														
20/ 19	1.2	2.9	.1															29	29	26	55														
18/ 17	2.2	1.9																28	28	38	23														
16/ 15	2.8	1.5																29	29	32	36														
14/ 13	2.4	.7																21	21	25	44														
12/ 11	1.3	.9																19	15	17	30														
10/ 9	1.6	.6																15	15	12	24														
8/ 7	2.4	.7																21	21	21	17														
6/ 5	1.6	.7																16	16	17	17														
4/ 3	1.0	1.0																14	14	13	19														
2/ 1	1.6	1.0																18	18	19	9														
0/ -1	.1	.9																7	7	4	12														
-2/ -3	.3	.3																8	8	12	6														
-4/ -5	.4	.1																4	4	6	7														
-6/ -7	.1																	1	1		19														
-8/ -9																				1	8														
-10/-11																					2														
-12/-13																					3														
-14/-15																					1														
-20/-21																					1														
TOTAL	34.4	2.3	18.3	4.1	.9													678	678	678	678														
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							Total																	
Rel. Hum.	4519016		34792		80.8		11.597		678		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	84																		
Dry Bulb	447974		15796		23.3		10.868		678		2.5	68.0					84																		
Wet Bulb	390498		14786		21.8		10.029		678		2.8	73.8					84																		
Dew Point	297862		12202		18.0		10.732		678		7.3	80.7					84																		

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

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE H C ODT APT

61-68

FEB

STATION

STATION NAME

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PAGE 1 0600-0800

HOURS CL. 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		
48/ 47																																				2	2		
46/ 45																																				1	1		
44/ 43																																				5	5		
42/ 41																																				12	12		
40/ 39																																				8	8		7
38/ 37																																				20	20		16
36/ 35																																				26	26		12
34/ 33																																				44	44		25
32/ 31																																				54	54		58
30/ 29																																				57	57		67
28/ 27																																				54	54		59
26/ 25																																				55	55		61
24/ 23																																				45	45		52
22/ 21																																				41	41		55
20/ 19																																				31	31		30
18/ 17																																				35	35		34
16/ 15																																				27	27		37
14/ 13																																				20	20		20
12/ 11																																				24	24		21
10/ 9																																				21	21		23
8/ 7																																				15	15		18
6/ 5																																				28	28		28
4/ 3																																				17	17		18
2/ 1																																				13	13		11
0/ -1																																				7	7		8
-2/ -3																																				9	9		10
-4/ -5																																				2	2		1
-6/ -7																																				1	1		3
-8/ -9																																				4	4		2
-10/-11																																							2
-12/-13																																							2
-14/-15																																							1
-16/-17																																							2
-18/-19																																							1
Element (X)	ΣX^2					ΣX					$\bar{X}$					σ_x					No. Obs.					Mean No. of Hours with Temperature						Total							
Rel. Hum.																																							
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

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

PSYCHROMETRIC SUMMARY

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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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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DATA PROCESSING DIVISION
USAF ETAF
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C DDT APT

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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													1	1																
48/ 47																		3	3																
46/ 45					.4	.1												4	4																
44/ 43			.3	.1	.6	.1												8	8	1															
42/ 41		.1	1.3	1.2	.4													21	21	4															
40/ 39		.7	1.0	1.3	.6													25	25	9															
38/ 37	.1	.6	3.4	1.8	.3													42	42	21	5														
36/ 35		2.1	3.7	1.0	.1													51	51	28	15														
34/ 33	.6	3.7	3.7	.9														60	60	50	15														
32/ 31	1.3	4.0	1.9	1.2														57	57	87	43														
30/ 29	1.0	3.4	2.1	.7	.1													50	50	60	52														
28/ 27	1.0	4.9	2.7	.1														59	59	58	70														
26/ 25	1.0	3.7	2.2															47	47	61	54														
24/ 23	1.8	4.0	1.6															50	50	60	61														
22/ 21	1.2	3.5	.6															36	36	50	48														
20/ 19	1.2	2.8	.0															31	31	39	63														
18/ 17	1.5	1.6	.1															22	22	31	40														
16/ 15	1.8	1.3																21	21	26	35														
14/ 13	1.0	1.8	.7															21	21	16	37														
12/ 11	.9	.6	.4															13	13	15	33														
10/ 9	1.0	1.2																15	15	18	15														
8/ 7	.7	.9	.3															13	13	10	23														
6/ 5	.9	.9																12	12	14	14														
4/ 3	.7	.4																8	8	10	13														
2/ 1	.4	.3																6	6	6	9														
0/ -1	.3																	2	2	4	7														
-2/ -3																					8														
-4/ -5																					4														
-6/ -7																					7														
-8/ -9																					1														
-10/-11																					4														
-16/-17																					2														
TOTAL	18.7	42.5	26.3	9.9	2.5	.1												678	678	678	678														
Element (X)	Σ x ²		Σ x		Σ		Σ x		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.	4061353		51711		76.3		13.166		678		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																		
Dry Bulb	551226		18138		26.8		9.873		678		.2	57.4					84																		
Wet Bulb	461064		16634		24.3		8.843		678		.3	70.0					84																		
Dew Point	334761		13507		19.9		9.849		678		4.1	79.7					84																		

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C DUT APT

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NO. OF OBS.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.		TOTAL Dry Bulb		TOTAL Wet Bulb		TOTAL Dew Point	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31							
54/ 53																																		3	3				
52/ 51																																		6	6				
50/ 49																																		6	6				
48/ 47																																		20	20				
46/ 45																																		21	21	5			
44/ 43																																		37	37	7			
42/ 41																																		43	43	15			
40/ 39																																		54	54	29	1		
38/ 37																																		51	51	41	14		
36/ 35																																		55	55	69	18		
34/ 33																																		61	61	59	27		
32/ 31																																		56	56	88	48		
30/ 29																																		56	56	60	54		
28/ 27																																		61	61	77	81		
26/ 25																																		41	41	69	55		
24/ 23																																		24	24	51	61		
22/ 21																																		19	19	27	69		
20/ 19																																		21	21	25	51		
18/ 17																																		12	12	17	55		
16/ 15																																		7	7	10	37		
14/ 13																																		5	5	7	27		
12/ 11																																		9	9	9	16		
10/ 9																																		3	3	9	19		
8/ 7																																		3	3	2	10		
6/ 5																																		4	4	7	7		
4/ 3																																					5		
2/ 1																																					5		
0/ -1																																					3		
-2/ -3																																					7		
-6/ -7																																					6		
-8/ -9																																					1		
-12/-13																																					1		
TOTAL	4.329	8.830	8.817	8.811	8.813	4.9	.9																											678	678	678	678		
Element (X)	Σ X ²					Σ X					X					σ _x					No. Obs.					Mean No. of Hours with Temperature					Total								
Rel. Hum.	3173867					45229					66.715					212					678					≤ 0 F					≤ 32 F								
Dry Bulb	781096					22198					32.7					8.958					678					- 67 F					- 73 F								
Wet Bulb	600902					19538					28.8					7.479					678					- 80 F					- 93 F								
Dew Point	385258					15060					22.2					8.657					678					2.2					76.6								

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE H C DQT APT
STATION STATION NAME

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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	.4	.3																												6	6		
52/ 51					.4	.9	.3																												11	11		
50/ 49					.3	1.3	.9		.1																									18	18			
48/ 47					.3	1.2	.9	.3																										18	18			
46/ 45				.1	.7	2.1	1.0																											27	27			
44/ 43					1.0	1.9	2.2	.1																										36	36			
42/ 41			.3	.9	1.9	1.0	1.0																											35	35			
40/ 39		.3	1.3	2.1	2.1	2.1	.3																											55	55			
38/ 37		.1	1.3	1.9	2.5	.7	.6																												49	49		
36/ 35			.9	4.4	2.9	.9	.3																												63	63		
34/ 33		.9	2.8	2.9	1.9	.3																													60	60		
32/ 31		.4	1.8	3.7	1.3	.1																													50	50		
30/ 29		1.9	4.3	3.5	1.0	.1																													71	71		
28/ 27		.7	2.2	3.5	.6																															48	48	
26/ 25		.3	3.1	1.8	.1																															36	36	
24/ 23		.7	2.1	1.3	.1																															30	30	
22/ 21		.1	1.0	.4																																11	11	
20/ 19			1.2	.6		.1																														13	13	
18/ 17		.1	.3	.9	.3																															11	11	
16/ 15		.3	1.0	.6																																13	13	
14/ 13		.3	.3	.4																																7	7	
12/ 11			.3																																	2	2	
10/ 9																																					4	4
8/ 7		.4	.1																																	4	4	
6/ 5			.4																																	3	3	
4/ 3			.1																																	1	1	
2/ 1																																						
0/ -1																																						
-2/ -3																																						
-4/ -5																																						
-6/ -7																																						
-8/ -9																																						
-10/-11																																						
-16/-17																																						
Element (X)	Σx^2					Σx					$\bar{x}$					σ_x					No. Obs.					Mean No. of Hours with Temperature						Total						
Rel. Hum.																										$\leq 0\text{ F}$ $\leq 32\text{ F}$ $\leq 67\text{ F}$ $\leq 73\text{ F}$ $\leq 80\text{ F}$ $\leq 93\text{ F}$												
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

PSYCHROMETRIC SUMMARY

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MOLECULES 16

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PSYCHROMETRIC SUMMARY

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DATA PROCESSING DIVISION
USAF ETA
AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C UNIT APT

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FEV

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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	.4	.6	.3												10	10																
44/ 43			1.3	.3														11	11																
42/ 41			.1	1.5	.4													14	14	1															
40/ 39		.4	1.2	1.8	.4													26	26	17	1														
38/ 37	.1	.7	2.4	1.2	.3													32	32	9	4														
36/ 35	.3	1.6	4.4	1.9														56	56	34	13														
34/ 33	.4	2.8	3.4	.9	.1													52	52	49	14														
32/ 31	1.3	2.8	3.1	.4														52	52	66	37														
30/ 29	1.3	2.1	1.2	.3														33	33	72	57														
28/ 27	2.7	5.5	1.6	.4														69	69	55	50														
26/ 25	2.2	5.3	1.3	.3														62	62	67	72														
24/ 23	2.4	3.1	1.0															44	44	63	79														
22/ 21	1.3	3.1	.3															32	32	36	49														
20/ 19	1.0	3.2	.3															31	31	36	41														
18/ 17	1.8	4.4	.4															45	45	37	45														
16/ 15	1.5	2.2																25	25	46	32														
14/ 13	1.6	1.0	.1															19	19	20	38														
12/ 11	.9	1.0	.3															15	15	15	37														
10/ 9	1.2	.6	.1															13	13	12	35														
8/ 7	.4	.4	.1															7	7	9	18														
6/ 5	.4	1.0	.1															11	11	8	8														
4/ 3	.6	.1																5	5	10	7														
2/ 1	.9	.6																10	10	10	2														
0/ -1	.4																	3	3	5	5														
-2/ -3																					9														
-4/ -5	.1																	1	1	1	6														
-6/ -7																					6														
-8/ -9																					7														
-10/ -11																					5														
-14/ -15																					1														
TOTAL	23.0	42.2	23.2	9.4	1.9	.3												678	678	678	678														
																					678	678	678												
Element (X)	$\Sigma x'$		Σx		$\bar{x}$		σ_x		No. Obs.		Mean No. of Hours with Temperature						Total																		
Rel. Hum.	4205218		52622		77.6		13.371		678		≤ 0 F		+ 32 F		+ 67 F		+ 73 F		+ 80 F		+ 93 F		Total												
Dry Bulb	531826		17776		26.2		9.856		678		.9		59.1										84												
Wet Bulb	449399		16393		24.2		8.843		678		.7		70.4										84												
Dew Point	331614		13432		19.8		9.837		678		4.8		80.0										84												

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

DATA PROCESSING DIVISION
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 AIR EATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C OUT APT

61-68

MAR

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HOURS 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
50/ 49									.3																									2	2		
48/ 47								.4		.3																								5	5		
46/ 45								.3	.1																									3	3		
44/ 43					.4		.4	.6	.1																									12	12		
42/ 41			.7	.3	1.1	.8																												21	21	6	
40/ 39			.4	.4	1.5	.3																												19	19	9	3
38/ 37			.3	2.3	.9	.5																												30	30	14	4
36/ 35	.1	.7	1.9	.9																														27	27	26	11
34/ 33	.3	2.6	2.2	1.2	.1																													47	47	42	7
32/ 31	.9	3.9	4.4	1.1																														80	80	56	25
30/ 29	1.1	5.4	5.9	.4																														95	95	68	45
28/ 27	2.6	5.0	4.4	.1																														89	89	112	58
26/ 25	.9	3.9	1.2																															45	45	92	68
24/ 23	1.3	2.6	1.2																															38	38	61	85
22/ 21	1.6	2.7	1.2																															41	41	38	78
20/ 19	1.3	2.8	.5																															35	35	46	71
18/ 17	.8	1.1	.1																															15	15	26	51
16/ 15	1.3	.9																																17	17	20	47
14/ 13	1.2	1.3	.1																															20	20	15	29
12/ 11	.8	1.1	.1																															15	15	17	18
10/ 9	.8	1.3																																16	16	17	24
8/ 7	.9	1.3																																17	17	17	13
6/ 5	.5	1.3																																14	14	14	14
4/ 3	.4	.9																																10	10	14	14
2/ 1		.9																																7	7	6	14
0/ -1	.3	.4																																5	5	7	7
-2/ -3	.3	.4																																5	5	7	6
-4/ -5	.9	.1																																8	8	8	12
-6/ -7																																					14
-8/ -9																																					6
-10/ -11	.4																																	3	3	3	5
-12/ -13	.3	.1																																3	3	3	7
-14/ -15																																					2
-16/ -17																																					2
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.																																					
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

PSYCHROMETRIC SUMMARY

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STATION

STATION NAME

YEARS

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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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									</

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE R C DDT APT

61-68

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STATION

STATION NAME

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HOURS LT ST 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		TOTAL		TOTAL		TOTAL		TOTAL					
50/ 44					.3													2				2													
48/ 47				.1														1				1													
46/ 45			.1	.1	.3													4				4													
44/ 43			.1	.4	.7	.1												10				10													
42/ 41		.3	.1	.8	.3													11				11													
40/ 39	.1	.5	.7	.5	.4													17				17													
38/ 37	.3	.4	1.1	.5														17				17													
36/ 35	.1	1.2	1.9	1.5														35				35													
34/ 33	.3	1.7	3.2	.9														45				45													
32/ 31	.3	2.7	3.4	.1														48				48													
30/ 29	1.1	7.1	3.6	.3														95				95													
28/ 27	2.6	5.8	2.2	.3														80				80													
26/ 25	.9	4.7	2.0															57				57													
24/ 23	2.0	4.3	.9															54				54													
22/ 21	2.4	4.0	.7															53				53													
20/ 19	1.9	2.4	.4															35				35													
18/ 17	1.5	1.3	.1															22				22													
16/ 15	2.2	1.6	.1															29				29													
14/ 13	1.3	.5																14				14													
12/ 11	.7	.3	.1															8				8													
10/ 9	1.6	1.2																21				21													
8/ 7	1.1	1.6																20				20													
6/ 5	.7	.4																8				8													
4/ 3	.4	.3																5				5													
2/ 1	.4	.8																9				9													
0/ -1	.4	1.6																16				16													
-2/ -3	.8	.8																12				12													
-4/ -5	1.1	.4																11				11													
-6/ -7	.4	.1																4				4													
-8/ -9	.1	.1																2				2													
-10/-11																																			
-12/-13																																			
-14/-15	.1																	1				1													
-16/-17	.1																	1				1													
Element (X)	ΣX^2				ΣX				$\bar{X}$				σ_x				No. Obs.				Mean No. of Hours with Temperature										Total				
Rel. Hum.																					$\leq 0 F$ $\leq 32 F$ $\geq 67 F$ $\geq 73 F$ $\geq 80 F$ $\geq 93 F$														
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

PSYCHROMETRIC SUMMARY

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HOURS - L. S. T. 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																
-20/-21	.1																	1		1		1															
-22/-23																			1			1															
-24/-25																					1	1															
TOTAL	45.1	40.4	20.0	5.6	1.9	.1													744	744	744	744															

DATA PROCESSING DIVISION
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25247 WILLIAMS LAKE A C DUT APT

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OURS L. S. T. I

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																																											
50/ 49				.1														1	1																																																													
48/ 47				.3														2	2																																																													
46/ 45					.4													3	3	1																																																												
44/ 43				.7	.4	.1												9	9																																																													
42/ 41		.1	.1	.7	.3													9	9	2																																																												
40/ 39	.3	.4	1.1	.8														19	19	4	3																																																											
38/ 37	.1	1.1	.5	.8	.1													20	20	19	8																																																											
36/ 35	.3	.7	2.7	.8														33	34	24	5																																																											
34/ 33	.5	1.2	3.2	.8	.3													45	45	28	9																																																											
32/ 31	.5	2.7	4.5	.4														60	61	40	22																																																											
30/ 29	1.2	5.9	2.4	.4														74	74	72	30																																																											
28/ 27	2.0	7.0	2.8	.1														89	90	97	63																																																											
26/ 25	.5	4.0	2.2															50	50	70	74																																																											
24/ 23	3.8	3.4	.9															60	60	82	77																																																											
22/ 21	3.0	3.8	.3															52	52	61	83																																																											
20/ 19	1.6	2.2	.1															29	29	41	54																																																											
18/ 17	.3	3.5	.3															30	30	28	56																																																											
16/ 15	1.1	1.2																17	17	25	39																																																											
14/ 13	1.6	1.2	.1															22	22	24	38																																																											
12/ 11	.7	.3																7	7	12	30																																																											
10/ 9	1.1	.3																10	10	9	16																																																											
8/ 7	1.3	.7																15	15	13	19																																																											
6/ 5	.9	1.6																19	19	15	14																																																											
4/ 3	.4	.8																9	9	14	9																																																											
2/ 1	.7	.5																9	9	8	8																																																											
0/ -1	.4	.4																6	6	8	9																																																											
-2/ -3	.7	1.5																16	16	10	10																																																											
-4/ -5	.7	.7																10	10	17	10																																																											
-6/ -7	.8	.1																7	7	7	9																																																											
-8/ -9	.4																	3	3	4	12																																																											
-10/-11	.3	.1																3	3	3	3																																																											
-12/-13																					12																																																											
-14/-15		.1																1	1		8																																																											
-16/-17	.1																	1	1	2	1																																																											
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

PSYCHROMETRIC SUMMARY

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14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 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	DB. W.B.	Dry Bulb	Wet Bulb	Dew Point																		
-18/-19																						3																	
-20/-21	.1																	1	1	1		2																	
-22/-23																						1																	
-24/-25																						2																	
TOTAL	5.5	5.6	21.4	5.9	1.5	.1												741	744	741		741																	

USAFETAC
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PSYCHROMETRIC SUMMARY

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HOURS U. S. T. J.

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PSYCHROMETRIC SUMMARY

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HOURS 11 - 5 P.M.

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PSYCHROMETRIC SUMMARY

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USAFETAC
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JUL 64
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PSYCHROMETRIC SUMMARY

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MONTH

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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					
-12/-13																																1					
-14/-15																																2					
-16/-17																																2					
-18/-19																																1					
-20/-21																																1					
-22/-23																																1					
TOTAL:	. 14.7 22.4 24.5 14.7 14.9 0.0 1.7 .3																	744			744			744													

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2537917	41801	36.2	15.964	744	< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	
Dry Bulb	1046600	26822	36.1	10.353	744	.5	28.9					93
Wet Bulb	730225	22497	30.2	8.200	744	.9	53.6					93
Dew Point	389667	15583	20.9	9.227	744	3.4	87.1					93

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C OUT APT

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HOURS: 11 A.M. - 5 P.M.

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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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																
-14/-15	.1																	1	1	1	2																
-16/-17																					2																
-18/-19																					1																
-22/-23																					1																
-24/-25																					2																
TOTAL	11.4	35.9	28.0	14.4	8.2	1.9	.3											744	744	744	744																
																						744	744	744	744												

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HOURS 1 5 7 1

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HOURS 11-5-7-1

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PSYCHROMETRIC SUMMARY

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HOURS 11:55 - 1:00

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FORM
M 8 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE H C DDT APT

61-68

APR

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														
62/ 61								.1										1	1																
60/ 59							.3	.1										3	3																
58/ 57						.1	.3											3	3																
56/ 55					.3	.1	.6	.3	.1									10	10																
54/ 53					.4	.7	.6		.1									13	13																
52/ 51				.1	.8	1.5	.6	.1	.4									26	26																
50/ 49				.3	1.5	.7	1.8	.6										35	35																
48/ 47			.1	.7	1.8	2.6	.7	.3										45	45																
46/ 45			.8	.6	3.1	2.4	.6	.1										54	54																
44/ 43		.3	.7	2.9	3.2	2.4	.4											71	71																
42/ 41		1.0	.8	2.6	2.9	2.5	.1											70	70																
40/ 39	.3	2.5	1.1	3.3	5.4	1.0												98	98																
38/ 37	.1	1.8	2.5	4.3	2.1	.3												80	80																
36/ 35	.4	1.5	2.8	4.0	1.1	.6												74	74																
34/ 33	1.5	1.8	2.1	1.8	.1													53	53																
32/ 31	.4	2.2	1.8	1.1														40	40																
30/ 29	.3	1.0	1.4	.1														20	20																
28/ 27		.1	.6	.1														6	6																
26/ 25	.1	.4	.4															7	7																
24/ 23		.1	.1															2	2																
22/ 21		.1																1	1																
20/ 19		.1																1	1																
18/ 17		.1																1	1																
16/ 15																		1	1																
14/ 13		.1																1	1																
12/ 11	.1																	1	1																
10/ 9	.3	.1																3	3																
8/ 7	.1																	1	1																
6/ 5																																			
4/ 3																																			
2/ 1																																			
TOTAL	3.8	13.5	15.1	21.8	22.8	14.9	5.8	1.7	.7									720		720															
																			720	720															
Element (X)	Σ X'			Σ X			X			Σ X			X			No. Obs.			Mean No. of Hours with Temperature																
Rel. Hum.	2716579			42269			58.7			18.082			720						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							Total				
Dry Bulb	1201080			28944			40.2			7.229			720							10.5											90				
Wet Bulb	860291			24587			34.1			5.363			720							34.3											90				
Dew Point	512391			18333			29.7			7.011			720							79.6											90				

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

PSYCHROMETRIC SUMMARY

61-68

APR

PAGE 1 1200-1400
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																
66/ 65									.1	.1								1	1																	
64/ 63									.1	.6	.3							7	7																	
62/ 61									.4		.1							4	4																	
60/ 59							.3		.8	.6	.4							15	15																	
58/ 57							.3	.7	1.4	.4								20	20																	
56/ 55							.4	1.7	1.3	.8	.1							31	31																	
54/ 53				.1	.8	.8	1.5	.6	1.1	.1								37	37																	
52/ 51				.6	.8	1.9	2.5	1.8	.3									57	57	1																
50/ 49			.3	.3	1.8	2.4	3.9	1.4	.1									73	73	7																
48/ 47			.3	.7	1.0	2.4	2.4	.7										53	53	13																
46/ 45		.1	.7	1.3	1.7	3.3	4.2	.3										84	84	31																
44/ 43		.1	1.0	1.3	2.6	4.3	1.3											76	76	46																
42/ 41		.7	.7	1.1	2.1	3.2	1.7											68	68	67																
40/ 39		1.0	1.4	1.5	3.5	1.3												62	62	79																
38/ 37		.8	1.1	2.3	1.3	.4												44	44	101																
36/ 35	.1	1.8	1.7	1.3	.4	.1												39	39	105																
34/ 33	.7	1.5	.3	.1	.1													20	20	114																
32/ 31	.3	.7	.8															13	13	96																
30/ 29		.7	.4															8	8	38																
28/ 27			.1															1	1	11																
26/ 25			.1															1	1	3																
24/ 23																				1																
22/ 21		.1																1	1	1																
20/ 19	.1																	1	1	2																
18/ 17	.1																	1	1	1																
16/ 15																																				
14/ 13																																				
12/ 11																																				
10/ 9																																				
8/ 7	.4																	3	3	3																
6/ 5																																				
4/ 3																																				
TOTAL	1.8	7.6	8.9	10.7	16.1	21.3	19.7	8.8	4.0	1.1								720	720	720																
Element (X)	Σx'			Σx			x̄			s _x			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.	1973959			35127			48.8			19.023			720			≤ 0 F			≤ 32 F			≤ 67 F			≤ 73 F			≤ 80 F			≤ 93 F			Total		
Dry Bulb	1503880			32428			45.0			7.766			720						3.6															90		
Wet Bulb	583848			26338			36.6			5.323			720						19.3															90		
Dew Point	498669			18141			23.2			7.606			720						72.3															90		

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

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PSYCHROMETRIC SUMMARY

61-68

APP

1500-1700

1500-1700

USAFETAC FORM 0-26-5 (01A)

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 1500-1700
HOURS S. T.

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23247 WILLIAMS LAKE R C OUT APT

61-68

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300

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																						
58/ 57						.1			.1																							2	2									
56/ 55						.4			.3																							5	5									
54/ 53						.3	.3																									4	4									
52/ 51						.6	.1	.1																								6	6									
50/ 49						.4	1.1	.7																								16	16									
48/ 47		.1	.6	.3	1.4	1.5	.3																									30	30	2								
46/ 45			.3	.7	1.4	2.4	.4	.1																								42	42	5								
44/ 43	.1	.6	1.0	1.3	3.1	1.7	.7																									60	60	8								
42/ 41		.8	1.3	1.9	3.8	1.5	.1																									68	68	22	10							
40/ 39	.3	1.8	1.0	3.5	2.9	.7																										73	73	51	10							
38/ 37	.1	2.8	1.3	2.4	3.1	.3																										73	73	64	17							
36/ 35	1.0	2.1	2.5	3.8	1.0	.1																										75	75	99	28							
34/ 33	.8	2.6	2.1	3.5	1.0																											72	72	97	45							
32/ 31	2.1	3.3	3.5	1.4	1.0																											81	81	106	59							
30/ 29	1.3	2.3	3.5	.8																												58	58	97	62							
28/ 27	.3	1.8	2.1																													30	30	79	77							
26/ 25		1.1	.8																													14	14	53	71							
24/ 23		.6																														4	4	23	71							
22/ 21		.1																														1	1	8	92							
20/ 19																																			67							
18/ 17	.1	.1																														2	2	2	40							
16/ 15		.1																														1	1	1	24							
14/ 13																																			25							
12/ 11																																			12							
10/ 9	.3																															2	2	2	6							
8/ 7	.1																															1	1	1	1							
6/ 5																																			1							
4/ 3																																			2							
TOTAL	6.3	20.6	20.0	19.4	19.4	10.7	2.6	.3	.4																							720	720	720	720							
Element (X)	Σ x ²			Σ x			x̄			s _x			No. Obs.			Mean No. of Hours with Temperature																										
Rel. Hum.	3230138			46260			64.9			18.940			720			≤ 0 F									≤ 32 F			≤ 67 F			≤ 73 F			≤ 80 F			≤ 93 F			Total		
Dry Bulb	1032903			26821			37.3			6.833			720												24.3												90					
Wet Bulb	773481			23295			32.4			5.246			720												46.3												90					
Dew Point	491369			18145			25.2			6.886			720												76.3												90					

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

PSYCHROMETRIC SUMMARY

61-68

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PSYCHROMETRIC SUMMARY

RAY

STATION

STATION NAME

YEARS

MCHM

PAGE 1 0300-0500

HOUSERS S Y)

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						.5	.5											8	8																
54/ 53					.3	.7												7	7																
52/ 51				.1	.9	.4	.1	.4										15	15																
50/ 49			.3	.7	1.2	.4	.1											27	20																
48/ 47	.4	.9	1.9	1.2	1.9	.1												48	48	5															
46/ 45	1.3	1.9	1.5	1.9	1.6	.1												62	62	40	19														
44/ 43	1.3	3.2	1.5	1.2	.9													61	61	66	25														
42/ 41	1.1	2.4	2.5	2.6	.1													61	61	58	40														
40/ 39	2.7	3.2	3.4	2.8	.9													97	97	90	58														
38/ 37	.4	3.6	3.1	1.7	.3													68	68	58	47														
36/ 35	1.1	3.5	4.0	1.2														72	73	93	66														
34/ 33	1.1	3.8	2.4	1.9														68	68	81	69														
32/ 31	2.2	4.6	2.3	.1														68	68	88	71														
30/ 29	1.3	3.0	1.4	.1														43	43	83	88														
28/ 27	1.1	1.5	.4															22	22	48	97														
26/ 25	.7	.9	.4															15	15	19	50														
24/ 23	.4	.3																5	5	14	46														
22/ 21	.1																	1	1	1	34														
20/ 19																					23														
18/ 17																					6														
16/ 15																					5														
TOTAL	5.2	32.8	24.5	15.6	8.2	2.4	.9	.4										744	744	744	744														

PSYCHROMETRIC SUMMARY

14 Y

PAGE 1 0600-0800
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														
66/ 65									.1	.1								2	2																
64/ 63										.1								1	1																
62/ 61								.1	.4	.1								5	5																
60/ 59							.1	1.1	.5									13	13																
58/ 57					.3		.9	.3	.1	.1								13	13																
56/ 55				.1	1.1	1.6	.7	.1										27	27																
54/ 53			.1	.4	1.2	1.1	.1	.3										24	24																
52/ 51		.3	.3	.5	1.7	1.1	.4	.1										33	33	1															
50/ 49	.1	.5	.5	1.1	2.0	1.5	.1											44	44	16	1														
48/ 47	.7	1.3	1.3	2.0	2.8	.7	.1											67	67	47	8														
46/ 45	.4	3.5	1.1	3.0	3.8	1.1												95	95	52	18														
44/ 43	.7	2.7	1.7	4.2	2.0	.4												87	87	72	38														
42/ 41	.5	2.3	2.6	3.0	1.1	.3												72	72	88	38														
40/ 39	1.2	1.6	2.8	3.6	.9													76	76	97	61														
38/ 37	.5	1.6	3.0	2.8	.3													61	61	93	61														
36/ 35	.4	1.2	2.6	1.9														45	45	82	74														
34/ 33	.5	2.0	1.6	.7														36	36	68	63														
32/ 31	1.5	2.0	1.1															34	34	80	85														
30/ 29		.4																3	3	33	92														
28/ 27	.1	.3	.1															4	4	11	74														
26/ 25		.3																2	2	3	56														
24/ 23																				1	34														
22/ 21																					25														
20/ 19																					12														
18/ 17																					1														
16/ 15																					1														
TOTAL	6.7	20.0	18.8	23.3	17.2	8.7	3.0	1.7	.5									744	744	744	744														

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE R C DDT APT

61-68

4AY
MONTH

PAGE 1 0900-1100
HOURS 11 5 10

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																								2		2						
74/ 73												.3																								2		2						
72/ 71												.3																								4		4						
70/ 69												.5																								11		11						
68/ 67												.4																								7		7						
66/ 65												.9																								13		13						
64/ 63												.3																								20		20						
62/ 61											.5	1.6																							32		32							
60/ 59											.9	1.3																							30		30							
58/ 57											.5	1.1																							40		40	1						
56/ 55											.5	1.3																							46		46	2						
54/ 53											.9	2.8																							69		69	12						
52/ 51											.5	1.6																							65		65	30						
50/ 49											.1	3.8																							87		87	54						
48/ 47											.8	3.1																							89		89	49						
46/ 45											.1	3.0																							61		61	88						
44/ 43											.8	2.8																							45		45	97						
42/ 41											.4	1.7																							45		45	108						
40/ 39											.1	2.2																							31		31	94						
38/ 37											.7	1.8																							16		16	77						
36/ 35											.1	1.2																							16		16	65						
34/ 33											.9	1.1																							9		9	41						
32/ 31											.3	1.1																							4		4	25						
30/ 29																																						1						
28/ 27																																												
26/ 25																																												
24/ 23																																												
22/ 21																																												
20/ 19																																												
18/ 17																																												
16/ 15																																												
TOTAL	1.1	8.9	5.9	13.2	19.9	20.7	12.6	9.0	5.5	1.6	1.3	.3																						744		744	744							
																																					744		744		744		744	
Element (X)	Σx^2		Σx		$\bar{x}$		σ_x		No. Obs.		Mean No. of Hours with Temperature						Total																											
Rel. Hum.	2309829		39309		52.8		17.707		744		≤ 0 F		+ 32 F		+ 67 F		+ 73 F		+ 80 F		+ 93 F		Total																					
Dry Bulb	1944642		37560		50.5		8.077		744				.5		3.3		.5						93																					
Wet Bulb	1324566		31138		41.5		4.363		744				3.3										93																					
Dew Point	824190		242		.3		.872		744				49.3										93																					

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

DATA PROCESSING DIVISION
USAF ETAT
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C OUT APT

61-68

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																																							
82/ 81																																		2	2																																								
80/ 79																						.1						.1					2	2																																									
78/ 77																						.2	.3										7	7																																									
76/ 75																						.1	.4	1.1									12	12																																									
74/ 73																						.1	.4					.3					7	7																																									
72/ 71																						.1	.4										14	14																																									
70/ 69																						.8	.4										13	13																																									
68/ 67																						.1	.1										26	26																																									
66/ 65																						.3	.1					.1					25	25																																									
64/ 63																																		28	28																																								
62/ 61																																		42	42																																								
60/ 59																																		55	55																																								
58/ 57																																		59	59																																								
56/ 55																																		84	84																																								
54/ 53																																		61	61	34	1																																						
52/ 51																																		82	82	50																																							
50/ 49																																		53	53	50	3																																						
48/ 47																																		51	51	71	6																																						
46/ 45																																		40	40	97	24																																						
44/ 43																																		28	28	136	39																																						
42/ 41																																		26	26	85	39																																						
40/ 39																																		9	9	68	47																																						
38/ 37																																		11	11	60	45																																						
36/ 35																																		6	6	48	48																																						
34/ 33																																		1	1	24	72																																						
32/ 31																																				8	84																																						
30/ 29																																				1	73																																						
28/ 27																																					73																																						
26/ 25																																					54																																						
24/ 23																																					45																																						
22/ 21																																					33																																						
20/ 19																																					20																																						
18/ 17																																					19																																						
16/ 15																																					6																																						
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 0-26-3 (OL A) REISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

MAY

MONTH

1200-1400
HOURS **S T I**

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

PSYCHROMETRIC SUMMARY

MAY

MCN 1 H

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

1500-1700
HOURS: 1 5 1

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE H C DUT APT

61-68

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	Dry Bulb	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	Wet Bulb	Dew Point																	
80/ 79												.1																					1	1		
78/ 77																																	4	4		
76/ 75																																	4	4		
74/ 73												.1	.3	.1																		8	8			
72/ 71												.3	.4	.9	.1																	13	13			
70/ 69												.3	.7	.5	.5																	15	15			
68/ 67									.1	.3	1.1	.3																				17	17			
66/ 65								.1	.7	1.4	.7					.1	.1															23	23			
64/ 63							.1	.4	.5	.8	1.2	.1																				24	24			
62/ 61							.8	.4	1.7	1.5	.8	.1																				40	40			
60/ 59						.1	.4	.1	2.3	1.9	.5																					40	40			
58/ 57						.9	.5	1.6	2.6	.9	.4																					52	52	3		
56/ 55			.1	.3	.3	1.2	2.8	2.0	.5																							54	54	7		
54/ 53		.1	.4	.4	1.1	1.5	2.3	1.3	.5																							57	57	16		
52/ 51	.3	1.2	.5	2.2	1.2	1.3	1.9	1.1																								72	72	54	2	
50/ 49		1.1	.4	1.1	1.7	2.2	2.3	.4																								72	72	53	7	
48/ 47		1.6	1.5	.9	2.0	1.6	.5																									61	61	62	12	
46/ 45	.1	1.6	.7	1.2	2.0	1.7	.4																									58	58	105	27	
44/ 43		.8	.9	.7	1.6	.5	.3																									36	36	108	48	
42/ 41	.1	.5	.7	.5	.3	.3																										18	18	86	37	
40/ 39		1.1	.5	.7	.7	.4																										23	23	77	32	
38/ 37	.3	1.9	.4	.7																												24	24	74	49	
36/ 35	.1	1.1	.3	.3																												13	13	49	70	
34/ 33		1.2	.1																													10	10	27	70	
32/ 31		.1																														1	1	16	67	
30/ 29	.3																															2	2	7	82	
28/ 27																																			57	
26/ 25																																			45	
24/ 23																																			48	
22/ 21																																			28	
20/ 19																																			17	
18/ 17																																			8	
16/ 15																																			8	
14/ 13																																				

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

2

2

MAY

HOURS (L S T)

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

PSYCHROMETRIC SUMMARY

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/ 69									.1									1	1																
68/ 67										.1	.1							2	2																
66/ 65								.1	.1	.1	.1	.1						5	5																
64/ 63								1.1	.3	.4			.1					14	14																
62/ 61							.1	.5	.7									13	13																
60/ 59							.4	.8	.9	.4								19	19																
58/ 57						.3	.5	1.3	.5		.1							21	21																
56/ 55					.5	.8	.9	1.3	.4	.3								32	32																
54/ 53			.4	.5	.8	1.5	1.3	.5	.1									39	39	2															
52/ 51		.5	1.1	.4	.4	3.0	.9	.4										50	50	5															
50/ 49	.1	1.7	1.2	1.5	1.2	2.4	1.3	.3										73	73	39	5														
48/ 47	.4	2.3	1.3	1.9	1.6	1.9	.9											77	77	64	11														
46/ 45	.3	3.2	1.9	2.4	2.3	.4												78	78	62	32														
44/ 43	.3	1.9	2.7	2.3	1.7	1.3	.1											77	77	77	38														
42/ 41	.7	2.2	1.6	2.0	1.6	.3												62	62	109	44														
40/ 39	.4	1.1	1.5	1.7	1.5													46	46	102	56														
38/ 37	.5	2.7	.9	1.2	.5	.3												46	46	71	61														
36/ 35	.7	1.6	.8	1.2	.1													33	33	78	77														
34/ 33	.7	1.6	.7	.3	.1													25	25	53	68														
32/ 31	.8	1.2	.7															20	20	47	76														
30/ 29	.1	.5	.4															8	8	25	73														
28/ 27	.1	.1																2	2	10	61														
26/ 25	.1																	1	1	4	37														
24/ 23																					45														
22/ 21																					21														
20/ 19																					24														
18/ 17																					4														
16/ 15																					3														
14/ 13																					5														
12/ 11																					3														
TOTAL	5.2	20.7	15.2	16.0	13.0	13.0	8.9	5.0	1.7	.8	.3	.1						744	744	744	744														
Element (X)	2x'	2x	X	%	No. Obs.	Mean No. of Hours with Temperature						± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total																	
Rel. Hum.	3358348	47560	63.920	691	744							± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total																	
Dry Bulb	1622759	34243	46.0	7.928	744							± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total																	
Wet Bulb	1210976	29722	39.8	5.638	744							± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total																	
Dew Point	853479	24577	33.0	7.484	744							± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total																	

PSYCHROMETRIC SUMMARY

JUN
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUN

HOURS 11-5-7

[illegible]

PSYCHROMETRIC SUMMARY

61-68

JUN

STATION

STAY ON NAME

YEARS

MONTH

PAGE 1 0600-0800

40-88-6-1

[illegible]

PSYCHROMETRIC SUMMARY

1116

YEARS

HOURS IL. 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																
80/ 79												.1						1	1																
78/ 77												.1	.3					3	3																
76/ 75												.4	.1					4	4																
74/ 73									.1	.3	.8	.4						15	15																
72/ 71								.3	1.1	1.0	.4		.3	.1				20	20																
70/ 69						.1	.1	.7	1.5	1.3	.8							33	33																
68/ 67						.1	1.3	1.8	1.7	1.6	.1							40	40																
66/ 65						.4	1.7	1.5	1.0	.1								34	34																
64/ 63					.3	.7	2.1	1.9	1.3	.4								48	48																
62/ 61				.3	.7	1.7	2.6	1.5	.7	.1								55	55																
60/ 59		.1		.7	1.3	1.8	2.3	2.2	.3	.1								65	65	4															
58/ 57			.3	.7	1.5	3.2	2.8	1.0										68	68	12	1														
56/ 55			.8	1.5	1.7	4.4	2.1	.3										78	78	52															
54/ 53		.1	1.4	1.9	3.2	3.9	1.9											87	87	66	3														
52/ 51		.8	1.1	1.8	1.4	2.6	.7											61	61	94	12														
50/ 49		.8	.8	2.6	1.3	1.1	.1											49	49	102	26														
48/ 47		.4	1.3	1.4	.7	.4												30	30	116	38														
46/ 45	.3	.3	.5	.6	.1													15	15	103	68														
44/ 43	.1	.7		.1														7	7	93	79														
42/ 41	.1	.3	.1															4	4	54	86														
40/ 39		.3																2	2	17	98														
38/ 37																				7	89														
36/ 35																					70														
34/ 33																					12														
32/ 31																					28														
30/ 29																					23														
28/ 27																					18														
26/ 25																					5														
24/ 23																					3														
22/ 21																					1														
TOTAL	.6	3.9	6.7	11.7	12.1	20.6	17.5	11.4	7.6	4.4	2.4	.8	.3					720	720	720	720														
Element (X)	Σx'		Σx		R	s _x		No. Obs.		Mean No. of Hours with Temperature																									
Rel. Hum.	2121629		37405		52.015.751		720		≤ 67 F		≥ 73 F		≤ 80 F		≥ 93 F		Total																		
Dry Bulb	2475722		41876		58.2		7.474		720		14.6		3.0		.1		90																		
Wet Bulb	1681955		34649		48.1		4.494		720								90																		
Dew Point	1144156		28396		39.4		5.807		720		9.8						90																		

PSYCHROMETRIC SUMMARY

61-68

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

HOURS	S	T

[illegible]

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

PSYCHROMETRIC SUMMARY

61-68

100

PAGE 2 1200-1400

[illegible]

PSYCHROMETRIC SUMMARY

JUN
MON 2

PAGE 1 1500-1700
HOURS: L. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

JUN

PAGE 2 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														
22 / 21 16 / 15																						2 1													
TOTAL	.1	4.0	3.5	5.6	4.3	7.5	10.6	13.6	15.0	13.2	8.3	7.2	2.9	3.1	.3	.4	.4			720	720	720													

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

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

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

[illegible]

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

PSYCHROMETRIC SUMMARY

JUN
MONTH

PAGE 2 1800-2000
HOURS 5-7:30

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 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														
76/ 74											.1	.1						2	2																
74/ 73											.1							1	1																
72/ 71						.1				.4	.3	.1						7	7																
70/ 69							.3		1.0	.4								12	12																
68/ 67						.1	.6		.3	1.3	.3	.4						21	21																
66/ 65						.1	.4	1.1	1.5	.4	.3							28	28																
64/ 63					.1	.4	1.1	2.2	.6									32	32																
62/ 61				.1	.4	.4	1.9	1.4	.1									32	32	1															
60/ 59			.1	.7	1.0	1.1	1.5	1.3	.1	.1								43	43																
58/ 57			.1	.4	1.8	2.1	1.8	.3	.1									48	48	3															
56/ 55		.6	.4	1.4	1.8	2.6	1.1	.4	.1									61	61	14	1														
54/ 53	.3	1.5	1.4	2.4	3.3	1.8	1.0	.3										86	86	36	7														
52/ 51	.7	2.2	1.3	1.8	2.8	2.5	.8											87	87	79	14														
50/ 49	.4	2.6	1.4	3.1	1.3	1.5	.3											76	76	106	31														
48/ 47	.8	3.3	1.4	2.2	1.3	.3												67	67	113	43														
46/ 45	.3	1.9	1.4	1.1	.4													37	37	112	69														
44/ 43	.1	2.8	1.5	.7	.1													38	38	85	66														
42/ 41	.8	1.7	.6	.3														26	26	99	84														
40/ 39	.3	.8	.3															10	10	50	102														
38/ 37	.1	.4																4	4	18	107														
36/ 35	.1		.1															2	2	7	56														
34/ 33																				1	44														
32/ 31																					27														
30/ 29																					13														
28/ 27																					5														
26/ 25																					4														
24/ 23																					4														
22/ 21																					1														
20/ 19																					1														
TOTAL	4.0	17.9	10.3	14.2	14.3	13.2	10.8	7.2	4.9	1.7	1.3	.3						720	720	720	720														

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	
Rel. Hum.	3116431	45073	62.620	249	720							90
Dry Bulb	2105781	38567	53.6	7.432	720			5.4	.4			90
Wet Bulb	1555280	33308	46.3	4.478	720							90
Dew Point	1158007	28533	39.6	6.158	720		11.5					90

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C GDT APT
STATION STATION NAME

61-68
YEARS

JUL
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														
76/ 75												.1							1	1															
70/ 69												.3							2	2															
68/ 67												.5	.1						3	3															
66/ 65						.1			.7			.5	.3						12	12															
64/ 63					.3	.4	1.3		.3	.1									18	18															
62/ 61			.1	.5	1.3	.9	1.6	.4											37	37															
60/ 59		.5	.5	1.5	1.7	2.8	1.5	.3											66	66	3	2													
58/ 57	.1	.3	1.1	1.7	3.4	1.7	.8	.1											69	69	5	3													
56/ 55	.8	1.1	2.6	3.8	1.9	.3	.3												79	79	23	9													
54/ 53	.1	2.7	2.8	2.8	2.3	.9													87	87	61	15													
52/ 51	1.3	4.8	3.0	3.2	1.3	.3	.1												105	105	108	41													
50/ 49	3.0	5.9	3.2	1.2	.7														104	104	189	69													
48/ 47	3.8	3.8	1.2	1.2															74	74	141	146													
46/ 45	1.5	3.6	.9	.4															48	48	115	114													
44/ 43	1.5	1.1	.5																23	23	55	113													
42/ 41	.3	1.1	.9	.1															13	13	27	91													
40/ 39		.4																	3	3	16	65													
38/ 37																					1	28													
36/ 35																						31													
34/ 33																						15													
32/ 31																						1													
28/ 27																						1													
TOTAL	12.4	25.3	16.3	16.5	13.0	7.4	6.3	1.9	.5		.3	.1							744	744	744	744													
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total																		
Rel. Hum.	4467653		56115		75.4		17.795		744		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total												
Dry Bulb	2117631		39473		53.1		5.610		744						.8		.1						93												
Wet Bulb	1755231		36037		48.4		3.616		744														93												
Dew Point	1498312		33198		44.6		4.781		744				.3										93												

2

YEARS

JUL

HOURS (L, S, T.)

[illegible]

61-68

JUL
MON

PAGE 1 0600-0800

USAFETYAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C OUT APT

61-68

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

[illegible]

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

2

PSYCHROMETRIC SUMMARY

JUL

STATION

STATION NAME

YEARS

MONTH

HOURS L. S. T. 1

JSAFETAC
FORM
JUN. 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUL

STATION

STATION NAME

YEARS

PAGE 2 1500-1700

HOOPER, S. J.

[illegible]

PSYCHROMETRIC SUMMARY

JUL

STATION

S * A * ON NAME

YEARS

PAGE 1 1800-2000

M. J. P. S. — E. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
92/ 91																	.1	1	1															
90/ 89																		1	1															
86/ 85														.1	.1			2	2															
84/ 83											.1	.4	.1			.1		8	8															
82/ 81										.1	.4	.7	.3		.4	.1		15	15															
80/ 79										.1	1.2	1.3	1.1					28	28															
78/ 77									.3	1.5	1.9	1.6	.4		.1			43	43															
76/ 75							.1	.8	1.3	.8	.9	.5						34	34															
74/ 73						.1	.3	1.5	2.3	1.6	.8							49	49															
72/ 71					.1	.7	3.0	3.4	.8									59	59															
70/ 69					.3	.4	1.5	2.2	1.1	.1								43	43															
68/ 67					.3	.4	1.5	2.7	1.7	.4								55	55															
66/ 65			.3	.3	.8	.9	1.5	.9	1.7	.3								57	57															
64/ 63			.1	.1	.8	1.5	2.7	1.9	.5									57	57															
62/ 61			.4	.3	1.5	1.5	2.2	.8	.1									57	57	15														
60/ 59		.8	1.2	1.7	1.6	1.9	.5	.1										59	59	50	2													
58/ 57		1.1	.8	3.1	1.5	.7	.7											58	58	91	14													
56/ 55		1.2	1.2	1.6	.7	.3	.1											38	38	146	14													
54/ 53	.1	1.5	2.2	.4	.4													34	34	133	25													
52/ 51	.1	2.8	.4	.1	.3													28	28	143	48													
50/ 49	.3	1.5	.3	.5														19	19	99	82													
48/ 47	.1	.8	.															12	12	37	116													
46/ 45	.1																	1	1	20	107													
44/ 43																				5	94													
42/ 41																					69													
40/ 39																					68													
38/ 37																					36													
36/ 35																					20													
34/ 33																					22													
32/ 31																					4													
28/ 27																					3													
TOTAL	.7	9.8	7.9	8.2	7.8	7.3	10.1	9.1	11.8	10.9	7.0	5.8	2.6	.7	.4	.3	.1	744	744	744	744													
Element (X)	Z _{x'}	Z _x	R̄	e _x	No. Obs.	Mean No. of Hours with Temperature																												
Rel. Hum.	2335139	38539	51.82	1.355	744	< 0 F	< 32 F	< 67 F	< 73 F	> 80 F	> 93 F	Total																						
Dry Bulb	3239777	48641	65.4	8.967	744																	93												
Wet Bulb	2140820	39812	53.5	3.750	744																	93												
Dew Point	1516434	33336	44.8	5.533	744																	93												

61-6P

PSYCHROMETRIC SUMMARY

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/ 83																.1		1	1													
82/ 81															.1			1	1													
80/ 79														.1				1	1													
76/ 75										.1	.1	.3						4	4													
74/ 73										.1	.5	.1	.1					7	7													
72/ 71							.1	.3	.4									6	6													
70/ 69						.1	.7	1.2	1.6	.1	.3							30	30													
68/ 67						.8	1.1	1.5	.5	.5								33	33													
66/ 65					.4	2.3	2.7	2.0	1.1	.1								64	64													
64/ 63				.1	1.2	2.0	3.2	.9	.1									57	57													
62/ 61		.3	.5	1.1	1.3	3.0	1.5	.4										60	60	1												
60/ 59		.7	.3	2.2	2.0	2.4	1.3											66	66	8	1											
58/ 57	.3	.8	.8	2.7	1.9	2.8	.8											75	75	39	9											
56/ 55		.9	2.6	3.2	2.3	1.5	.1											86	86	82	12											
54/ 53	.1	2.8	2.7	2.2	1.1	.4												69	69	117	31											
52/ 51	.5	4.4	2.7	.9	.4	.3												69	69	157	34											
50/ 49	1.7	5.6	.5	.3	.1													62	62	151	94											
48/ 47	.7	3.6	.1	.1														34	34	114	154											
46/ 45	.9	.9																14	14	55	115											
44/ 43	.4	.1	.1															5	5	17	105											
42/ 41																				2	62											
40/ 39																				1	46											
38/ 37																					34											
36/ 35																					20											
34/ 33																					4											
32/ 31																					2											
30/ 29																					1											
TOTAL	4.7	21.2	10.3	12.8	10.8	15.6	11.6	6.3	4.0	1.5	.7	.1	.1	.1	.1			744	744	744	744											

Σx	Σx	Σx	Σx	No. Obs.	Mean No. of Hours with Temperature						Total
3624692	49832	67.0	19.654	744	0 F	32 F	67 F	73 F	80 F	93 F	Total
2534234	43122	58.0	6.853	744			10.4	1.8	.3		93
1943824	37938	51.0	3.536	744							93
574323	34037	45.7	4.808	744		.4					93

PSYCHROMETRIC SUMMARY

AUG
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														
74/ 73											.1							1	1																
72/ 71										.1								1	1																
70/ 69							.1	.1	.1	.1								4	4																
68/ 67						.1	.4	.1	.3	.1								5	5																
66/ 65					.3	.4	.7	1.1	.4									21	21																
64/ 63			.3		.5	1.1	1.6	.7										31	31																
62/ 61		.1	.7	.4	1.1	1.3	1.1	.4										38	38																
60/ 59		.4	1.1	1.9	2.4	1.5	.5	.1										59	59	4															
58/ 57		1.1	1.3	1.9	2.2	.7	.3											55	55	23	6														
56/ 55	.5	1.2	3.2	2.0	1.7	.5	.3											75	75	37	18														
54/ 53	.7	3.0	2.7	2.4	1.3	.4												78	78	67	31														
52/ 51	1.9	4.8	2.7	1.9	1.6													96	96	141	55														
50/ 49	2.0	5.1	2.6	1.3	1.2													91	91	127	77														
48/ 47	.7	5.5	2.8	1.2	.1													77	77	101	115														
46/ 45	1.7	4.0	1.6															55	55	107	118														
44/ 43	.7	2.4	.7															28	28	78	96														
42/ 41	.7	1.3	.1															16	16	35	97														
40/ 39		.5																4	4	13	56														
38/ 37	.4	.3																5	5	7	33														
36/ 35	.5																	4	4	4	33														
34/ 33																					8														
32/ 31																					1														
TOTAL	9.8	29.8	19.8	13.6	12.5	6.0	4.6	2.6	.9	.4								744	744	744	744														

PSYCHROMETRIC SUMMARY

AUG.

STATION

STATION NAME

YEARS

PAGE 1

0300-0500

HOUS. 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	1															
70/ 69								.1	.1									2	2															
64/ 63				.1	.1	.1	.3	.3										7	7															
62/ 61				.7	.3	.8	.3											15	15															
60/ 59		.3	.9	1.1	1.1	1.1	.9											37	37															
58/ 57	.3	1.5	.8	1.2	2.0	.4												46	46	12	4													
56/ 55	.7	1.3	2.2	2.4	1.2	.3												60	60	23	16													
54/ 53	.7	4.0	3.2	1.7	.9	.1												80	80	39	21													
52/ 51	1.3	4.6	4.2	1.6	.8	.1												94	94	97	46													
50/ 49	2.3	5.2	2.8	1.5	.7													93	93	123	79													
48/ 47	2.0	6.2	3.0	1.5	.1													95	95	115	93													
46/ 45	3.0	5.5	2.0	.7														83	83	110	126													
44/ 43	1.9	3.6	1.5	.1														53	53	93	100													
42/ 41	1.9	3.0	.5															40	40	68	96													
40/ 39	.7	1.3																15	15	31	66													
38/ 37	.3	1.2																11	11	12	48													
36/ 35	.4	.8																9	9	14	33													
34/ 33		.1																1	1	3	12													
32/ 31	.3																	2	2	2	4													
TOTAL	15.63	38.72	0.71	2.0	7.3	3.0	1.6	.5										744	744	744	744													

PSYCHROMETRIC SUMMARY

AUG
MON

STATION

STATION NAME

YEARS

PAGE 1 0600-0800

HOUS. S. I.

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									.1		.3							3	3																
70/ 69						.1		.3	.4									6	6																
68/ 67							.3	.8	.4									11	11																
66/ 65					.1	1.2	.5	.4										17	17																
64/ 63				.1	1.5	1.9	1.2	.4										33	38																
62/ 61			.8	.7	1.5	1.3	1.2											41	41																
60/ 59		.5	1.3	1.7	1.7	1.3	.4	.1										54	54	6															
58/ 57	.1	1.1	2.0	2.3	2.2	1.1	.1											66	66	23	4														
56/ 55	.7	2.3	2.7	2.7	1.2	.5		.1										76	76	53	20														
54/ 53	.9	3.9	2.8	2.7	.9													84	84	95	42														
52/ 51	1.5	3.9	2.6	2.0	.8													80	80	124	68														
50/ 49	1.9	3.6	4.0	1.1	.3													81	81	121	90														
48/ 47	1.3	6.0	2.3	1.9														86	86	111	102														
46/ 45	1.5	3.1	1.1	.3														44	44	88	126														
44/ 43	.8	2.3	.4															26	26	62	107														
42/ 41	.5	1.5																15	15	36	84														
40/ 39	.3	.																9	9	12	45														
38/ 37	.3	.4																5	5	10	42														
36/ 35																					10														
34/ 33	.1																	1	1	1	3														
32/ 31																					1														
TOTAL	9.9	29.6	20.0	15.5	10.2	7.5	3.8	2.3	.9		.3							744	744	744	744														

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4641209	57521	77.3	16.162	744							
Dry Bulb	2159388	39776	53.5	6.651	744			2.6	.1			93
Wet Bulb	1809696	36540	49.1	4.510	744							93
Dew Point	1579527	34095	45.8	4.793	744			.1				93

PSYCHROMETRIC SUMMARY

AUG
MONTH

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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																		3	3																
82/ 81														.3	.1			3	3																
80/ 79														.4	.1			7	7																
78/ 77														.7	.4			11	11																
76/ 75														.9	.1			22	22																
74/ 73								.1	.5	1.1	.9			.1				23	23																
72/ 71						.1	.1	.5	1.6	2.4	.4							39	39																
70/ 69					.4	.5	2.0	2.4	1.5	.1								52	52																
68/ 67				.3	.7	2.0	1.6	.9	.8	.1								48	48																
66/ 65			.3	1.1	2.0	3.4	.4	.3										55	55																
64/ 63				1.1	1.6	2.4	1.7	.5	.4									58	58		2														
62/ 61		.1	.5	1.5	1.9	3.6	1.1	.1										66	66	10															
60/ 59			.5	2.2	1.9	2.2	.3											52	52	45	3														
58/ 57	.1	1.2	1.9	1.9	3.2	1.2	.5											75	75	109	9														
56/ 55	.5	1.1	2.2	2.3	2.2	1.1	.3											71	71	130	23														
54/ 53	.4	2.4	1.5	2.6	1.7	.3												66	66	119	51														
52/ 51	.1	.9	1.9	1.3	1.1													40	40	103	81														
50/ 49	.1	1.5	1.6	.8														30	30	96	94														
48/ 47		.9	.5															11	11	76	111														
46/ 45		.3	.4	.1														6	6	46	107														
44/ 43		.3	.1															3	3	11	109														
42/ 41		.4																3	3	8	79														
40/ 39																				1	47														
38/ 37																					16														
36/ 35																					8														
34/ 33																					6														
TOTAL	1.2	9.1	11.2	14.2	15.9	15.3	11.6	6.6	7.8	3.0	1.9	1.3	.3	.4				744	744	744	744														

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
						< 0 F	< 32 F	< 67 F	< 73 F	> 80 F	
Rel. Hum.	2970037	43191	60.7	17.406	744						
Dry Bulb	2856322	45714	61.4	7.995	744			26.0	8.6	1.0	93
Wet Bulb	2082179	39223	52.7	4.367	744						93
Dew Point	1629324	24632	46.5	4.820	744						93

PSYCHROMETRIC SUMMARY

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

HOURS 11:30 - 1:00

[illegible]

PSYCHROMETRIC SUMMARY

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1200-1400

[illegible]

2

YEARS

61-68

AUG

HOURS (L, S, T.)

[illegible]

2

2

AUG

MONTH

HOURS (L, S, T)

HOURS (L. S. T.)

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

PSYCHROMETRIC SUMMARY

61-68

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300

HOURS: 11:50 - 1:30

[illegible]

PSYCHROMETRIC SUMMARY

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SEP

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE H C DDT APT

61-68

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOUS AT 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										.3	.1																												
64/ 63																																							
62/ 61			.1	.1	.1	.3																																	
60/ 59	.1	.1	.1	.1	1.1	.4	.1																																
58/ 57	.1	.1	.3	.4	1.4	1.1																																	
56/ 55	.1	.4	.3	1.1	.4	.7																																	
54/ 53	.3	.4	1.5	1.4	1.3	.4																																	
52/ 51	.3	1.9	1.4	2.2	1.5	.1																																	
50/ 49	1.0	2.2	2.1	1.8	1.1																																		
48/ 47	1.0	3.2	3.2	1.5	1.3																																		
46/ 45	2.1	4.6	3.3	1.4	.1																																		
44/ 43	.3	4.3	2.6	1.3	.1																																		
42/ 41	1.5	4.0	3.8	.4																																			
40/ 39	1.7	4.3	2.6	.3																																			
38/ 37	.8	2.6	1.4	.4																																			
36/ 35	1.4	3.5	.4	.1																																			
34/ 33	.7	2.4	.3																																				
32/ 31	.8	1.0	.6																																				
30/ 29	.1	1.1	.4																																				
28/ 27	.1	.7	.1																																				
26/ 25	.1	.4																																					
24/ 23	.1	.1																																					
22/ 21	.3																																						
20/ 19																																							
TOTAL	13.1	37.6	24.6	12.6	8.6	2.8	.3		.3	.1																													
														</																									

PSYCHROMETRIC SUMMARY

SEP

MONTE

HOUS. S. I.

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/ 74										.1								7	3																
74/ 73									.1									1	1																
72/ 71							.1		.1	.4	.4							7	7																
70/ 69									.4	.1	.1							5	5																
68/ 67				.1	.1		.3	.1	.4	.6	.1							12	12																
66/ 65			.1	.1		.7	.8	.6	.3	.1								20	20																
64/ 63		.1	.1		.3	1.0	.7	1.5	.1	.1								23	29																
62/ 61			.4	.3	.6	1.5	1.1	.6	.1									33	33	6															
60/ 59		.1		1.0	1.9	1.9	2.2	.4										55	55	1	4														
58/ 57	.1		.6	1.3	3.2	2.4	1.0	.1										62	62	12	2														
56/ 55	.1	.3	.6	1.5	2.2	2.4	1.3											60	60	21	7														
54/ 53	.1	1.0	1.5	1.4	3.3	1.3	.6											66	66	39	6														
52/ 51	.1	1.3	1.7	2.6	4.0	1.8	.3											85	85	71	12														
50/ 49	.7	1.8	1.3	2.8	1.7	.6												63	63	96	33														
48/ 47		1.4	2.6	1.8	2.1													57	57	97	48														
46/ 45		1.4	1.8	2.4	1.3	.3												51	51	96	65														
44/ 43	.4	2.1	1.1	.8	1.1													40	40	87	74														
42/ 41		1.8	.6	1.3	.4													29	29	75	87														
40/ 39		.7	.4	.6	.3													14	14	42	91														
38/ 37	.1	.8		.6														11	11	30	92														
36/ 35		.6	.1															5	5	22	63														
34/ 33	.3	.1	.3															5	5	8	42														
32/ 31	.3	.1	.1															4	4	11	38														
30/ 29		.3	.1															3	3	2	21														
28/ 27																				4	14														
26/ 25																					10														
24/ 23																					6														
22/ 21																					9														
TOTAL	2.4	13.9	13.5	18.5	22.4	14.2	8.1	4.3	1.5	1.1	.3							720	720	720	720														

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						< 32 F	< 67 F	< 73 F	< 80 F	< 93 F		
Rel Hum.	3169078	46312	64.3	16.264	720						90	
Dry Bulb	2631425	37813	52.5	7.960	720		.9	3.5	.5		90	
Wet Bulb	1537352	33003	45.8	5.847	720		2.1				90	
Dew Point	1180198	28756	39.9	6.642	720		11.8				90	

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
WILLIAMS LAKE APT, BRITISH COLUMBIA, CANADA, REVISED UNIFORM SU--ETC
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE H C OUT APT
STATION STATION NAME

61-68
YEARS

SEP
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	.3																						
82/ 81														.6																							
80/ 79															.1	.3																					
78/ 77															.1	.4	.1																				
76/ 75							.1	.1	.3	.3	.8	.7	.1																								
74/ 73								.1	.1	1.0	.8	.3	.4																								
72/ 71							.1	.3	.8	.6	1.3	.3	.1																								
70/ 69					.3		.1	.8	.7	1.3	1.0	.4	.1																								
68/ 67				.1		.1	.6	.6	.8	1.4	.1																										
66/ 65				.4	.4	.4	.7	2.1	2.4	.1																											
64/ 63			.1	.1	.3	1.0	2.2	2.8	1.0	.4																											
62/ 61			.1	.7	.6	1.1	2.6	1.3	.4	.1																											
60/ 59				.6	1.5	2.2	2.5	1.7	.4																												
58/ 57			.3	1.3	1.1	1.5	2.5	1.5	.1																												
56/ 55		.4	.7	1.0	1.3	2.9	1.7	.8																													
54/ 53		.7	1.0	.7	2.4	1.5	1.3	.6																													
52/ 51		.4	.6	1.7	2.1	1.1	1.1	.1																													
50/ 49		1.0	.4	1.1	.8	1.1	.4	.1																													
48/ 47		.6	.7	1.3	1.1	1.0	.3																														
46/ 45	.6	1.1	.4	.6	.4	.6																															
44/ 43	.3	.3	.3	.3	.6																																
42/ 41	.1	.3	.1		.1																																
40/ 39		.3	.1	.1																																	
38/ 37		.1		.1																																	
36/ 35		.3																																			
34/ 33		.1																																			
32/ 31	.1	.3																																			
30/ 29																																					
28/ 27																																					
26/ 25																																					
24/ 23																																					
22/ 21																																					
20/ 19																																					

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

2

SEP

YEARS

HOURS	U	S	T

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247	WILLIAMS LAKE B C OUT APT
STATION	STATION NAME

61-68

SEP
MONTH

PAGE 1 1500-1700

MS:RS 11 S 11

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														.4	.1			4	4																
84/ 83														.3				6	6																
82/ 81											.3		.3					4	4																
80/ 79									.1	.3	.1	.3						7	7																
78/ 77								.1	.4	1.0	.3	.7						18	18																
76/ 75								.6	1.1	1.1	.3	.3						24	24																
74/ 73								.7	1.4	.8	.4	.1						23	23																
72/ 71							.7	1.0	.7	1.1	.6							29	29																
70/ 69					.1		.6	.8	.8	.4								20	20																
68/ 67				.1	.1	.4	.1	.3	1.9	1.7	.3							36	36																
66/ 65				.6	.4	.7	1.4	2.4	.8	.3								47	47																
64/ 63				.4	.1	1.3	1.3	3.2	1.1	.1								54	54	2															
62/ 61			.3	.1	.8	2.1	2.2	2.5	.4									61	61	9															
60/ 59		.1	.1	.8	1.1	.7	1.8	2.2	1.1	.1								59	59	28	1														
58/ 57			.6	.8	1.3	2.1	2.2	2.1	.7									70	70	40	1														
56/ 55		.7	.6	.3	1.4	1.5	1.9	.8										49	49	40	11														
54/ 53		.8	1.0	.4	.7	1.9	2.3	1.1	.1									62	62	64	8														
52/ 51		.8	.4	1.5	1.3	.7	.7											39	39	14	1														
50/ 49		.8	.4	.6	.4	.7	.8	.4										34	34	14	1														
48/ 47	.1	1.4	.4	.6	.1	.6	.4											20	20	14	1														
46/ 45	.6	.4	1.1	.4	.7	.1												14	14	14	1														
44/ 43		.3	.6															14	14	14	1														
42/ 41		.4				.4												14	14	14	1														
40/ 39	.4	.4																14	14	14	1														
38/ 37		.3																14	14	14	1														
36/ 35	.1	.3																14	14	14	1														
34/ 33		.3																14	14	14	1														
32/ 31		.1																14	14	14	1														
30/ 29																		14	14	14	1														
28/ 27																		14	14	14	1														
26/ 25																		14	14	14	1														
24/ 23																		14	14	14	1														
22/ 21																		14	14	14	1														
20/ 19																		14	14	14	1														
Element																						No. Obs.		Mean No. of Hours with Temperature						Total					
																						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								

2

2

SEP
1971
Vol. 1, No. 1

HOURS (L-S-T)

USAFETAC
FD-302a
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

✓ E AHS

61-68

SEP

PAGE 1 1800-2000

HOIPS 5-1

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														
80/ 79										.1	.3	.1						1	1																
78/ 77																		4	4																
76/ 75									.3			.3						4	4																
74/ 73								.3										7	7																
72/ 71								.3	.3	.6	.4	.4						14	14																
70/ 69						.1	.6	.6	.3	.3								13	13																
68/ 67					.1	.1	1.0	.8	.7	.3								22	22																
66/ 65					.1	.6	1.5	.6	.6	.3	.3							28	28																
64/ 63			.1	.1	.6	.4	1.1	1.0	.6									28	28	1															
62/ 61			.3	.1	.4	.7	1.9	1.1	.1	.1								35	35	4															
60/ 59		.1	.1	.7	.8	1.9	2.4	.6	.3									50	50	6															
58/ 57		.3	.3	1.5	1.7	3.3	2.1	1.0										73	73	18	1														
56/ 55		.3	1.3	1.3	1.7	1.7	1.4	.1										55	55	34	13														
54/ 53		.7	2.5	.6	2.8	1.5	.8											64	64	40	5														
52/ 51		2.2	.4	2.1	2.1	1.7	.1											62	62	66	13														
50/ 49	.4	1.8	2.4	1.0	1.9	1.3	.1											64	64	103	42														
48/ 47	.3	1.7	1.4	1.4	1.4	1.0												51	51	98	34														
46/ 45	.3	1.8	1.8	1.3	.7	.6												46	46	100	56														
44/ 43	.7	.8	1.1	.4	1.4	.1												33	33	72	70														
42/ 41	.1	1.3	1.0	.4	1.0													27	27	57	74														
40/ 39		1.4	.4	.1	.1													15	15	44	97														
38/ 37	.4	1.0	.3	.1														13	13	36	78														
36/ 35		.3	.1	.3														5	5	20	47														
34/ 33		.4																3	3	13	51														
32/ 31		.4																3	3	5	47														
30/ 29																				3	27														
28/ 27																					14														
26/ 25																					15														
24/ 23																					8														
22/ 21																					6														
20/ 19																					1														
18/ 17																					1														
TOTAL	2.2	14.4	13.5	11.3	17.1	14.7	13.2	6.3	3.5	1.9	1.7	.3						720	720	720	720														
Element (X)	Σx'		Σx		X		s _x		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.	2972077		44197		61.4		18.982		720		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total												
Dry Bulb	2154562		38876		54.0		8.784		720				.4		8.1		2.0						90												
Wet Bulb	1575689		33411		46.4		5.930		720				1.0										90												
Dew Point	1168632		28560		39.7		7.052		720				14.9										90												

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

29247 WILLIAMS LAKE B C DUT APT
STATION STAT. ON NAME

61-69

YEARS

SEP
MONTH

PAGE 1 2100-2300
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/ 73							.1													1	1			
72/ 71						.1														1	1			
70/ 69							.1			.1										2	2			
68/ 67					.3			.1	.3	.3										7	7			
66/ 65					.3			.4	.1	.4										9	9			
64/ 63				.3	.3	.8	.6	.7	.1											20	20	2		
62/ 61				.4	.4	.3	.8	.1	.6											19	19			
60/ 59			.4	.7	.6	1.5	.8	.1												30	30	4	2	
58/ 57		.4	.1	1.3	1.1	1.3	.8	.1												37	37	5		
56/ 55	.1	.7	.4	1.0	1.7	1.5	.6	.3												45	45	15	9	
54/ 53				2.4	1.3	2.8	1.7	.1												59	59	25	11	
52/ 51		1.4	1.7	3.1	1.3	.7														58	58	41	8	
50/ 49	1.1	2.9	2.2	3.3	1.4	.4														83	83	75	17	
48/ 47	.7	2.4	2.3	2.4	1.3	.4														69	69	78	61	
46/ 45	.4	2.9	3.2	3.1	.6															73	73	104	61	
44/ 43	.1	2.5	2.2	1.3	.6															48	48	84	52	
42/ 41	.8	2.3	.8	1.1	.6															52	52	81	79	
40/ 39	.7	1.3	1.5	.6	.3															31	31	74	106	
38/ 37	.7	2.1	1.0	.8																33	33	34	70	
36/ 35	.3	1.8	.7	.3																22	22	47	69	
34/ 33		.8	.6																	10	10	17	54	
32/ 31		.8	.3																	8	8	21	49	
30/ 29		.4																		3	3	9	27	
28/ 27																						4	22	
26/ 25																							12	
24/ 23																							8	
22/ 21																							3	
TOTAL	5.0	23.3	21.0	20.8	13.3	8.9	4.3	1.8	1.5											720	720	720	720	
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ^2		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	3862374		51358		71.3		16.636		720		< 0 F		< 32 F		< 67 F		< 73 F		> 80 F		> 93 F		Total	
Dry Bulb	1766319		35195		48.9		7.991		720				1.4		1.4		.1						90	
Wet Bulb	1413891		31397		43.9		6.158		720				4.3										90	
Dew Point	1140112		28232		39.2		6.789		720				15.1										90	

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

2

2

DC T

YEARS

HOURS (U.S. TIME)

ALL PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

A

23

USAFETAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C OUT APT

61-68

UCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

262

HOURS: 11:55 A.M. - 1:00 P.M.

[illegible]

PSYCHROMETRIC SUMMARY

2007

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

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

29247 WILLIAMS LAKE & C DDT APT

61-68

307

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS L, S, T, U

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	.3	.1							4	4																		
68/ 67									.4	.1	.3							6	6																		
66/ 65								.1	.4	.5	.4							11	11																		
64/ 63								.1	.8	.5	.5							15	15																		
62/ 61								.9	.4	.7	.1							16	16																		
60/ 59						.4	1.5	.7		.1								20	20																		
58/ 57					.1	1.6	2.2	.9	.5									40	40																		
56/ 55				.8	1.1	1.9	1.3	.9										45	45	16																	
54/ 53			.4	.3	.9	2.4	1.1	.4										41	41	9																	
52/ 51			.1	.1	.9	1.7	.3	1.1	.1									32	32	24																	
50/ 49		.1	1.1	1.9	2.3	2.7	1.2											69	69	46																	
48/ 47		.5	1.5	1.5	2.8	2.2	.3											65	65	41	13																
46/ 45	.1	1.7	1.7	1.3	3.5	1.7	.3											78	78	63	23																
44/ 43		1.1	1.3	3.0	1.9	1.3												64	64	80	40																
42/ 41	.3	2.3	1.2	3.2	2.3	.8	.3											77	77	62	44																
40/ 39	.7	2.4	1.2	1.9	2.0	.1												62	62	105	70																
38/ 37	.5	2.3	1.2	1.5	.5													45	45	109	72																
36/ 35	1.1	1.3	.9	.7														30	30	88	80																
34/ 33	.5	.5	.3															10	10	44	55																
32/ 31	.5	.1																5	5	45	70																
30/ 29		.3		.3														4	4	10	68																
28/ 27			.1															1	1	2	63																
26/ 25			.1															1	1	1	45																
24/ 23		.1	.1															2	2	2	42																
22/ 21																				3	25																
20/ 19																					17																
18/ 17																					12																
16/ 15																					2																
14/ 13																					3																
TOTAL	3.8	12.8	11.6	17.3	21.1	18.3	9.1	4.0	1.7	.3								744	744	744	744																
Element (X)	Σx^2		Σx		$\bar{x}$		s^2		No. Obs.		Mean No. of Hours with Temperature										Total																
Rel. Hum.	2929269		44759		60.2		17.844		744		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total														
Dry Bulb	1715484		35188		47.3		8.305		744				1.6		1.4								93														
Wet Bulb	1248726		30148		40.5		6.038		744				7.9										93														
Dew Point	852953		24605		33.1		7.267		744				43.4										93														

PSYCHROMETRIC SUMMARY

250

STATION

STATION NAME:

YEARS

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														
74/ 73																		1	1																
72/ 71																		1	1																
70/ 69										.3	.1	.3						5	5																
68/ 67										.1	.1							3	3																
66/ 65										.5	.7	.9						16	16																
64/ 63										.9	.7							12	12																
62/ 61						.1	1.1	.4	1.1									20	20																
60/ 59						.3	1.5	.9	.1	.1								22	22																
58/ 57						.8	2.4	1.2	.7	.3								40	40	1															
56/ 55			.1	.5	1.1	1.3	1.2	.5	.1									37	37	5															
54/ 53			.3	1.2	1.5	1.1	1.9	.9	.4									40	40	8															
52/ 51		.1	.3	1.3	1.7	1.9	1.3	.7										55	55	32	1														
50/ 49	.1	.3	.9	2.2	1.9	1.3	1.2											59	59	44	2														
48/ 47		.7	1.3	1.3	2.8	1.9	.5											64	64	53	9														
46/ 45	.3	1.5	.8	2.8	2.3	1.6	.7											74	74	59	23														
44/ 43		1.1	.9	2.6	2.6	.9	.1											61	61	74	40														
42/ 41	.1	1.5	2.6	1.9	2.6	.4	.1											68	68	88	34														
40/ 39		.7	1.9	2.2	2.6	1.6	.4											66	66	89	64														
38/ 37	.4	2.2	1.2	.9	.7													40	40	101	61														
36/ 35	.9	1.9	1.2	.9	.1													38	38	98	75														
34/ 33	.3	.7	.1	.1														9	9	52	78														
32/ 31		.5																4	4	38	60														
30/ 29																				11	58														
28/ 27		.4	.4															6	6	3	65														
26/ 25			.4															3	3	3	47														
24/ 23																				4	37														
22/ 21																				1	36														
20/ 19																					13														
18/ 17																					10														
16/ 15																					7														
14/ 13																					2														
12/ 11																					1														
10/ 9																					1														

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

PSYCHROMETRIC SUMMARY

1967

STATION

STAT ON NAME

YEARS

MOB'N

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

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 44

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE H C DUT APT

61-68

OCT
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
66/ 65								.3			.3							2		2															
64/ 63								.4		.9	.3							3		3															
62/ 61								.4		.9	.3							12		12															
60/ 59							.3	1.1		.5	.1	.1						16		16															
58/ 57					.4	.7	.8	.9		.1								19		19															
56/ 55				.3	.8	1.6	.4	.1	.3									26		26															
54/ 53					.9	.5	.9	.3										20		20		4													
52/ 51			1.1	1.9	1.6	.7	.3											41		41		13													
50/ 49			.1	.7	2.4	1.1	.5	.4										39		39		22													
48/ 47	.3	.5	1.1	1.1	1.5	.9												40		40		11													
46/ 45	.4	1.1	2.2	2.2	2.6	.7												49		49		0													
44/ 43	.3	2.2	2.8	2.8	1.5	.1												66		66		0													
42/ 41	.1	2.0	2.0	3.1	2.2	.3																42													
40/ 39	1.2	3.0	2.2	3.0	1.5	.1																47													
38/ 37	1.1	2.3	3.8	1.6	.7																	73													
36/ 35	.8	2.4	3.1	.1	.3																	77													
34/ 33	2.2	3.5	.9	.9																		63													
32/ 31	1.3	1.5	1.3	.4														34		34		90													
30/ 29	.3	.8	.4															11		11		88													
28/ 27	.1	.5	.3															7		7		59													
26/ 25	.1	.5	.3															7		7		42													
24/ 23		.7																5		5		34													
22/ 21																					6	21													
20/ 19																						12													
18/ 17																						7													
16/ 15																						2													
14/ 13																						744													
TOTAL	4.24							1.6	.8	.4								744		744		744													

	Σx	Σx^2	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total
Σx	3892563	51981	69.91	7.239	744	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$
D.B. W.B.	1409380	31806	42.8	8.193	744		8.0				93
Wet Bulb	1106713	28311	38.1	6.292	744		18.4				93
Dew Point	635028	24378	32.8	6.985	744		46.3				93

PSYCHROMETRIC SUMMARY

WILLIAMS LAMF

ACT

PAGE 1

2100-2300

HOURS - L, S, T, I

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE F C DJT APT

61-68

NOV

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
48/ 47							.6																										4	4		
46/ 45			.3				.3																										4	4		
44/ 43			.3	.4			.1																									6	6	2		
42/ 41			.6	.7			.7																									16	16	8	1	
40/ 39			.8	.6	1.3		.1																									20	20	8	3	
38/ 37		2.6	1.9	1.9																												47	47	14	8	
36/ 35	1.3	2.2	1.7	.8																												41	41	44	32	
34/ 33	1.4	3.1	2.1	1.7	.1																											60	60	67	24	
32/ 31	4.9	5.1	.7	.6																												81	81	71	60	
30/ 29	3.3	8.2	2.1																													98	98	97	57	
28/ 27	2.2	3.8	1.9																													57	57	78	80	
26/ 25	1.4	3.5	.6																													39	39	61	76	
24/ 23	3.3	2.9	.6																													49	49	50	62	
22/ 21	1.9	1.1																														22	22	41	55	
20/ 19	2.2	2.1	.1																													32	32	27	45	
18/ 17	1.9	1.7																														26	26	26	43	
16/ 15	2.2	.3																														18	18	25	35	
14/ 13	1.5	.1																														12	12	12	29	
12/ 11	1.8	.6																														17	17	17	20	
10/ 9	1.4	.1																														11	11	11	12	
8/ 7	.7	.4																														8	8	8	9	
6/ 5	.1	.3																														3	3	2	10	
4/ 3	1.7	.3																														14	14	16	5	
2/ 1	1.1	.1																														9	9	8	4	
0/ -1	1.1																															8	8	9	13	
-2/ -3	.8																															6	6	6	10	
-4/ -5	.8																															6	6	6	9	
-6/ -7	.1																															1	1	1	8	
-8/ -9		.1																														1	1	1	3	
-10/-11	.1																															1	1	2	2	
-14/-15	.3																															2	2	2	1	
-16/-17	.1																															1	1	1	2	
-20/-21																																			1	
-22/-23																																				

PSYCHROMETRIC SUMMARY

25247	WILLIAMS LAKE B C DOT APT
STATION	STATION NAME

61-68

NDV

PAGE 2 0000-0200

HOURS (L, S, T)

[illegible]

2

YEARS

NOV
MONTH

HOURS: 8.30 T.

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

PSYCHROMETRIC SUMMARY

61-68

NCTV

STATION

STATION NAME

YEARS

MONTH

PAGE 2 0300-0500

0300-0500

HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

29247 WILLIAMS LAKE 6 C DOT APT

61-68

NOV

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														
46/ 45				.1	.3													3	3																
44/ 43				.4	.1													4	4																
42/ 41			.7	.7	.6	.1												15	15	1															
40/ 39			.7	1.5	2.1	.1												30	30	11	3														
38/ 37		.4	1.4	1.0	1.4													31	31	16	6														
36/ 35		.7	2.6	1.9	.4													41	41	34	14														
34/ 33	1.1	2.4	1.1	.3														35	35	49	34														
32/ 31	3.5	5.1	2.2	.4														81	81	73	43														
30/ 29	3.8	5.1	1.4	.1														74	74	78	62														
28/ 27	3.6	5.8	1.1															76	76	82	71														
26/ 25	2.8	4.9	.7															60	60	72	79														
24/ 23	2.9	3.1																43	43	56	75														
22/ 21	2.5	2.9																39	39	47	60														
20/ 19	2.1	1.1																23	23	32	46														
18/ 17	1.7	1.0																19	19	19	40														
16/ 15	1.5	.6																15	15	17	22														
14/ 13	1.9	.6																18	18	18	20														
12/ 11	1.9	1.0																21	21	22	23														
10/ 9	2.2	.7																21	21	21	15														
8/ 7	1.8	.4																16	16	16	20														
6/ 5	1.7	.3																14	14	13	18														
4/ 3	.8	.1																7	7	8	18														
2/ 1	.3																	2	2	3	7														
0/ -1	.8	.1																7	7	6	4														
-2/ -3	1.0																	7	7	8	7														
-4/ -5	.8	.1																7	7	7	4														
-6/ -7	.7																	5	5	5	9														
-8/ -9	.8																	6	6	6	5														
-10/-11																					7														
-12/-13																					5														
-14/-15																					3														
TOTAL	41.2	40.7	11.9	5.7	.4													720	720	720	720														
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_x		No. Obs.		Mean No. of Hours with Temperature						Total																		
Rel. Hum.	5206808		60722		84.4		10.813		720		$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	90																		
Dry Bulb	530601		17869		24.8		11.008		720		4.0	70.1					90																		
Wet Bulb	473473		16939		23.9		10.211		720		4.0	76.1					90																		
Dew Point	387733		14801		20.6		10.779		720		5.5	82.9					90																		

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

PSYCHROMETRIC SUMMARY

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HOURS: 10 A.M. - 5 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
48/ 47			.1	.6	.1													6	6													
46/ 45			.4	.6	.1													7	7													
44/ 43		.4	.4	.8	.4													15	15	2												
42/ 41		.3	1.1	1.4	1.3	.3												31	31	10	1											
40/ 39		1.3	1.1	1.8	.4													33	33	13	3											
38/ 37		1.5	1.8	2.1														39	39	32	13											
36/ 35	1.4	2.1	4.4	.8														63	63	47	27											
34/ 33	.8	4.7	3.4	.6														71	71	48	26											
32/ 31	2.8	4.2	3.3	.4														77	77	109	44											
30/ 29	2.9	5.1	1.3															67	67	95	78											
28/ 27	2.1	5.7	1.8															69	69	71	87											
26/ 25	1.4	2.6	.4															32	32	60	84											
24/ 23	2.2	2.8	.1															37	37	43	74											
22/ 21	.7	2.1	.3															22	22	27	47											
20/ 19	1.8	1.8																26	26	29	36											
18/ 17	1.0	1.5																18	18	19	38											
16/ 15	.3	1.5																13	13	13	25											
14/ 13	1.3	1.8																22	22	23	17											
12/ 11	1.1	1.0																15	15	18	20											
10/ 9	.2	.1																5	5	8	16											
8/ 7	1.4	.1																11	11	11	19											
6/ 5	.6	.4																7	7	8	11											
4/ 3	.4	.8																9	9	8	11											
2/ 1	.4	.1																7	7	7	5											
0/ -1	.8																	6	6	7	9											
-2/ -3	.7																	9	5	5	4											
-4/ -5	.7																	9	5	5	10											
-6/ -7	.3																	2	2	2	6											
-8/ -9																					6											
-10/-11																					2											
-12/-13																					1											
TOTAL	26.0	42.1	20.2	9.0	2.4	.3												720	720	720	720											
Element (X)	2x ²	2x	X	x _s	No. Obs.	Mean No. of Hours with Temperature																										
Rel. Hum.	4691442	57394	79.7	12.721	720	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																				
Dry Bulb	640147	20043	27.8	10.692	720	2.3	56.9					90																				
Wet Bulb	548331	18625	25.9	9.620	720	2.4	71.0					90																				
Dew Point	423818	15886	22.1	10.098	720	4.8	81.3					90																				

PSYCHROMETRIC SUMMARY

NDV

STATION

STATION NAME

YEARS

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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													
56/ 55							.1											1	1															
54/ 53						.3												2	2															
52/ 51					.3	.4	.3											7	7															
50/ 49			.1	.6	.3													7	7															
48/ 47			.1	.8		.4												10	10															
46/ 45			.3	.8	1.7	.8												26	26	6														
44/ 43		.3	1.5	1.5	2.2	.4												43	43	13														
42/ 41		.3	1.7	2.2	2.4	.4												50	50	13	4													
40/ 39		.6	2.9	1.5	2.1													51	51	25	8													
38/ 37		1.1	2.2	1.4	.6													38	38	45	19													
36/ 35	.6	2.4	4.3	2.2														68	68	74	30													
34/ 33	.3	6.4	3.9	.6														80	80	73	28													
32/ 31	2.2	4.2	3.3	.3														72	72	121	70													
30/ 29	2.2	2.1	3.6															57	57	81	83													
28/ 27	.6	2.8	1.4															34	34	53	74													
26/ 25	.7	2.2	.7															26	26	42	68													
24/ 23	.6	2.4	.6															25	25	33	59													
22/ 21	.6	1.9	.4		.1													22	22	24	74													
20/ 19	.7	2.5	.1															24	24	21	48													
18/ 17	.4	1.4																13	13	29	31													
16/ 15	.8	.6																10	10	10	26													
14/ 13	.4	.3																5	5	6	24													
12/ 11		.3																2	2	3	9													
10/ 9	.7																	5	5	6	7													
8/ 7	1.1																	8	8	8	9													
6/ 5	.7	.6																9	9	8	5													
4/ 3	.4	.7																8	8	6	9													
2/ 1	.7	.4																8	8	9	4													
0/ -1	.6																	4	4	6	7													
-2/ -3	.4																	3	3	3	8													
-4/ -5	.3																	2	2	2	10													
-6/ -7																					4													
-8/ -9																					2													
Element (X)	Σ X ²		Σ X		Σ		Σ ₂		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																																		

PSYCHROMETRIC SUMMARY

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STATION

STATION NAME

YEARS

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4400-2400
H3: WS IL S T

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C GDT APT

61-68

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																							
56/ 55					.1		.3											3		3																																								
54/ 53					.3		.1											3		3																																								
52/ 51					.4													5		5																																								
50/ 49			.4	.4	.1	.1												8		8																																								
48/ 47			.1	.6	.1	.3												8		8		2																																						
46/ 45		.1	.4	.8	.4	.7												17		17		10																																						
44/ 43		.1	1.3	1.1	1.7	.6												34		34		8																																						
42/ 41		.4	.8	2.6	2.2	.7												49		49		8																																						
40/ 39	.1	.7	1.3	1.9	1.5			.1										41		41		25																																						
38/ 37	.4	1.9	2.6	1.5	.6													51		51		33																																						
36/ 35	.4	2.5	5.0	2.2	.1													74		74		69																																						
34/ 33	.7	5.7	3.6	.7														77		77		83																																						
32/ 31	3.8	3.2	2.9	1.0														75		75		130																																						
30/ 29	1.8	3.3	2.2															53		53		69																																						
28/ 27	.6	3.1	1.7															38		38		52																																						
26/ 25	1.0	3.2	.4															33		33		47																																						
24/ 23	.1	2.1	.6															20		20		39																																						
22/ 21	1.0	1.9	.1															22		22		25																																						
20/ 19	1.0	2.4	.4	.3														29		29		27																																						
18/ 17	1.4	.8	.1															17		17		23																																						
16/ 15	.3	.8																8		8		11																																						
14/ 13	.6	.1																5		5		8																																						
12/ 11	.4	.3																5		5		6																																						
10/ 9		.3																2		2		1																																						
8/ 7	.1																	1		1		2																																						
6/ 5	.8	.6																10		10		9																																						
4/ 3	1.3	.4																12		12		12																																						
2/ 1	1.9	.6																11		11		10																																						
0/ -1	.7																	5		5		7																																						
-2/ -3	.1																	1		1		1																																						
-4/ -5	.3																	2		2		2																																						
-6/ -7	.1																	1		1		1																																						
-8/ -9																																																												
Element (X)	ΣX^2					ΣX					$\bar{X}$					σ^2					No. Obs.					Mean No. of Hours with Temperature																																		
Rel. Hum.																										$\leq 0 F$					$< 32 F$					$> 67 F$					$> 73 F$					$> 80 F$					$> 93 F$					Total				
Dry Bulb																																																												
Wet Bulb																																																												
Dew Point																																																												

PSYCHROMETRIC SUMMARY

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HO 125 (S. T.)

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PSYCHROMETRIC SUMMARY

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Hy. = 6 1/2 S. T.

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PSYCHROMETRIC SUMMARY

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N° 1 V

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE H C DDT APT
STATION STATION NAME

61-68
YEARS

NOV
MONTH

PAGE 1 2100-2300
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				.3	.3													4	4																
48/ 47				.3														2	2																
46/ 45			.6		.3													6	6																
44/ 43		.1	.1		.1													3	3	4															
42/ 41		.6	.7	.6	.3													15	15	9															
40/ 39	.1	.4	1.7	2.6														35	35	5	4														
38/ 37	.6	2.1	2.4	1.1														44	44	19	14														
36/ 35	.8	2.8	1.8	1.5	.4													53	53	41	21														
34/ 33	1.3	4.4	2.8	.4	.1													65	65	68	19														
32/ 31	4.3	5.4	1.5	.4														84	84	92	72														
30/ 29	2.4	4.9	3.1															74	74	90	69														
28/ 27	1.4	4.6	1.8															56	56	55	62														
26/ 25	1.9	4.3	.4															48	48	76	69														
24/ 23	1.7	2.5	.6															34	34	43	70														
22/ 21	2.3	1.9	.3															34	34	42	60														
20/ 19	2.2	1.9																30	30	35	46														
18/ 17	2.2	1.4																26	26	27	44														
16/ 15	1.0	.8																13	13	18	32														
14/ 13	1.7	.3																14	14	16	31														
12/ 11	.7	.3																7	7	6	17														
10/ 9	1.5	.4																14	14	13	13														
8/ 7	.8	.1																7	7	9	9														
6/ 5	.4																	3	3	3	9														
4/ 3	2.2																	16	16	16	6														
2/ 1	1.0																	7	7	7	7														
0/ -1	2.2																	16	16	16	12														
-2/ -3	.4																	3	3	3	11														
-4/ -5	.1																	1	1	1	11														
-6/ -7																					6														
-8/ -9	.1																	1	1	1															
-10/-11	.4																	3	3	3															
-12/-13	.1																	1	1	1															
-14/-15	.1																	1	1	1															
-16/-17																					3														
																					3														
Element (X)	Σ X ²			Σ X			Σ			Σ _R			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

YEARS

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NUV
MONTH

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[illegible]

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C DUT APT

61-68

DEC

STATION

STAT ON 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														
44/ 43			.9															2	2																
42/ 41			.1															1	1																
40/ 39			.1	1.0	.4													11	11	3															
38/ 37			.7	1.1	.1													14	14	1															
36/ 35			2.4	1.8	.3													33	33	25	5														
34/ 33	.8	3.0	1.5	.3														41	41	27	19														
32/ 31	1.0	3.3	.7	.3														38	38	48	27														
30/ 29	1.5	3.4	1.0	.4														51	51	52	46														
28/ 27	1.5	5.0	.3															50	50	46	43														
26/ 25	2.7	3.7	.1															48	48	72	52														
24/ 23	4.1	2.9	1.0															58	58	53	58														
22/ 21	1.0	2.6	.1															32	32	38	57														
20/ 19	1.9	1.1																22	22	30	32														
18/ 17	3.3	1.2																33	33	34	38														
16/ 15	1.8	2.4																31	31	25	26														
14/ 13	2.2	1.5																27	27	35	31														
12/ 11	1.8	1.4																23	23	19	36														
10/ 9	2.0	.8																21	21	23	21														
8/ 7	1.4	.7																15	15	17	22														
6/ 5	4.5	.5																37	37	39	28														
4/ 3	1.6	.3																14	14	15	18														
2/ 1	2.3																	17	17	17	27														
0/ -1	1.4	.1																11	11	11	14														
-2/ -3	.8	.4																9	9	8	9														
-4/ -5	2.6	.3																21	21	20	19														
-6/ -7	1.6	.1																13	13	14	15														
-8/ -9	1.6																	12	12	13	17														
-10/ -11	.7																	5	5	5	12														
-12/ -13	1.2																	9	9	9	13														
-14/ -15	1.0																	7	7	7	6														
-16/ -17	.7	.3																7	7	6	6														
-18/ -19	1.4																	10	10	11	7														
-20/ -21	.5																	4	4	4	9														
-22/ -23	.1																	1	1	1	5														
Element (X)	ΣX^2		ΣX		$\bar{X}$	σ_x	No. Obs.		Mean No. of Hours with Temperature							Total																			
Rel. Hum.									$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$		Total																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

PSYCHROMETRIC SUMMARY

25247	WILLIAMS LAKE B C OUT APT
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STATION NAME

YEARS

MONTH

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HOURS 1 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																						3															
-26/-27		.1																	1	1	1	3															
-28/-29		.5																	4	4	4	4															
-30/-31		.9																	2	2	2	1															
-32/-33																						4															
-34/-35																						2															
-36/-39																				2																	
-40/-41																				1																	
-42/-43																				3																	
TOTAL	20.5	38.2	9.5	1.8																741		735															
						</																															

PSYCHROMETRIC SUMMARY

DEC

MONTH

MO IRS 11-5-T-4

[illegible]

PSYCHROMETRIC SUMMARY

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2 0300-0500

HOURS: 11:55 - 1:15

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE 3 C OUT APT

61-68

DEC

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																																																	
44/ 43			.1															1	1																																																			
42/ 41			.4		.3													5	5																																																			
40/ 39		.3	.1		.1													6	6		2																																																	
38/ 37		1.6	1.4	.1														22	22		7																																																	
36/ 35	.3	2.6	1.6	.3	.1													36	36		23																																																	
34/ 33	.1	2.8	1.6															34	34		20																																																	
32/ 31	.7	1.4	.7	.1														21	21		44																																																	
30/ 29	1.5	5.0	1.2															57	57		47																																																	
28/ 27	2.0	3.9	.4															47	47		54																																																	
26/ 25	3.3	3.3																46	46		59																																																	
24/ 23	2.7	1.5	.7															36	36		39																																																	
22/ 21	2.6	2.8																40	40		39																																																	
20/ 19	3.0	2.8																43	43		46																																																	
18/ 17	3.0	1.1																30	30		35																																																	
16/ 15	2.6	1.9																33	33		31																																																	
14/ 13	2.4	.4																21	21		26																																																	
12/ 11	2.3	.9																24	24		24																																																	
10/ 9	2.0	.9																22	22		20																																																	
8/ 7	2.4	.5																22	22		24																																																	
6/ 5	2.6	.4																22	22		24																																																	
4/ 3	2.0	.8																21	21		19																																																	
2/ 1	2.2	.5																20	20		20																																																	
0/ -1	2.6	.3																21	21		22																																																	
-2/ -3	2.2	.1																17	17		18																																																	
-4/ -5	1.5	.1																12	12		12																																																	
-6/ -7	2.3	.1																18	18		18																																																	
-8/ -9	.7	.1																6	6		5																																																	
-10/-11	1.4																	10	10		11																																																	
-12/-13	1.5	.1																12	12		11																																																	
-14/-15	1.1																	8	8		9																																																	
-16/-17	.4																	3	3		3																																																	
-18/-19	.3																	2	2		2																																																	
-20/-21	.9																	7	7		7																																																	
-22/-23	.1																	1	1		1																																																	
Element (X)	Σ X ²					Σ X					X̄					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																																																																						

PSYCHROMETRIC SUMMARY

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STATION

STATION NAME

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0600-0800

HOURS (L. S. T.)

[illegible]

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MONTH

HOURS (L. S. T.)

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

PSYCHROMETRIC SUMMARY

25247
STAT

WILLIAMS LAKE H C DIT APT
STATION NAME

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DEC
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																
22/-23	.1	.1																2	2	1	3																
24/-25	.1																	1	1	2	2																
26/-27																					2																
28/-29	.5																	4	4	4	3																
30/-31	.3																	2	2	2																	
32/-33	.1																	1	2	1	5																
34/-35	.3																	2	2	2	4																
36/-37																					1																
38/-39																			2																		
40/-41																			1		1																
42/-43																			1																		
TOTAL	3.0	4.2	0.1	3.0	1.6	.4												738	743	738	738																

Element (X)	Σx^2	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5052536	60672	82.2	9.363	738	$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\leq 67^\circ \text{F}$	$\leq 73^\circ \text{F}$	$\leq 80^\circ \text{F}$	$\leq 93^\circ \text{F}$	Total
Dry Bulb	422016	13102	17.6	16.043	738	14.5	77.5					93
Wet Bulb	369357	12489	16.9	14.642	738	14.2	83.5					93
Dew Point	304609	9847	13.3	15.331	738	19.2	89.2					93

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

23247 WILLIAMS LAKE B C DDT APT

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STATION NAME

YEARS

MONTH

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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													
48/ 47					.4														3																
46/ 45			.1		.3	.8													9																
44/ 43				.3	.1	.1													4																
42/ 41			1.1	1.6															20			1													
40/ 39		.8	1.2	1.9															31			4	1												
38/ 37	.1	1.9	2.4	.7			.3												38		28		1												
36/ 35	.1	2.0	3.8	1.8															57		51		18												
34/ 33		2.6	2.3																36		41		13												
32/ 31	.7	3.4	2.2	.1															47		55		38												
30/ 29	.7	3.6	1.9	.4															46		68		56												
28/ 27	1.6	3.6	.8																45		52		64												
26/ 25	1.1	3.1	.9																38		47		50												
24/ 23	1.1	3.1	.3																35		35		54												
22/ 21	1.1	4.0	.3																40		47		54												
20/ 19	1.9	4.7	.1																50		39		36												
18/ 17	1.6	1.9																	26		52		42												
16/ 15	.7	.8																	11		15		42												
14/ 13	1.2	.8																	15		11		38												
12/ 11	.5	.7																	9		12		19												
10/ 9	.9	.7																	12		11		16												
8/ 7	1.9	1.3																	24		22		15												
6/ 5	1.6	.5																	16		18		18												
4/ 3	1.2	.7																	14		12		16												
2/ 1	3.0	1.2																	31		32		15												
0/ -1	.9	.7																	12		13		11												
-2/ -3	1.3	.3																	12		13		15												
-4/ -5	1.6	.8																	18		17		25												
-6/ -7	.9	.5																	11		13		14												
-8/ -9	.5	.1																	5		5		8												
-10/-11	.3																		2		3		14												
-12/-13	.4																		3		3		14												
-14/-15	.3																		2		2		4												
-16/-17	.1																		1		1		4												
-18/-19	.4	.1																	4		3		2												
Element (X)	ΣX^2				ΣX				$\bar{X}$				σ_x				No. Obs.				Mean No. of Hours with Temperature														
Rel. Hum.																					< 0 F		< 32 F		< 67 F		< 73 F		> 80 F		> 93 F		Total		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C DOT APT

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DEC

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HOURS - 5-10

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/-21	.5																	2	2	3	2														
-22/-23	.1																	1	1	1	3														
-24/-25	.4																	3	3	3	3														
-26/-27	.8																	6	6	6	1														
-28/-29	.3																	2	2	2	6														
-32/-33																					6														
-34/-35																					1														
TOTAL	9.8	4.1	1.3	6.7	.8	1.2														741		741													
														</																					

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C DDT APT

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HOURS ALL S. T. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
46/ 45				.3	.5	.1	.4											9	6																	
44/ 43		.3			.3	.3	.1											9	9																	
42/ 41			.7	.8	.4													14	14	2	2															
40/ 39		.7	.9	1.0	.1													25	25	4	1															
38/ 37	.1	1.1	3.0	.7	.3													38	38	17	2															
36/ 35	.4	2.4	2.2	1.1	.3													47	47	46	14															
34/ 33		2.8	2.8	.5	.1													47	47	46	16															
32/ 31	.4	3.5	1.6	.1														47	42	44	25															
30/ 29	2.0	3.5	1.3	.1														52	52	74	72															
28/ 27	2.4	3.9	.5															51	51	57	54															
26/ 25	1.6	3.8	.8															46	46	54	55															
24/ 23	1.2	2.7	.4															32	32	38	61															
22/ 21	1.5	4.5	.4															47	47	43	55															
20/ 19	2.2	3.0	.1															39	39	48	35															
18/ 17	1.3	2.3																27	27	39	40															
16/ 15	.9	.8																13	13	17	51															
14/ 13	.9	.7																12	12	13	29															
12/ 11	.9	.7																12	12	11	23															
10/ 9	1.3	.4																13	13	13	11															
8/ 7	2.0	.4																18	18	20	13															
6/ 5	2.3	.1																18	18	17	16															
4/ 3	1.2	.7																14	14	13	18															
2/ 1	3.1	1.2																32	32	27	18															
0/ -1	.9	.1																8	8	15	12															
-2/ -3	1.5	.8																17	17	14	10															
-4/ -5	1.6	.8																18	18	18	27															
-6/ -7	.9	.7																12	12	10	9															
-8/ -9	.5																	4	4	9	13															
-10/-11	.4	.1																4	4	4	13															
-12/-13	.4																	3	3	3	11															
-14/-15	.4																	3	3	3	8															
-16/-17																					6															
-18/-19	.3																	2	2	2																
-20/-21	.4	.1																4	4	4	2															
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. A.) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

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PAGE 2 1900-1700
HOURS L. 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														
22/-23	.3																	1	1	1	3														
24/-25	.4	.1																4	4	4	1														
26/-27	.8																	6	6	6	1														
28/-29																					4														
30/-31																					3														
32/-33	.1																	1	1	1	6														
38/-39																					1														
TOTAL	19.0	42.2	14.8	5.8	1.6	.5												741	741	741	741														

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.	4844761	59329	80.1	11.302	741							
Dry Bulb	498996	19490	20.9	13.386	741	10.9	69.7					93
Wet Bulb	430308	14350	19.4	14.331	741	11.8	78.6					93
Dew Point	340727	11453	15.5	14.874	741	16.3	88.6					93

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C OUT APT

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DEC

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

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

2

YEARS

DEC
MON '88

MEASURING THE EFFECTS OF

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

PSYCHROMETRIC SUMMARY

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PAGE 1

2100-2300

HOURS: 11:55 - 1:00

[illegible]

PSYCHROMETRIC SUMMARY

DEC

MONTH

MOBILE, ALA., Sept. 11 (AP) —

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	1	1	1																
-26/-27																		8	8	8	2																
-28/-29																					4																
-30/-31																					1																
-32/-33																					6																
-38/-39																			3																		
-40/-41																			2																		
-42/-43																			1																		
TOTAL	7.3	39.6	10.1	3.0														735	741	735	735																
																									</												

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

25247 WILLIAMS LAKE 8 C DUT APT

61-68

STATION		STATION NAME												YEARS													
HRS LST		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
00-02	MEAN	16.2		24.4		25.4		34.0		41.3		48.7		53.1		53.0		45.7		38.6		26.1		16.6		35.3	
	S D	16.14310.33010.978		6.348		7.164		6.660		5.610		6.470		7.832		8.08210.89616.086		16.330									
	TOTAL OBS	744		678		744		720		744		720		744		744		720		744		720		741		8763	
03-05	MEAN	15.6		23.3		23.6		31.6		38.7		46.2		50.3		49.9		43.2		37.5		25.3		16.2		35.5	
	S D	16.17610.86811.437		6.349		6.760		6.001		4.939		5.976		7.853		8.10310.97716.269		15.713									
	TOTAL OBS	744		678		744		720		744		720		744		744		720		744		720		741		8763	
06-08	MEAN	15.2		22.4		23.5		33.5		43.5		51.5		55.1		53.5		44.7		37.6		24.8		15.9		35.2	
	S D	16.30611.09011.723		6.382		7.096		6.317		5.835		6.651		7.697		7.98511.00816.292		17.336									
	TOTAL OBS	744		678		744		720		744		720		744		744		720		744		720		743		8765	
09-11	MEAN	16.9		26.8		30.2		40.2		50.5		58.2		62.2		61.4		52.5		42.6		27.8		17.6		40.6	
	S D	15.943		9.87311.000		7.225		8.077		7.474		7.331		7.995		7.960		7.75110.69216.043		18.900							
	TOTAL OBS	744		678		744		720		744		720		744		744		720		744		720		743		8765	
12-14	MEAN	20.9		32.7		36.1		45.0		55.0		62.8		67.3		67.4		58.9		47.3		31.6		21.3		45.6	
	S D	15.483		8.95810.353		7.766		8.849		8.367		8.348		9.133		9.031		8.30510.83815.547		19.347							
	TOTAL OBS	744		678		744		720		744		719		744		744		720		744		720		741		8762	
15-17	MEAN	21.1		33.6		37.5		46.6		56.2		64.2		68.7		68.9		60.2		47.4		31.1		20.9		46.4	
	S D	15.304		9.08210.254		8.035		9.213		8.926		9.161		9.727		9.564		8.46410.86815.386		19.887							
	TOTAL OBS	744		678		744		720		744		720		744		744		720		744		720		741		8763	
18-20	MEAN	18.2		28.9		32.9		42.6		52.7		61.1		65.4		64.2		54.0		42.8		27.9		18.6		42.5	
	S D	15.916		9.39010.292		7.800		9.264		8.884		8.967		9.565		8.784		8.19310.68015.700		19.571							
	TOTAL OBS	744		678		744		720		744		720		744		744		720		744		720		741		8763	
21-23	MEAN	17.0		26.2		28.7		37.3		46.0		53.6		58.0		57.3		48.9		40.2		26.7		17.4		38.2	
	S D	16.179		9.85610.585		6.855		7.928		7.452		6.853		7.608		7.991		8.04310.91616.046		17.525							
	TOTAL OBS	744		678		744		720		744		720		744		744		720		744		720		741		8763	
ALL HOURS	MEAN	17.6		27.3		29.7		38.8		48.0		55.8		60.0		59.4		51.0		41.8		27.7		18.1		39.7	
	S D	16.08310.68811.968		8.90710.149		9.868		9.74410.38510.305		5952		5760		5952		5952		5760		8.93311.10716.031		18.708					
	TOTAL OBS	5952		5424		5952		5760		5952		5759		5952		5952		5760		5952		5760		5952		70107	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

25247 WILLIAMS LAKE R C DUT APT

61-68

STATION		STATION NAME												YEARS											
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00-02	MEAN	15.1	22.8	23.2	30.4	37.1	43.8	48.4	48.6	42.2	35.6	24.7	16.2	32.4											
	S D	15.261	9.440	9.913	5.378	5.704	4.664	3.616	4.425	6.408	6.511	10.056	14.645	14.505											
	TOTAL OBS	744	978	744	720	744	720	744	744	720	744	720	735	8757											
03-05	MEAN	14.6	21.8	21.9	28.9	35.5	42.4	47.0	46.9	40.6	34.9	23.9	15.8	31.2											
	S D	15.331	10.025	10.509	5.667	5.741	4.680	3.633	4.699	6.680	6.573	10.181	14.830	14.359											
	TOTAL OBS	744	978	744	720	744	720	744	744	720	744	720	735	8757											
06-08	MEAN	14.3	21.1	21.7	30.1	38.5	45.4	49.6	49.1	41.6	35.1	23.5	15.6	32.2											
	S D	15.490	10.302	10.839	5.576	5.457	4.287	3.658	4.510	6.519	6.508	10.211	14.860	15.291											
	TOTAL OBS	744	978	744	720	744	720	744	744	720	744	720	737	8736											
09-11	MEAN	15.7	24.5	26.6	34.1	41.9	48.1	52.4	52.7	45.8	38.1	25.9	16.9	35.3											
	S D	15.028	8.845	9.527	5.363	5.363	4.494	3.965	4.367	5.847	6.056	9.620	14.642	15.340											
	TOTAL OBS	744	978	744	720	744	720	744	744	720	744	720	738	8759											
12-14	MEAN	19.0	28.8	30.2	36.6	43.7	49.6	53.9	54.6	48.5	40.5	28.5	19.6	37.8											
	S D	14.222	7.479	8.200	5.325	5.473	4.419	4.014	4.436	5.900	6.038	9.261	14.395	14.614											
	TOTAL OBS	744	978	744	720	744	719	744	744	720	744	720	741	8762											
15-17	MEAN	19.3	29.4	31.1	37.3	44.3	50.0	54.2	54.9	48.8	40.5	28.2	19.4	38.1											
	S D	14.047	7.347	7.743	5.185	5.420	4.403	3.830	4.352	5.869	6.140	9.373	14.351	14.643											
	TOTAL OBS	744	978	744	720	744	720	744	744	720	744	720	741	8762											
18-20	MEAN	17.0	26.2	28.3	35.2	43.0	49.1	53.5	53.6	46.4	38.1	26.0	17.7	36.2											
	S D	14.879	8.134	8.361	5.357	5.385	4.499	3.750	4.399	5.930	6.292	9.562	14.526	15.176											
	TOTAL OBS	744	978	744	720	744	720	744	744	720	744	720	738	8757											
21-23	MEAN	15.9	24.2	25.5	32.4	39.9	46.3	51.0	50.8	43.9	36.5	25.0	16.9	34.1											
	S D	15.244	8.843	9.228	5.246	5.638	4.478	3.536	4.306	6.138	6.432	9.973	14.530	14.831											
	TOTAL OBS	744	978	744	720	744	720	744	744	720	744	720	735	8757											
ALL HOURS	MEAN	16.4	24.8	26.1	33.1	40.5	46.8	51.2	51.4	44.7	37.4	25.7	17.3	34.7											
	S D	15.043	9.313	9.945	6.141	6.314	5.210	4.522	5.236	6.831	6.671	9.930	14.659	15.050											
	TOTAL OBS	5952	5424	5948	5760	5952	5759	5952	5948	5760	5952	5760	5900	70067											

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

25247 WILLIAMS LAKE 8 C DDT APT

61-68

STATION

STATION NAME

YEARS

HRS - LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN 11.6 S D 15.763 TOTAL OBS 744	MEAN 15.9 S D 10.226 TOTAL OBS 678	MEAN 18.3 S D 10.979 TOTAL OBS 744	MEAN 24.9 S D 6.468 TOTAL OBS 720	MEAN 32.0 S D 6.962 TOTAL OBS 744	MEAN 39.1 S D 5.815 TOTAL OBS 720	MEAN 44.6 S D 4.781 TOTAL OBS 744	MEAN 45.2 S D 5.037 TOTAL OBS 744	MEAN 38.7 S D 6.844 TOTAL OBS 720	MEAN 31.9 S D 6.643 TOTAL OBS 744	MEAN 21.6 S D 10.505 TOTAL OBS 720	MEAN 12.9 S D 15.344 TOTAL OBS 735	MEAN 28.3 S D 14.881 TOTAL OBS 8757
03-05	MEAN 11.1 S D 15.706 TOTAL OBS 744	MEAN 18.0 S D 10.752 TOTAL OBS 678	MEAN 17.5 S D 11.332 TOTAL OBS 744	MEAN 24.4 S D 6.604 TOTAL OBS 720	MEAN 31.6 S D 6.703 TOTAL OBS 744	MEAN 38.7 S D 5.567 TOTAL OBS 720	MEAN 44.1 S D 4.601 TOTAL OBS 744	MEAN 44.5 S D 5.079 TOTAL OBS 744	MEAN 37.9 S D 6.921 TOTAL OBS 720	MEAN 31.7 S D 6.475 TOTAL OBS 744	MEAN 20.9 S D 10.749 TOTAL OBS 720	MEAN 12.7 S D 15.617 TOTAL OBS 735	MEAN 27.8 S D 14.928 TOTAL OBS 8757
06-08	MEAN 10.7 S D 16.050 TOTAL OBS 744	MEAN 17.5 S D 11.085 TOTAL OBS 678	MEAN 17.3 S D 11.809 TOTAL OBS 741	MEAN 25.0 S D 6.607 TOTAL OBS 720	MEAN 32.8 S D 6.500 TOTAL OBS 744	MEAN 39.8 S D 5.308 TOTAL OBS 720	MEAN 45.3 S D 4.686 TOTAL OBS 744	MEAN 45.8 S D 4.793 TOTAL OBS 744	MEAN 38.6 S D 6.836 TOTAL OBS 720	MEAN 31.9 S D 6.408 TOTAL OBS 744	MEAN 20.6 S D 10.775 TOTAL OBS 720	MEAN 12.4 S D 15.652 TOTAL OBS 737	MEAN 28.2 S D 15.483 TOTAL OBS 8756
09-11	MEAN 11.7 S D 15.907 TOTAL OBS 744	MEAN 19.9 S D 9.849 TOTAL OBS 678	MEAN 20.0 S D 10.578 TOTAL OBS 743	MEAN 25.7 S D 7.011 TOTAL OBS 720	MEAN 32.6 S D 6.872 TOTAL OBS 744	MEAN 39.4 S D 5.807 TOTAL OBS 720	MEAN 45.1 S D 4.928 TOTAL OBS 744	MEAN 46.5 S D 4.820 TOTAL OBS 744	MEAN 39.9 S D 6.642 TOTAL OBS 720	MEAN 33.0 S D 6.564 TOTAL OBS 744	MEAN 22.1 S D 10.098 TOTAL OBS 720	MEAN 13.3 S D 15.331 TOTAL OBS 738	MEAN 29.2 S D 14.908 TOTAL OBS 8759
12-14	MEAN 14.3 S D 15.058 TOTAL OBS 744	MEAN 22.2 S D 8.657 TOTAL OBS 678	MEAN 20.9 S D 9.227 TOTAL OBS 744	MEAN 25.2 S D 7.606 TOTAL OBS 720	MEAN 31.5 S D 7.854 TOTAL OBS 744	MEAN 38.2 S D 6.186 TOTAL OBS 719	MEAN 44.1 S D 5.218 TOTAL OBS 744	MEAN 45.6 S D 5.361 TOTAL OBS 744	MEAN 39.5 S D 7.326 TOTAL OBS 720	MEAN 33.1 S D 7.267 TOTAL OBS 744	MEAN 23.6 S D 9.449 TOTAL OBS 720	MEAN 15.3 S D 14.882 TOTAL OBS 741	MEAN 29.5 S D 13.866 TOTAL OBS 8762
15-17	MEAN 14.8 S D 14.808 TOTAL OBS 744	MEAN 22.5 S D 8.476 TOTAL OBS 678	MEAN 21.0 S D 8.730 TOTAL OBS 744	MEAN 24.7 S D 7.884 TOTAL OBS 720	MEAN 31.6 S D 8.030 TOTAL OBS 744	MEAN 37.6 S D 6.577 TOTAL OBS 720	MEAN 43.5 S D 5.427 TOTAL OBS 744	MEAN 45.0 S D 5.649 TOTAL OBS 743	MEAN 39.0 S D 7.717 TOTAL OBS 720	MEAN 33.0 S D 7.457 TOTAL OBS 744	MEAN 23.5 S D 9.617 TOTAL OBS 720	MEAN 15.5 S D 14.874 TOTAL OBS 741	MEAN 29.3 S D 13.678 TOTAL OBS 8762
18-20	MEAN 13.3 S D 15.471 TOTAL OBS 744	MEAN 21.1 S D 9.109 TOTAL OBS 678	MEAN 20.4 S D 9.728 TOTAL OBS 744	MEAN 25.1 S D 7.466 TOTAL OBS 720	MEAN 32.6 S D 7.899 TOTAL OBS 744	MEAN 38.8 S D 6.795 TOTAL OBS 720	MEAN 44.8 S D 5.535 TOTAL OBS 744	MEAN 46.1 S D 5.551 TOTAL OBS 741	MEAN 39.7 S D 7.052 TOTAL OBS 720	MEAN 32.8 S D 6.985 TOTAL OBS 744	MEAN 22.4 S D 9.807 TOTAL OBS 720	MEAN 14.2 S D 15.230 TOTAL OBS 738	MEAN 29.3 S D 14.485 TOTAL OBS 8757
21-23	MEAN 12.3 S D 15.853 TOTAL OBS 744	MEAN 19.8 S D 9.837 TOTAL OBS 678	MEAN 19.5 S D 10.442 TOTAL OBS 744	MEAN 25.2 S D 6.886 TOTAL OBS 720	MEAN 33.0 S D 7.484 TOTAL OBS 744	MEAN 39.6 S D 6.158 TOTAL OBS 720	MEAN 45.7 S D 4.808 TOTAL OBS 744	MEAN 45.9 S D 5.108 TOTAL OBS 744	MEAN 39.2 S D 6.785 TOTAL OBS 720	MEAN 32.2 S D 6.896 TOTAL OBS 744	MEAN 21.7 S D 10.261 TOTAL OBS 720	MEAN 13.6 S D 15.265 TOTAL OBS 735	MEAN 29.0 S D 14.887 TOTAL OBS 8757
ALL HOURS	MEAN 12.5 S D 15.636 TOTAL OBS 5952	MEAN 20.0 S D 9.936 TOTAL OBS 5424	MEAN 19.4 S D 10.487 TOTAL OBS 5948	MEAN 25.0 S D 7.089 TOTAL OBS 5760	MEAN 32.2 S D 7.328 TOTAL OBS 5952	MEAN 38.9 S D 6.081 TOTAL OBS 5759	MEAN 44.6 S D 5.054 TOTAL OBS 5952	MEAN 45.6 S D 5.217 TOTAL OBS 5948	MEAN 39.1 S D 7.046 TOTAL OBS 5760	MEAN 32.4 S D 6.863 TOTAL OBS 5952	MEAN 22.0 S D 10.213 TOTAL OBS 5760	MEAN 13.8 S D 15.305 TOTAL OBS 5900	MEAN 28.8 S D 14.661 TOTAL OBS 72067

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

25247 WILLIAMS LAKE B C DUT APT

61-68

ALL

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%		
JAN	ALL	100.0	100.0	100.0	99.9	99.1	95.5	83.5	55.6	17.0	80.6	5952
FEB		100.0	100.0	99.8	98.3	93.4	83.2	66.0	41.6	16.6	75.4	5424
MAR		100.0	100.0	98.8	93.0	80.9	65.0	46.1	25.6	10.5	67.5	5948
APR		100.0	99.4	93.7	80.9	66.4	50.3	34.5	21.3	11.1	61.3	5760
MAY		100.0	98.5	90.5	74.8	58.7	44.1	32.0	22.7	12.2	58.9	5952
JUN		100.0	98.6	89.5	72.9	57.1	42.9	29.7	20.3	10.4	57.7	5759
JUL		100.0	99.2	92.5	78.8	63.4	48.9	36.1	25.6	15.3	61.6	5952
AUG		100.0	98.8	93.8	83.5	70.4	56.1	42.7	29.8	16.3	64.7	5948
SEP		100.0	99.9	97.1	87.7	75.5	61.4	46.5	33.0	16.9	67.4	5760
OCT		100.0	100.0	99.5	95.9	86.7	70.8	52.2	36.0	21.6	72.0	5952
NOV		100.0	100.0	100.0	99.5	97.2	91.4	77.6	55.0	26.9	80.5	5760
DEC		100.0	100.0	100.0	99.9	99.4	97.2	87.7	62.0	22.6	82.5	5900
TOTALS		100.0	99.5	96.3	88.8	79.0	67.2	52.9	35.7	16.5	69.2	70067

USAFETAC

FORM
JUL 64

0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

25247 WILLIAMS LAKE B C DOT APT

61-68

JAN

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%		
JAN	00-02	100.0	100.0	100.0	100.0	99.9	97.8	88.0	61.3	19.4	82.3	744
	03-05	100.0	100.0	100.0	100.0	100.0	98.4	89.1	63.0	19.8	82.5	744
	06-08	100.0	100.0	100.0	100.0	99.9	99.3	90.1	61.6	18.5	82.4	744
	09-11	100.0	100.0	100.0	100.0	99.9	97.6	83.3	51.1	14.7	80.2	744
	12-14	100.0	100.0	100.0	99.5	97.4	89.5	71.6	39.5	10.8	76.2	744
	15-17	100.0	100.0	100.0	99.5	96.8	91.0	74.3	46.4	12.6	77.3	744
	18-20	100.0	100.0	100.0	100.0	99.2	94.6	85.5	60.9	18.5	81.5	744
	21-23	100.0	100.0	100.0	100.0	99.6	96.0	85.8	61.2	22.0	82.1	744
TOTALS		100.0	100.0	100.0	99.9	99.1	95.5	83.5	53.6	17.0	80.6	5952

USAFETAC

NORM
JUL 64

0-87-5 (OL II)

RELATIVE HUMIDITY

FEB

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10°	20°	30°	40°	50°	60°	70°	80°	90°		
FEB	00-02	100.0	100.0	100.0	100.0	98.8	93.7	78.9	53.1	21.1	80.0	678
	03-05	100.0	100.0	100.0	100.0	99.3	94.0	80.1	56.0	24.2	80.8	678
	06-08	100.0	100.0	100.0	99.9	99.4	94.8	84.1	59.3	26.3	81.8	678
	09-11	100.0	100.0	100.0	99.4	96.2	83.8	70.8	43.8	13.4	76.3	678
	12-14	100.0	100.0	99.3	93.4	83.3	65.8	39.7	19.9	6.3	66.7	678
	15-17	100.0	99.9	99.3	93.1	79.9	60.6	40.1	20.2	6.9	63.6	678
	18-20	100.0	100.0	100.0	99.0	92.2	81.4	64.2	34.5	14.2	74.1	678
	21-23	100.0	100.0	100.0	99.9	96.3	89.5	69.8	45.7	20.1	77.6	678
TOTALS		100.0	100.0	99.8	98.3	93.4	83.2	66.0	41.6	16.6	73.4	3424

RELATIVE HUMIDITY

MAR

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	96.4	83.2	62.6	36.6	16.3	75.1	744
	03-05	100.0	100.0	100.0	100.0	98.3	90.7	72.8	44.0	18.5	78.1	744
	06-08	100.0	100.0	100.0	100.0	97.8	90.1	73.5	43.7	17.7	77.9	741
	09-11	100.0	100.0	100.0	97.7	87.6	63.3	40.4	20.5	7.7	67.2	743
	12-14	100.0	100.0	96.9	83.9	59.3	38.0	19.1	8.7	2.7	56.2	744
	15-17	100.0	100.0	94.5	73.8	50.9	33.3	19.9	7.4	2.2	53.8	744
	18-20	100.0	100.0	99.1	89.8	68.1	51.1	32.5	17.5	6.7	62.0	744
	21-23	100.0	100.0	100.0	98.9	88.4	70.6	48.0	26.2	12.2	70.0	744
TOTALS		100.0	100.0	98.8	93.0	80.9	65.0	46.1	25.6	10.5	67.5	5948

RELATIVE HUMIDITY

APR

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.9	98.1	90.0	70.4	47.4	30.3	17.1	70.9	720
	03-05	100.0	100.0	100.0	99.9	95.8	85.7	61.0	38.6	20.7	75.7	720
	06-08	100.0	100.0	99.9	98.6	93.2	77.1	51.9	32.8	16.4	72.5	720
	09-11	100.0	99.7	96.4	85.6	63.8	38.3	24.9	15.1	7.6	58.7	720
	12-14	100.0	98.8	85.4	57.4	38.1	24.3	16.1	9.2	3.5	48.8	720
	15-17	99.7	97.4	79.0	49.3	32.8	21.7	13.8	8.1	3.3	45.7	720
	18-20	100.0	99.0	90.4	67.4	45.8	32.5	23.1	12.8	7.5	53.4	720
	21-23	100.0	99.9	98.2	91.0	71.8	52.1	37.9	23.5	12.5	64.3	720
TOTALS		100.0	99.4	93.7	80.9	66.4	50.3	34.5	21.3	11.1	61.3	5760

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

25247 WILLIAMS LAKE B C DUT APT
STATION

61-68

MAY
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	99.5	96.0	84.4	67.6	52.7	39.1	22.7	71.8	744
	03-05	100.0	100.0	99.6	99.1	94.6	83.1	65.5	47.3	27.2	77.3	744
	06-08	100.0	100.0	99.6	96.4	84.4	62.2	39.5	27.4	15.7	68.1	744
	09-11	100.0	100.0	93.4	74.3	46.5	25.9	16.0	10.9	5.6	52.8	744
	12-14	100.0	96.5	78.9	46.1	25.9	15.7	10.6	7.0	3.0	43.9	744
	15-17	100.0	94.6	72.8	43.0	25.4	16.3	11.2	7.4	2.7	42.7	744
	18-20	99.9	97.4	83.6	58.7	40.5	29.0	20.8	14.9	6.0	50.6	744
	21-23	100.0	99.6	96.9	85.1	67.6	53.1	39.5	27.3	14.8	63.9	744
TOTALS		100.0	98.5	90.5	74.8	58.7	44.1	32.0	22.7	12.2	58.9	5952

USAFETAC

FORM
JUL 64

0-87-5 (OL 1)

RELATIVE HUMIDITY

JLN

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90		
JUN	00-02	100.0	100.0	99.6	94.9	84.6	70.3	52.2	40.6	22.4	72.0	720
	03-05	100.0	100.0	100.0	98.8	93.8	81.3	62.9	46.9	29.6	76.9	720
	06-08	100.0	100.0	99.6	95.8	82.1	59.6	39.9	22.4	8.3	66.4	720
	09-11	100.0	99.9	94.9	74.3	46.1	26.9	13.8	6.4	2.6	52.0	720
	12-14	100.0	97.4	77.9	46.6	25.6	14.9	7.0	3.3	1.0	42.9	719
	15-17	99.7	94.7	68.6	35.6	22.6	14.7	9.4	5.7	1.4	40.8	720
	18-20	100.0	96.9	78.1	52.5	36.1	23.8	17.9	11.8	5.0	47.8	720
	21-23	100.0	99.9	97.1	84.7	65.6	51.5	34.7	24.9	12.6	62.6	720
TOTALS		100.0	98.6	89.5	72.9	57.1	42.9	29.7	20.3	10.4	57.7	5759

RELATIVE HUMIDITY

JUL

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	99.6	97.6	89.4	77.2	59.7	43.8	29.6	75.4	744
	03-05	100.0	99.9	99.9	99.5	95.7	87.9	73.4	56.9	36.8	80.8	744
	06-08	100.0	100.0	99.9	97.6	89.7	68.7	48.1	34.0	20.6	71.6	744
	09-11	100.0	99.9	97.0	84.4	55.6	33.5	20.6	10.5	4.0	56.1	744
	12-14	100.0	98.5	84.0	55.4	30.0	16.9	10.5	6.3	3.9	46.0	744
	15-17	100.0	97.2	74.6	44.6	27.4	18.4	11.8	7.0	3.4	43.9	744
	18-20	100.0	98.3	85.8	59.0	43.1	32.7	22.7	14.9	5.9	51.8	744
	21-23	100.0	99.5	98.8	92.3	76.1	56.2	41.8	31.0	18.5	67.0	744
TOTALS		100.0	99.2	92.5	78.8	63.4	48.9	36.1	25.6	15.3	61.6	5952

RELATIVE HUMIDITY

AUG
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	99.9	98.0	91.4	81.2	65.3	48.1	28.8	76.8	744
	03-05	100.0	100.0	100.0	100.0	97.6	90.7	79.8	64.5	40.5	83.0	744
	06-08	100.0	100.0	99.7	98.7	92.5	82.8	67.2	50.0	26.6	77.3	744
	09-11	100.0	100.0	98.9	87.1	70.8	47.6	29.6	15.5	5.8	60.7	744
	12-14	100.0	97.3	86.6	65.3	40.2	22.0	10.5	5.5	2.3	48.7	744
	15-17	100.0	94.9	79.8	54.8	33.3	21.3	12.4	7.1	1.5	46.1	743
	18-20	100.0	98.0	90.0	73.3	53.5	39.4	26.9	15.7	7.7	56.1	741
	21-23	100.0	100.0	97.8	90.5	79.7	63.7	49.7	32.0	17.2	68.8	744
TOTALS		100.0	98.8	93.8	83.3	70.4	56.1	42.7	29.8	16.3	64.7	5948

USAFETAC FORM 0-87-5 (OL 1)
JUL 64

RELATIVE HUMIDITY

SEP

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	% OF IS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	99.7	98.1	95.8	86.3	70.0	50.8	25.7	78.3	720
	03-05	100.0	100.0	99.9	99.4	97.4	92.5	80.4	63.3	36.9	82.7	720
	06-08	100.0	100.0	100.0	99.6	98.3	90.1	75.1	55.3	30.3	80.6	720
	09-11	100.0	100.0	99.6	94.4	78.2	54.6	32.2	20.6	8.1	64.1	720
	12-14	100.0	99.9	92.5	69.6	43.8	25.4	14.6	8.5	3.6	71.2	720
	15-17	100.0	99.3	87.9	56.5	36.3	23.8	16.8	10.8	5.1	49.1	720
	18-20	100.0	100.0	97.5	86.9	65.6	45.6	32.4	20.1	9.7	61.4	720
	21-23	100.0	100.0	99.6	96.9	88.2	72.9	50.8	34.2	15.6	71.3	720
TOTALS		100.0	99.9	97.1	87.7	75.5	61.4	46.5	33.0	16.9	67.4	5760

RELATIVE HUMIDITY

267

STATION

STATION NAME

PERIOD

MONTH

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%		
OCT	00-02	100.0	100.0	99.6	99.6	99.8	86.7	66.7	45.6	30.2	78.3	744
	03-05	100.0	100.0	100.0	99.6	97.0	91.4	73.1	56.5	34.3	80.9	744
	06-08	100.0	100.0	100.0	99.7	97.3	90.6	75.1	57.7	33.2	81.2	744
	09-11	100.0	99.9	99.7	97.8	90.7	71.1	47.4	26.7	15.9	70.6	744
	12-14	100.0	100.0	99.3	87.9	66.3	41.3	25.1	17.5	9.3	60.2	744
	15-17	100.0	100.0	98.4	85.9	63.7	41.5	25.8	16.1	9.0	59.9	744
	18-20	100.0	100.0	99.5	97.3	86.3	66.4	46.8	29.6	16.8	69.9	744
	21-23	100.0	100.0	99.6	99.1	94.6	77.7	57.7	38.3	24.2	74.9	744
TOTALS		100.0	100.0	99.5	95.9	86.7	70.8	52.2	36.0	21.6	72.0	5952

FORM
11-1-64

0-87-5 (OL 1)

RELATIVE HUMIDITY

61-68

NUV

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	99.6	95.3	83.9	65.6	33.9	83.6	720
	03-05	100.0	100.0	100.0	100.0	99.6	97.2	86.9	65.1	36.5	84.2	720
	06-08	100.0	100.0	100.0	100.0	99.7	97.2	88.2	67.4	34.7	84.4	720
	09-11	100.0	100.0	100.0	99.6	98.2	92.5	77.9	50.4	24.0	79.7	720
	12-14	100.0	100.0	100.0	99.0	91.3	81.4	61.7	34.7	12.5	73.6	720
	15-17	100.0	100.0	100.0	97.9	91.7	81.4	64.0	39.6	15.7	74.9	720
	18-20	100.0	100.0	100.0	99.6	97.8	91.3	78.2	55.4	27.6	80.9	720
	21-23	100.0	100.0	100.0	100.0	99.3	94.6	80.1	61.9	30.3	82.4	720
TOTALS		100.0	100.0	100.0	99.5	97.2	91.4	77.6	55.0	26.9	80.5	3760

USAFETAC

FORM 11-4-1

0-87-5 (OL 1)

RELATIVE HUMIDITY

61-68

DEC

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	99.9	98.4	92.1	69.0	26.9	84.2	735
	03-05	100.0	100.0	100.0	100.0	100.0	98.6	92.0	70.1	26.3	84.6	735
	06-08	100.0	100.0	100.0	99.9	99.5	98.9	93.2	70.7	25.8	84.6	737
	09-11	100.0	100.0	100.0	100.0	99.6	98.4	87.1	60.3	21.3	82.2	738
	12-14	100.0	100.0	100.0	99.5	98.5	93.5	76.2	46.8	13.4	78.4	741
	15-17	100.0	100.0	100.0	100.0	98.2	94.5	81.9	53.8	18.5	80.1	741
	18-20	100.0	100.0	100.0	100.0	99.6	97.3	88.9	59.1	23.2	82.5	738
	21-23	100.0	100.0	100.0	100.0	100.0	97.8	90.2	66.5	25.7	83.5	735
TOTALS		100.0	100.0	100.0	99.9	99.4	97.2	87.7	62.0	22.6	82.5	5900

USAFETAC

FORM
JUL 64

0-87-5 (OL 1)

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

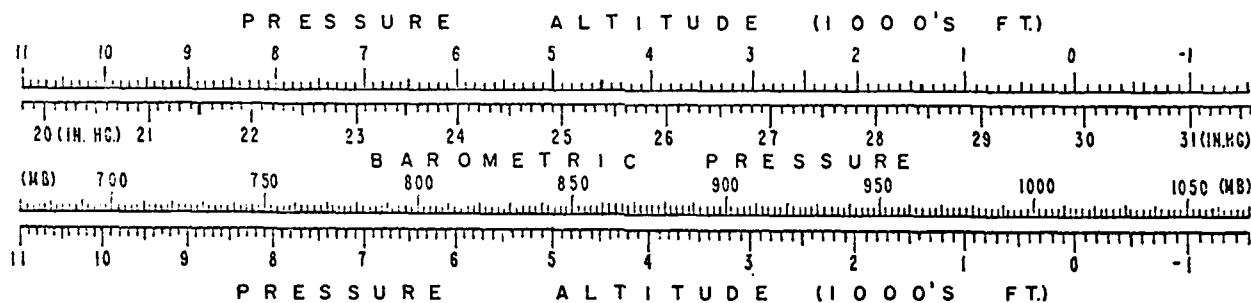
PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after 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

25247 WILLIAMS LAKE H C DUT APT 61-68

STATION

STATION NAME

YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	26.695	26.709	26.657	26.702	26.750	26.755	26.815	26.809	26.788	26.705	26.671	26.656	26.726
	S D	.305	.242	.238	.191	.151	.119	.120	.130	.164	.249	.255	.285	.220
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	224	247	2905
04	MEAN	26.700	26.710	26.659	26.706	26.757	26.764	26.822	26.816	26.793	26.704	26.673	26.660	26.731
	S D	.308	.244	.241	.193	.154	.123	.122	.133	.167	.252	.255	.284	.222
	TOTAL OBS	248	226	248	240	249	240	248	248	240	248	223	247	2904
07	MEAN	26.695	26.711	26.666	26.719	26.773	26.777	26.837	26.831	26.806	26.712	26.677	26.658	26.739
	S D	.311	.249	.246	.196	.157	.127	.127	.136	.171	.251	.254	.285	.226
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	223	248	2905
10	MEAN	26.710	26.723	26.673	26.719	26.766	26.768	26.833	26.832	26.808	26.725	26.689	26.671	26.743
	S D	.314	.253	.251	.196	.156	.127	.126	.136	.175	.250	.254	.287	.226
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	223	248	2905
13	MEAN	26.690	26.706	26.650	26.695	26.743	26.744	26.810	26.809	26.784	26.708	26.669	26.651	26.722
	S D	.314	.251	.252	.193	.152	.124	.121	.134	.175	.249	.258	.292	.226
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	223	247	2903
16	MEAN	26.685	26.691	26.632	26.675	26.723	26.725	26.788	26.784	26.762	26.694	26.659	26.648	26.706
	S D	.312	.250	.248	.186	.146	.119	.119	.128	.171	.247	.256	.291	.221
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	224	247	2905
19	MEAN	26.688	26.694	26.637	26.675	26.722	26.724	26.784	26.779	26.765	26.696	26.661	26.651	26.707
	S D	.310	.249	.239	.183	.140	.115	.115	.126	.168	.250	.255	.288	.219
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	224	247	2905
22	MEAN	26.693	26.701	26.653	26.695	26.743	26.748	26.804	26.796	26.780	26.704	26.666	26.655	26.720
	S D	.307	.249	.234	.183	.144	.115	.115	.129	.165	.251	.254	.285	.218
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	224	247	2905
ALL HOURS	MEAN	26.694	26.706	26.653	26.698	26.747	26.751	26.812	26.807	26.786	26.706	26.670	26.656	26.724
	S D	.310	.248	.244	.191	.151	.122	.122	.133	.170	.250	.255	.287	.223
	TOTAL OBS	1984	1808	1984	1920	1983	1920	1984	1984	1920	1984	1788	1978	22237

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

25247 WILLIAMS LAKE B C DDT APT
STATION STATION NAME

61-68
YEARS

HRS	EST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
01	MEAN	1017.31016.51014.31014.91015.31014.71016.41016.21016.31014.41015.21016.1													1015.7
	S D	11.887 9.447 9.353 7.340 5.691 4.612 4.531 4.968 6.569 9.58210.01611.077													8.338
	TOTAL OBS	248 226 248 240 248 240 248 248 240 248 224 247													2905
04	MEAN	1017.61016.61014.31015.01015.91015.11016.81016.51016.61014.41015.31016.2													1015.9
	S D	12.006 9.547 9.446 7.422 5.830 4.747 4.676 5.096 6.629 9.695 9.99611.027													8.415
	TOTAL OBS	248 226 248 240 248 240 248 248 240 248 223 247													2904
07	MEAN	1017.71017.01015.01015.71016.31015.41017.21017.21017.41015.11015.71016.4													1016.3
	S D	12.225 9.886 9.781 7.508 5.830 4.849 4.760 5.130 6.838 9.741 9.97911.162													8.546
	TOTAL OBS	248 226 248 240 248 240 248 248 240 248 223 248													2905
10	MEAN	1018.31017.31015.11015.61016.11015.21017.11017.11017.31015.41016.11016.8													1016.4
	S D	12.323 9.941 9.878 7.554 5.843 4.831 4.682 5.108 6.855 9.637 9.90811.229													8.572
	TOTAL OBS	248 226 248 240 248 240 248 248 240 248 223 248													2905
13	MEAN	1017.31016.41014.01014.61015.21014.21016.21016.21016.21014.61015.21015.9													1015.5
	S D	12.251 9.818 9.900 7.381 5.650 4.748 4.531 5.084 6.811 9.58210.05311.318													8.531
	TOTAL OBS	248 226 248 240 247 240 248 248 240 248 223 247													2903
16	MEAN	1017.11015.81013.31013.81014.51013.61015.51015.31015.41014.11014.81015.8													1014.9
	S D	12.178 9.706 9.723 7.090 5.485 4.613 4.492 4.881 6.681 9.53910.01711.287													8.436
	TOTAL OBS	248 226 248 240 248 240 248 248 240 248 224 247													2905
19	MEAN	1017.41016.41013.91014.01014.41013.41015.21015.21015.91014.51015.21016.1													1015.1
	S D	12.148 9.859 9.521 6.992 5.266 4.426 4.374 4.774 6.634 9.70010.00811.263													8.407
	TOTAL OBS	248 226 248 240 248 240 248 248 240 248 224 247													2903
22	MEAN	1017.61016.51014.31014.71015.21014.41016.01015.81016.31014.71015.31016.3													1015.6
	S D	12.015 9.708 9.234 7.111 5.408 4.483 4.376 4.893 6.521 9.653 9.95511.085													8.320
	TOTAL OBS	248 226 248 240 248 240 248 248 240 248 224 247													2905
ALL HOURS	MEAN	1017.61016.61014.31014.81015.41014.51016.31016.21016.41014.61015.31016.2													1015.7
	S D	12.115 9.731 9.608 7.315 5.660 4.706 4.598 5.033 6.710 9.632 9.97911.166													8.460
	TOTAL OBS	1984 1808 1984 1920 1983 1920 1984 1984 1920 1984 1788 1978													23237

END

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