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COLD LAKE AIRPORT CANADA REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83
USAFETAC/DS-83/007 SBI-AD-E850 371

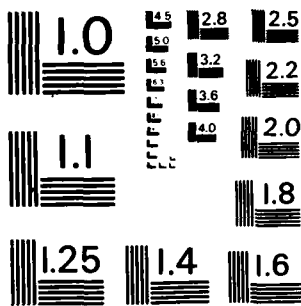
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The table consists of 10 columns and 15 rows. The top row is mostly blacked out, with a small white square in the second column. The remaining 14 rows are almost entirely blacked out, with only a few small white squares visible in the first and second columns of the lower half of the grid.



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

PHOTOGRAPH THIS SHEET

AD-E850371

ADA 128121

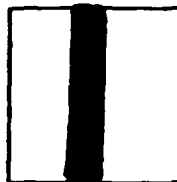
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ADA 128121

DS # 83/007

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

AND TECH. STATION
SCOTT AFB, IL 62240

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

131 MAR 1983

COLD LAKE APT, OK
N 54 25 W 110 17 ELEV: 1775 FT MSC # 711200
PARTS A - F HOURS SUMMARIZED: 0000Z - 2300Z

PERIOD OF RECORD:
HOURLY OBSERVATIONS: JAN 73 - DEC 82
SUMMARY OF DAY DATA: NONE

TIME CONVERSION GMT TO LST: -7

28 MAR 1983

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

Wayne E. McCollom

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UNCLASSIFIED **ADE 850 371**
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CN 711200

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS 83/007	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- COLD LAKE AIRPORT, CANADA	5. TYPE OF REPORT & PERIOD COVERED Final rept	
	6. PERFORMING ORG. REPORT NUMBER	
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9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB, IL 62225	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS	
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB, IL 62225	12. REPORT DATE MAR 83	
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperatures Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative Humidity *Climatological data (over)		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for COLD LAKE AIRPORT, CANADA It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (Daily amount; and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric		

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

*CANADA

*COLD LAKE AIRPORT

*

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

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ADE 200 321

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

The lack of the Summary of the Day (SOD) data limits the summaries contained in this RUSSWO. The Daily Summaries for the cumulative Percentage Frequencies for Maximum, Minimum and Mean Temperatures and the extreme maximums and minimum temperatures are included. These summaries were prepared by using the hourly temperature values and a specifically designed computer program to calculate these tables. Although these data are extremely close and very reliable, they may not exactly agree with other published data. Hourly wind data are available, however, the peak winds (SOD) data are not included.

U.S. AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

DAILY OBSERVATIONS

DESCRIPTION OF SUMMARIES

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

DATA NOT AVAILABLE

PART B PRECIPITATION

SNOWFALL

DATA NOT AVAILABLE

SNOW DEPTH

DATA NOT AVAILABLE

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX. MIN. & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

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

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

Hourly observations and summaries are summarized in eight 3-hour periods corresponding to the following sets of hourly observations:

MISSING HOUR GROUPS

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

MAY	APRIL	JULY	NOV
JUNE	MAY	AUGUST	DECEMBER
SEPTEMBER	JUNE	SEPTEMBER	FEBRUARY

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER			
25129	Cold Lake Alberta DOT Apt	N 54 25	W 110 17	1775	CYOD	71120			
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			FIELD (FT)	HT BARD	
1	Cold Lake Alberta Apt	DOT	Jan 57	Feb 81	N 54 25	W 110 17	1775	N/A	24
NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE			
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND				
1	Jan 57 to Feb 81	Not Available	N/A	N/A	N/A	DOT Magnetic Tape Jan 57 - Feb 81.			

PART A

WEATHER CONDITIONS

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

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

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

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

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

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

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

Continued on Reverse

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

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

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 12 0
STATION

COLD LAKE APT CN

STATION NAME

73-82

YEARS

JAN
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			1.0	36.7		39.2	4.0		.6		4.6	891
	03-05			.7	40.2	.1	40.9	7.5		.6		8.1	907
	06-08			.6	40.7		41.4	8.6		.6		9.4	884
	09-11		.3	.6	35.6		36.2	10.9	.1	.6		11.5	884
	12-14		.2	.2	33.1		33.5	4.4		.4		4.8	895
	15-17		.1	.1	27.2		27.4	1.2	.2	.2		1.7	909
	18-20		.1	.4	33.7	.3	34.0	1.7	.1	.9		2.7	896
	21-23		.3	.7	36.7	.2	37.4	2.4	.3	.7		3.4	912
TOTALS			.1	.6	35.7	.1	36.3	5.1	.1	.6		5.8	7174

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4
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

71200
STATION

COLD LAKE APT CN
STATION NAME

73-87

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS OBS	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OBS
FEB	00-02		.1	.1	28.9		29.0	2.3	.1	.5		3.0	818
	03-05		1.1	.5	31.1		32.6	5.1	.5	.5		6.1	817
	06-08			.6	30.9	.1	31.5	7.1		.4		7.5	802
	09-11			.5	32.1		32.6	7.7	.7	.7		9.2	806
	12-14		.6	.2	26.2		26.7	1.1		.5		1.6	820
	15-17		.8	.2	19.8		20.5	.2	.2			.4	33
	18-20				23.2		23.2	.4		.3		.5	797
	21-23			.5	24.0		24.1	1.2	.1	.1		1.5	825
TOTALS			.3	.3	27.0	.1	27.5	3.1	.2	.4		3.8	6513

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 12 53 STATION COLD LAKE APT CN STATION NAME 73-82 YEARS MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-31		.3	.1	20.2		20.4	.9				.9	907
	03-05	.1	.7	.3	22.5		22.9	3.9	.2	.2		4.4	917
	06-08		.7	.7	21.3	.1	22.2	6.0				6.0	896
	09-11		.3	.8	21.3		21.9	3.0	.2			3.2	903
	12-14		.1	.1	15.7	.1	15.9	.7		.1		.8	902
	15-17		.6		12.9		13.7	.1		.4		.6	906
	18-20		.8	.1	13.9	.1	14.7	.4		.3		.8	895
	21-23		.4	.1	14.9		15.1	.7	.2			.9	906
TOTALS		.0	.5	.3	17.8	.0	18.4	2.0	.1	.1		2.2	7232

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1
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7.12.00
STATIONCOLD LAKE APT CN
STATION NAME

73-82

YEARS

APR
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
APR	00-02		3.3		10.7		13.9	2.2	.7			2.9	859
	03-05		4.2		11.0		15.0	3.7	.5	.3		4.5	864
	06-08		4.0	.2	12.0	.1	16.1	3.0	.6	.2		3.9	857
	09-11		3.3		9.8		12.7	1.6	.8	.1		2.6	856
	12-14		4.7		8.4	.2	12.9	1.4		.2		1.6	867
	15-17		5.9		6.3	.1	11.4	1.7	.6	.2		2.5	885
	18-20		5.1		6.4		10.8	2.5	.1			2.7	863
	21-23	.2	5.4		8.0		12.9	2.4	1.1			3.6	873
TOTALS		.0	4.5	.0	9.1	.1	13.2	2.3	.6	.1		3.0	6924

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7:1200 STATION COLD LAKE APT CN STATION NAME 73-82 YEARS MAY 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
MAY	00-02	.3	9.7		2.1		11.8	3.2	1.3			4.5	957
	03-05	.1	9.3		1.6		10.9	7.1	1.0			8.1	952
	06-08		9.6		2.7		12.2	6.3	1.6	.1		8.0	882
	09-11		10.6		2.3		12.9	2.3	2.3		.1	4.7	894
	12-14	.9	11.9		1.9	.1	13.8	1.1	1.0		.2	2.4	893
	15-17	1.0	11.6		1.6		13.1	.9	1.9			2.7	915
	18-20	.7	9.8		1.2	.1	11.0	.9	.7			1.6	897
	21-23	.2	7.5		1.0	.1	8.5	1.9	2.3			4.2	903
TOTALS		.4	10.0		1.8	.0	11.8	3.0	1.5	.0	.0	4.5	7193

ORIGINAL DATA RECORDED IN SYNOPTIC CODE



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

WEATHER CONDITIONS

7:12 00
STATIONCOLD LAKE APT CN
STATION NAME

73-82

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	00-02	.8	9.2				9.2	3.9	.4			3.9	838
	03-05	.6	11.5				11.5	12.2	.5			12.4	842
	06-08	.9	12.4				12.4	4.6	.5		.1	5.1	946
	09-11	1.5	11.9				11.9	2.3	.4			2.6	841
	12-14	1.5	14.5			.2	14.5	2.5				2.5	827
	15-17	1.2	12.1				12.1	1.3	.4			1.7	835
	18-20	2.7	10.4			.1	10.4	1.5	.1			1.6	823
	21-23	2.1	9.8				9.8	2.0	.4			2.1	850
TOTALS		1.4	11.5			.0	11.5	3.0	.3		.0	4.0	6702

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

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2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

71200 STATION COLD LAKE APT CN STATION NAME 73-82 YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02	2.8	8.9			.1	8.9	3.6	.3			4.0	886
	03-05	.9	8.1				8.1	16.0	.1			16.0	888
	06-08	.1	9.4				9.4	6.9	.6			7.3	872
	09-11	.2	8.9				8.9	2.1	1.6			3.7	873
	12-14	2.0	9.7				9.7	1.6	.5			2.1	864
	15-17	3.4	10.4				10.4	.9	1.5			2.4	881
	18-20	2.4	7.5				7.5	1.0	.2			1.3	862
	21-23	3.1	8.2				8.2	2.1	.4			2.6	889
TOTALS		1.9	8.9			.0	8.9	4.3	.7			4.9	7015

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JULY 64

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

711203 STATION COLD LAKE APT CN STATION NAME 73-82 YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR (LST.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
AUG	00-02	1.6	8.8				8.8	4.6	1.2			5.1	899
	03-05	1.7	10.2				10.2	13.2	1.8			14.4	909
	06-08	.8	12.8				12.8	9.8	1.8			12.9	895
	09-11	.1	10.4			.1	10.4	4.0	3.4			7.1	902
	12-14	1.8	13.0				13.0	1.8	2.3			3.7	888
	15-17	3.3	11.8			.1	11.8	1.7	2.7			4.2	898
	18-20	2.3	10.5				10.5	2.3	1.5			3.5	880
	21-23	2.3	9.5				9.5	4.1	2.8			6.1	905
TOTALS		1.7	10.9			.2	10.9	5.2	2.2			6.9	7176

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

0
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7:1230
STATION

COLD LAKE APT CN
STATION NAME

73-82

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-02	.9	10.4		1.1		11.5	5.6	1.4			6.6	882
	03-05	.5	10.8		1.1		11.9	8.9	1.2			10.2	883
	06-08		12.7		.8		13.3	11.0	1.1			12.0	849
	09-11		13.1		1.5	.1	14.0	6.2	1.7			7.9	881
	12-14		11.6		.9	.1	12.0	3.7	.9			4.3	867
	15-17	.5	11.9		.8		12.2	3.8	.8			4.6	875
	18-20	.5	11.1		1.2		11.8	3.5	.7			4.1	868
	21-23	.3	11.9		1.2		12.8	4.2	1.0			5.2	883
TOTALS		.3	11.7		1.1	.0	12.4	5.9	1.1			6.9	6988

ORIGINAL DATA RECORDED IN SYNOPTIC CODE



1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7:12.0
STATION

COLD LAKE APT CN
STATION NAME

73-82

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HALE	% 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		4.3		3.9		7.8	2.4				2.4	899
	03-05		5.2	.2	5.1		10.2	4.6				4.6	905
	06-08		4.8	.3	5.6		10.3	5.2				5.2	892
	09-11		5.6	.1	6.5		11.7	4.1	.1			4.2	904
	12-14		3.6		4.4		7.6	1.1				1.1	909
	15-17		4.2	.1	4.0	.1	7.8	.7	.2			.9	925
	18-20		3.2		3.7		6.9	1.0				1.0	909
	21-23		4.8		3.8		8.5	1.8				1.8	913
TOTALS													
			4.8	.1	4.6	.1	8.9	2.6	.2			2.7	7236

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7:1200
STATION

COLD LAKE APT CN
STATION NAME

73-82

YEARS

NGV
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
NGV	00-02		.1	1.3	18.6		19.8	5.2				5.2	879
	03-05		.6	1.2	21.4		22.8	5.6	.3	.2		6.1	882
	06-08		.2	1.3	21.1		22.4	7.0				7.0	872
	09-11		.8	1.6	23.6		25.4	7.1	.3			7.4	874
	12-14		.7	.9	20.9		22.2	5.0	.1			5.1	874
	15-17		.8	1.8	16.3		18.3	4.1	.3			4.4	883
	18-20		1.3	2.5	17.6		20.2	5.4				5.4	866
	21-23		.9	1.9	18.5		20.7	6.0				6.0	888
TOTALS													
			.7	1.6	19.8		21.5	5.7	.1	.0		5.8	7017

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 ATR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7:12:00 STATION COLD LAKE APT CN 73-82 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-02		.3	.6	38.4		39.3	5.5		.4		6.4	926
	03-05		.5	.4	37.4		38.0	5.6	.1	.3		6.0	911
	06-08		.4	1.6	35.3		36.8	8.1		.5		8.7	911
	09-11		.4	1.4	35.0	.1	36.1	12.1	.1	.3		12.5	898
	12-14		.1	.1	35.5		35.6	5.9				5.9	898
	15-17		.3	.7	28.3		28.7	5.0		.2		5.2	929
	18-20		.6	.3	31.3		31.9	3.4	.1	.1		3.5	904
	21-23		.2	.7	36.1	.1	36.5	4.3		.2		4.5	909
TOTALS			.4	.7	34.7	.2	35.4	6.2	.2	.3		6.5	7246

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7.1250 COLD LAKE APT CN 73-82 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS 1 ST	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	.6	35.7	.1	36.3	5.1	.1	.6		5.8	7174
FEB			.3	.3	27.0	.0	27.5	3.1	.2	.4		3.8	6513
MAR		.0	.5	.3	17.8	.0	18.4	2.0	.1	.1		2.2	7232
APR		.0	4.5	.0	9.1	.1	13.2	2.3	.6	.1		3.0	6924
MAY		.4	10.0		1.8	.0	11.8	3.0	1.5	.0	.0	4.5	7193
JUN		1.4	11.5			.0	11.5	3.8	.3		.0	4.0	6702
JUL		1.9	8.9			.0	8.9	4.3	.7			4.9	7715
AUG		1.7	10.9			.0	10.9	5.2	2.2			6.9	7176
SEP		.3	11.7		1.1	.0	12.4	5.9	1.1			6.9	6988
OCT			4.4	.1	4.6	.0	8.9	2.6	.0			2.7	7236
NOV			.7	1.6	19.8		21.5	5.7	.1	.0		5.8	7017
DEC			.4	.7	34.7	.0	35.4	6.2	.0	.3		6.5	7246
TOTALS		.5	5.3	.3	12.6	.0	18.1	4.1	.6	.1	.0	4.8	84416

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

XX WEATHER CONDITIONS
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 ATMOSPHERIC PHENOMENA

7.1200 COLD LAKE APT ON 73-82 ALL
 STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM DAILY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH VIS TO VIS ON	TOTAL NO. OF OBS
JAN	DAILY		0.5	5.8	77.1	2.3	79.0	24.8	1.0	3.9		26.7	310
FEB			5.7	3.2	65.2	.4	67.4	17.4	4.3	3.2		23.8	282
MAR		.3	6.8	3.2	51.9	.3	53.5	12.3	1.7	1.3		14.5	310
APR		.3	23.0	.3	30.7	.7	46.0	12.3	4.7	.7		17.7	370
MAY		7.1	46.5		5.5	.6	49.7	16.1	8.7	.3		24.9	310
JUN		18.0	55.3			1.0	55.3	23.0	2.4			21.4	295
JUL		22.3	51.1			.3	51.1	27.2	6.6			31.5	325
AUG		19.7	55.8			.6	55.8	25.8	8.1			31.3	310
SEP		4.0	44.7		5.0	.7	46.0	26.7	3.7			29.3	300
OCT			30.3	.6	19.0		42.3	13.5	1.0			14.5	310
NOV			15.3	9.0	52.3		55.7	20.0	3.0	.3		23.0	300
DEC			9.7	7.7	75.8	.6	77.1	26.1	1.0	2.6		28.4	310
TOTALS		6.0	29.2	2.5	31.9	.6	56.6	20.2	3.9	1.0		24.3	3642

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

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

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

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

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

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

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

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

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

U.S. AIR FORCE WEATHER SERVICE
 WIND
 WIND DATA SERVICE/FAO

SURFACE WINDS

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

STATION LAKE CHARLES, LA YEAR 1954 MONTH 1
 STATION NAME LAKE CHARLES, LA CLASS ALL WEATHER HOUR (LST) 0000
 CONDITION

SPEED KNTS. DIR.	1-3	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	0	0	0	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0	0	0	0	0	0	0
VARBL	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS 0

STATION NAME: ...
 STATION NUMBER: ...

SURFACE WINDS

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

STATION: _____ STATION NAME: _____ YEARS: _____ MONTH: _____
 CLASS: _____ 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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

ALL WEATHER SERVICE
 WEATHER SERVICE

SURFACE WINDS

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

STATION: S. C. LAKE APT. CV STATION NAME: 73-84 YEARS: _____ MONTH: _____

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

CONDITION: _____

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1	2	1									1.7
NNE		1	1	1									1.7
NE		1	1	1									1.7
ENE		1	1	1									1.7
E		1	1	1									1.7
ESE		1	1	1									1.7
SE		1	1	1									1.7
SSE		1	1	1									1.7
S		1	1	1									1.7
SSW		1	1	1									1.7
SW		1	1	1									1.7
WSW		1	1	1									1.7
W		1	1	1									1.7
WNW		1	1	1									1.7
NW		1	1	1									1.7
NNW		1	1	1									1.7
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS: 9

SURFACE WINDS

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

STATION: LAKE ARICA STATION NAME: LAKE ARICA YEARS: 1951-52 MONTH: 1951

CLASS: ALL HOUR (L.S.T.): 0000

CONDITION:

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBI													
CALM													
TOTAL	27	13	5	1	1	7							

TOTAL NUMBER OF OBSERVATIONS 3

WIND CLIMATE DIVISION
 WIND DATA SERVICE/AC

SURFACE WINDS

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

STATION WILLIAMS AFB TX STATION NAME WILLIAMS AFB TX YEARS 73-80 MONTH ALL

CLASS ALL WATERS HOURS (LST) ALL

CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	0.0	0.0	1.3	1.2	0.1							0.0	0.0
NNE	0.0	1.0	1.0	1.1								0.0	0.0
NE	0.0	1.0	0.7	0.3								0.0	0.0
ENE	1.0	0.3	0.0									0.0	0.0
E	1.0	3.0	3.2	1.1	0.1							0.0	0.7
ESE	1.0	1.0	1.0									0.0	0.0
SE	0.2	1.0	0.2	0.2								0.0	0.0
SSE	0.2	1.0	0.1	0.1								0.0	0.0
S	1.7	1.0	0.1									0.0	0.0
SSW	0.6	0.2	0.3	0.1								0.0	0.0
SW	1.0	2.4	1.7	0.3								0.0	0.0
WSW	0.2	1.4	4.6	0.2	0.1							0.0	0.0
W	1.0	1.0	3.7	1.9	0.1							0.0	0.0
WNW	0.1	0.0	0.1	0.2	0.0	0.0						0.0	0.0
NW	0.1	1.0	2.4	1.7	0.3	0.0						0.0	0.0
NNW	0.0	0.0	0.1	0.4	0.3							0.0	0.0
VARBL												0.0	0.0
CALM												0.0	0.0
TOTAL	10.0	10.0	10.0	11.8	1.7	0.0						0.0	0.0

TOTAL NUMBER OF OBSERVATIONS 82

REPORT MADE AT
 STATION
 DATE

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 CALL NO. _____
 CLASS _____
 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	.4	1.1	1.1	.8								.4	
NNE	.4	1.3	.5	.1									
NE	1.2	1.2	1.2										
ENE	.2	3.1	1.4	.3									
E	.5	.5	3.5	.7									
ESE	.5	2.7	1.2	.1									
SE	.2	.7	.1	.5									
SSE	.7		.1	.1									
S	.1	1.5	.7										
SSW	.5	1.2	.7										
SW	.3	.3	1.8	.2									
WSW	1.7	4.5	4.7	.7									
W	1.4	3.2	4.4	1.5	.4								
WNW	1.3	1.1	1.2	1.5	.2	.2							
NW	.6	1.5	1.1	1.5	.6	.1							
NNW	.7	.2	.5	.5									
VARBL													
CALM													
	19.5	34.1	42.0	11.2	1.2	.3							

TOTAL NUMBER OF OBSERVATIONS _____

NATIONAL CLIMATOLOGY SERVICE
 WEATHER SERVICE/FAO

SURFACE WINDS

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

STATION S. LAKE APIC STATION NAME 13-54 YEARS 01
 CLASS ALL WEATHER MONTH
 CONDITION HOUR (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	.0	1.6	1.6									1.6	1.6
NNE	.0	.7	.0									.7	1.6
NE	.0	1.6	1.6	.1								1.6	1.6
ENE	1.6	1.6	.0									1.6	1.6
E	1.6	4.2	2.4	.9	.2							1.6	1.6
ESE	1.6	2.4	1.6	.2								1.6	1.6
SE	.0	1.6	.2									1.6	1.6
SSE	.7	.0	.0									.7	1.6
S	1.6	2.4	.0	.1								1.6	1.6
SSW	1.6	.0	.0	.1								1.6	1.6
SW	1.6	1.6	1.6	.2								1.6	1.6
WSW	1.6	4.2	4.2	.3								1.6	1.6
W	2.4	2.4	5.2	2.7	.7							1.6	1.6
WNW	1.6	1.6	1.1	.4	.2							1.6	1.6
NW	1.6	1.6	1.6	.7	.1							1.6	1.6
NNW	1.6	.4	1.6	.2								1.6	1.6
VARBL													
CALM													
	1.7	3.1	5.6	6.7	.7								

TOTAL NUMBER OF OBSERVATIONS 01

UNITED STATES AIR FORCE
 OFFICE OF THE ADJUTANT GENERAL

SURFACE WINDS

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

STATION WALL LAKE AFB, MO STATION NAME WALL LAKE AFB, MO YEARS 1953 MONTH ALL

CLAS ALL WEATHER

CONDITION CLAS

MOUSE (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	.0	1.0	.0	.3								.3	
NNE	.0	1.0	1.0	.3								2.3	
NE	.0	1.0	1.0	.3								2.3	
ENE	1.1	2.1	.0	.1								3.3	
E	.0	3.6	2.6	.6								6.8	
ESE	1.0	2.0	1.0	.4								4.4	
SE	1.0	2.6	1.1									4.7	
SSE	.0	.0	.0									.0	
S	1.5	1.0	.0	.1								2.6	
SSW	1.0	1.0	.4									2.4	
SW	.1	1.3	.0	.1								1.5	
WSW	3.5	2.5	3.8	.9								10.7	
W	.1	4.3	2.9	.0	.1							7.4	
WNW	1.5	1.0	.5	1.0	.0							4.0	
NW	1.3	1.3	.2	1.5	.1							4.4	
NNW	.0	1.1	1.0	.6	.0							2.7	
VARBL													
CALM													
	1.0	31.4	22.0	1.0	.7							67.8	

TOTAL NUMBER OF OBSERVATIONS

WIND CLIMATE DATA
 WIND
 WEATHER SERVICE ZHAC

SURFACE WINDS

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

STATION WIND LAKE APT C STATION NAME 73-42 YEARS 1951 MONTH ALL

CLASS ALL WEATHER HOURS (L S T) ALL

CONDITION _____

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.0	1.0	.4	.							.3	1.0
NNE	.	1.0	1.0	.3	.							.3	1.0
NE	.7	1.0	1.0	.3	.							.3	1.0
ENE	.	1.0	1.0	.1	.							.1	1.0
E	.7	1.0	1.0	.4	.							.3	1.0
ESE	.7	1.0	1.0	.7	.							.3	1.0
SE	.7	1.0	1.0	.1	.							.1	1.0
SSE	.7	1.0	1.0	.1	.							.1	1.0
S	.7	1.0	1.0	.1	.							.1	1.0
SSW	.7	1.0	1.0	.1	.							.1	1.0
SW	.7	1.0	1.0	.2	.							.1	1.0
WSW	.7	1.0	1.0	.6	.							.1	1.0
W	.7	1.0	1.0	.1	.							.1	1.0
WNW	.7	1.0	1.0	.1	.							.1	1.0
NW	.7	1.0	1.0	.1	.							.1	1.0
NNW	.7	1.0	1.0	.1	.							.1	1.0
VARBL													
CAIM													

TOTAL NUMBER OF OBSERVATIONS 14

U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 WASHINGTON, D.C. 20541

SURFACE WINDS

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

STATION WILD LAKES APT. C STATION NAME WILD LAKES APT. C YEARS 1981-1982 MONTH ALL MONTHS
 CLIM CLIM HOURS (L.S.T.) 0000-2300
 CONDITION CLIM

SPEED KNTS: DIR	1-3	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	.5	.7								.5	1.0
NNE	.1	1.2	1.3	.6								.6	1.0
NE	1.1	2.1	2.9	.7								2.2	1.0
ENE	1.0	1.5	1.6	.5	.1							.8	1.0
E	1.1	3.1	4.2	1.1								1.8	1.0
ESE	1.2	2.1	2.4	.5								.8	1.0
SE	.7	1.1	.3	.1								.4	1.0
SSE	1.2	1.5										.7	1.0
S	.7	.5	.4									.2	1.0
SSW	1.1	1.2										.2	1.0
SW	1.5	1.5	.5									.7	1.0
WSW	1.1	4.3	2.4	.5								1.3	1.0
W	.2	2.7	2.7	1.6	.1							1.3	1.0
WNW	.7	1.6	1.5	.5	.1	.4						.4	1.0
NW	.1	1.7	.2	.4	.1	.1						.3	1.0
NNW	.1	.1	.1	.1								.1	1.0
VARBL													1.0
CALM												1.9	1.0
TOTAL	7	24.5	2.5	.6	.5	.7						1.9	1.0

TOTAL NUMBER OF OBSERVATIONS

ALBUQUERQUE AIR FORCE BASE
 ALBUQUERQUE, N.M.
 METEOROLOGICAL SERVICE AC

SURFACE WINDS

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

STATION: ALBUQUERQUE AIR FORCE BASE YEARS: 1950-1951 MONTH: ALL MONTHS

STATION NAME: ALBUQUERQUE AIR FORCE BASE CLASS: ALL MONTHS HOUR (L.S.T.): ALL MONTHS

CONDITION: ALL MONTHS

SPEED KNTS DIR	1-3	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	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VARBL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION NAME: ALLIANT CLASS: ALLIANT YEARS: 1951-52 MONTH: ALL

STATION: 1000 STATION NAME: ALLIANT YEARS: 1951-52 MONTH: ALL

CLASS: ALLIANT MONTH: ALL

CONDITION:

SPEED KNTS: DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6		.3	.6								.3	
NNE	1.3	1.5	1.4	.3								.3	
NE	1.6	2.4	1.6	.9								.3	
ENE	1.2	3.4	1.7	.1								.3	
E	1.1	1.1	4.3	1.2								.3	
ESE	1.1	2.2	1.3	.6	.1							.3	
SE	.2	1.1	.6	.1								.3	
SSE	.2	.4										.3	
S	.2	.4										.3	
SSW	.4	1.1	.4	.1								.3	
SW	1.1	1.5	.5									.3	
WSW	.3	1.3	3.6	.6								.3	
W	.1	2.2	4.5	.1								.3	
WNW	.1	1.2	1.2	.4	.3							.3	
NW	.4		2.4	.5	.1							.3	
NNW	.1	.5	1.2	.6								.3	
VARBL												.3	
CALM												.3	
		27.4	23.3	7.9	.3							.3	

TOTAL NUMBER OF OBSERVATIONS: 717

NO. 107-PA-1, EDITION 1-1958
 GPO : 1958 O - 510-774-0

SURFACE WINDS

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

STATION LAKE CHARLES, LA. STATION NAME LAKE CHARLES, LA. YEARS 1958 MONTH ALL
 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	0	0	0	0	0	0	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0	0	0	0	0	0	0
VARBL	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

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

STATION NAME _____ YEARS _____ MONTH _____
 CLASS _____ HOURS (L & T) _____
 CONDITION _____

SPEED KNOTS D.R.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 OFFICE OF NAUTICAL SERVICES

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

SURFACE WINDS

STATION NAME LAKE CHARLES YEARS 1950-51 MONTH ALL MONTHS
 CLASS ALL MONTHS HOURS 24
 CONDITION _____

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
N-E													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

NOTE: ALL SPEEDS AND DIRECTIONS IN THIS FORM ARE OBSERVED

SURFACE WINDS

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

STATION NAME: LAKE ABILENE YEARS: 1951-1952 MONTH: NOVEMBER

CLASS: ALL MONTH (L.S.Y.): NOVEMBER

CONDITION: _____

SPEED KNT'S D.R.	0-3	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									2
NNE													
NE		1	1	1									
ENE		2	1	1									
E	1	1	1	1									
ESE													
SE													
SSE													
S													
SSW													
SW	1	1	1	1									
WSW													
W		1	1	1	1								
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS: _____

U.S. DEPARTMENT OF COMMERCE
 NATIONAL CENTER FOR ENVIRONMENTAL DATA
 WASHINGTON, D.C. 20540

SURFACE WINDS

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

STATION 200 LAKES APIC STATION NAME 17-5 YEARS 1950-1951 MONTH 12

CLASS ALL WEATHER HOUR 1800

CONDITION

SPEED KNTS DIR	1 - 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	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VARBL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS

U.S. DEPARTMENT OF COMMERCE
 NATIONAL CENTER FOR ENVIRONMENTAL DATA
 WASHINGTON, D.C. 20540
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
 T. 1
 1954-1955

SURFACE WINDS

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

STATION W. L. L. A. A. P. I. C. Y. STATION NAME W. L. L. A. A. P. I. C. Y. YEARS 54-55 MONTH 1
 CLASS 1 HOUR (L.S.T.) 1
 CONDITION _____

SPEED KNTS) DIR.	1 - 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	1	0	0	0	0	0	0	0	0	0	0
NNE	0	1	1	0	0	0	0	0	0	0	0	0	0
NE	0	1	1	0	0	0	0	0	0	0	0	0	0
ENE	0	1	1	0	0	0	0	0	0	0	0	0	0
E	0	1	1	0	0	0	0	0	0	0	0	0	0
ESE	0	1	1	0	0	0	0	0	0	0	0	0	0
SE	0	1	1	0	0	0	0	0	0	0	0	0	0
SSE	0	1	1	0	0	0	0	0	0	0	0	0	0
S	0	1	1	0	0	0	0	0	0	0	0	0	0
SSW	0	1	1	0	0	0	0	0	0	0	0	0	0
SW	0	1	1	0	0	0	0	0	0	0	0	0	0
WSW	0	1	1	0	0	0	0	0	0	0	0	0	0
W	0	1	1	0	0	0	0	0	0	0	0	0	0
WNW	0	1	1	0	0	0	0	0	0	0	0	0	0
NW	0	1	1	0	0	0	0	0	0	0	0	0	0
NNW	0	1	1	0	0	0	0	0	0	0	0	0	0
VARBL	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS 100

T

NATIONAL METEOROLOGICAL SERVICE
 WASHINGTON, D.C. 20541

SURFACE WINDS

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

STATION: WOOD LAKE, LAKE CHARLES STATION NAME: WOOD LAKE, LAKE CHARLES YEARS: 75-82 MONTH: ALL MONTHS
 CLASS: ALL WEATHER HOURS (L.S.T.): ALL
 CONDITION: ALL

SPEED KNTS: DIR.	1-3	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	1.0	1.0	1.0								
NNE	1.0	1.0	1.0	1.0	1.0								
NE	1.0	1.0	1.0	1.0	1.0								
ENE	1.0	1.0	1.0	1.0	1.0								
E	1.0	1.0	1.0	1.0	1.0								
ESE	1.0	1.0	1.0	1.0	1.0								
SE	1.0	1.0	1.0	1.0	1.0								
SSE	1.0	1.0	1.0	1.0	1.0								
S	1.0	1.0	1.0	1.0	1.0								
SSW	1.0	1.0	1.0	1.0	1.0								
SW	1.0	1.0	1.0	1.0	1.0								
WSW	1.0	1.0	1.0	1.0	1.0								
W	1.0	1.0	1.0	1.0	1.0								
WNW	1.0	1.0	1.0	1.0	1.0								
NW	1.0	1.0	1.0	1.0	1.0								
NNW	1.0	1.0	1.0	1.0	1.0								
VARBL	1.0	1.0	1.0	1.0	1.0								
CALM	1.0	1.0	1.0	1.0	1.0								

TOTAL NUMBER OF OBSERVATIONS _____

UNSAFE TO REPRODUCE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. DEPARTMENT OF COMMERCE
 NATIONAL CENTER FOR ENVIRONMENTAL DATA

SURFACE WINDS

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

STATION LAKE APIC STATION NAME LAKE APIC YEAR 1964 MONTH 12

ALL WEATHER CLASS

NOV 1963 - 12 1964

CONDITION

SPEED KNTS. DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.3	.4								.1	.2
NNE	.3	1.1	1.4	.5								.1	.2
NE	.1	2.1	2.1	.1								.1	.2
ENE	.1	.3	.1	.4								.1	.2
E	.1	4.1	4.1	1.2								.1	.2
ESE	.4	1.3	.2	.5								.1	.2
SE	.1	1.1	.5	.3	.1							.1	.2
SSE	.6	1.2	.7									.1	.2
S	.2	1.2	.5	.1								.1	.2
SSW	.4		.7									.1	.2
SW	.7	.1	.4	.1								.1	.2
WSW	.3	2.1	1.2	.2								.1	.2
W	.3	2.1	1.7	.3								.1	.2
WNW	.3	2.3	.1									.1	.2
NW	.5	1.2	.2	.1								.1	.2
NNW	.3	.2	1.1	.3								.1	.2
VARBL													
CALM													
	2.4	26.3	30.7	6.2	.1								

TOTAL NUMBER OF OBSERVATIONS

U.S. DEPARTMENT OF COMMERCE
 NATIONAL CENTER FOR ENVIRONMENTAL DATA
 OFFICE OF METEOROLOGY

SURFACE WINDS

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

STATION WALLAWA APT. CO. YEAR 1961

STATION NAME WALLAWA APT. CO. CLASS ALL WEATHER MONTH

CONDITION HOURS (L.G.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	0.6	0.1	0.1								0.4	0.1
NNE	1.0	1.0	0.1	0.1								0.4	0.1
NE	1.0	1.0	0.7	0.7								0.4	0.1
ENE	0.1	1.0	0.7	0.4								0.4	0.1
E	1.0	0.7	0.1	0.1	0.1							0.4	0.1
ESE	1.0	0.7	0.1	0.1	0.1							0.4	0.1
SE	1.0	0.7	0.1	0.1	0.1							0.4	0.1
SSE	1.0	1.0										0.4	0.1
S	1.0	0.1	1.0	0.1								0.4	0.1
SSW	1.0	0.1	0.7									0.4	0.1
SW	1.0	0.1	0.1	0.1								0.4	0.1
WSW	1.0	0.1	0.1	0.1								0.4	0.1
W	1.0	0.1	0.1	0.1	0.1							0.4	0.1
WNW	1.0	1.0	1.0									0.4	0.1
NW	1.0	1.0	0.6	0.1								0.4	0.1
NNW	1.0	1.0	0.1	0.1								0.4	0.1
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

10-10-54
 10-10-54
 10-10-54

SURFACE WINDS

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

STATION WILLIAMS FIELD STATION NAME WILLIAMS FIELD YEARS 17-20 MONTH ALL MONTHS

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

CONDITION ALL MONTHS

SPEED KNTS D.R.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.2	1.1	.4									
NNE		1.0	1.7	.6									
NE		1.1	2.7	.4									
ENE		1.1	1.4										
E	1.2	1.3	5.5	2.1									
ESE		2.1	1.1	.4									
SE	1.2	1.2	.7	.1	.2								
SSE		1.2	.4	.1									
S	1.1	1.1	2.3	.1	.1	.2							
SSW	1.2	1.1	.2	.2									
SW	1.1	1.1	2.1	.3									
WSW	1.1	2.1	3.5	.8	.1								
W	1.1	1.1	2.4	.8	.2								
WNW	.2	1.1	1.4	.3									
NW	1.1	1.1	2.1	.2									
NNW	.2	.2	1.2	.7									
VARBL													
CALM													
	28	31	59	15	12								

TOTAL NUMBER OF OBSERVATIONS

U.S. DEPARTMENT OF COMMERCE
 NATIONAL METEOROLOGICAL SERVICE
 WASHINGTON, D. C.

SURFACE WINDS

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

STATION: LE LAKE APT C CLASS: ALL - A1 C1 YEARS: 7 - 0 MONTH: 7 HOUR: 12

STATION NAME: LE LAKE APT C CLASS: ALL - A1 C1 YEARS: 7 - 0 MONTH: 7 HOUR: 12

CONDITION: _____

SPEED KNTS DIR	1 - 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	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	1.0	1.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	1.0	1.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	1.0	1.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	2.1	4.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.7	1.0	2.0	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0
SE	.7	.3	.3	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.7	.7	1.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
S	1.1	3.1	2.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	1.0	1.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	3.0	4.1	1.7	.1	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.7	2.3	3.7	1.6	.1	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	1.4	2.1	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	1.2	1.2	1.9	.2	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	1.2	1.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.2	.7	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

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

STATION: LAKE API CA STATION NAME: LAKE API CA YEARS: 1951-52 MONTH: ALL MONTHS NORTH: 100
 CLASS: ALL MONTHS HOURS (L.S.T.): ALL
 CONDITION: ALL

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N			1.2	.9	.1								
NNE		1.1	1.2	.6									
NE			2.1	.2									
ENE				.2									
E		2.1	4.6	.3	.2								
ESE				1.1									
SE			1.7	.1	.1								
SSE				.1	.1								
S		3.1	4.6	1.1									
SSW		3.1	1.1	1.1									
SW		3.1	1.1	.2									
WSW		1.2	5.2	1.1	.1								
W			2.1	1.7	.3								
WNW				1.1	.1								
NW			1.3	1.2	.6								
NNW			1.1	.1	.2								
VARBL													
CALM													
	7.2	14.7	11.6	3.6	2.4								

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
 WIND
 DATA SERVICE CARD

SURFACE WINDS

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

STATION: LAKE ART C YEAR: 1954
 MONTH: 1
 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	0	0	0	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0
NE	0	1	0	0	0	0	0	0	0	0	0	0	0
ENE	0	1	0	0	0	0	0	0	0	0	0	0	0
E	0	4	0	0	0	0	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0
SE	0	1	1	0	0	0	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0	0	0	0	0	0	0
VARBL	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS

ALBUQUERQUE, N.M.
 11
 FORT BRAGG, N.M.

SURFACE WINDS

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

STATION WILLIAMS AFB STATION NAME WILLIAMS AFB YEARS 77-81 MONTH ALL
 CLASS ALL HOURS (L & T) ALL
 CONDITION _____

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.1	1.1	2.0								1.1	
NNE		1.1	2.0	2.0								1.1	
NE		1.1	1.1	1.1	1.1							1.1	
ENE		1.1	1.1	1.1								1.1	
E		1.1	1.1	1.1	1.1							1.1	
ESE	1.1	1.1	1.1	1.1	1.1							1.1	
SE	1.1	1.1	1.1	1.1	1.1	1.1						1.1	
SSE	1.1	1.1	1.1	1.1	1.1	1.1						1.1	
S	1.1	1.1	1.1	1.1	1.1	1.1	1.1					1.1	
SSW	1.1	1.1	1.1	1.1	1.1	1.1	1.1					1.1	
SW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1				1.1	
WSW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1			1.1	
W	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1		1.1	
WNW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
NW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
NNW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

U.S. DEPARTMENT OF COMMERCE
 NATIONAL CENTER FOR ENVIRONMENTAL DATA

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

SURFACE WINDS

STATION _____ STATION NAME _____ YEAR _____ MONTH _____
 CLASS _____ HOUR _____
 CONDITION _____

SPEED DIRECTION	0-4	4-7	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
N													
NNE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

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

STATION NAME _____ YEARS _____ MONTH _____
 CLASS _____ HOURS (L & T) _____
 CONDITION _____

SPEED KNOT DIR	3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	▲	▲	▲	▲	▲								
NNE	▲	▲	▲	▲	▲								
NE	▲	▲	▲	▲	▲								
ENE	▲	▲	▲	▲	▲								
E	▲	▲	▲	▲	▲								
ESE	▲	▲	▲	▲	▲								
SE	▲	▲	▲	▲	▲								
S	▲	▲	▲	▲	▲								
SSW	▲	▲	▲	▲	▲								
SW	▲	▲	▲	▲	▲								
WSW	▲	▲	▲	▲	▲								
W	▲	▲	▲	▲	▲								
WNW	▲	▲	▲	▲	▲								
NW	▲	▲	▲	▲	▲								
NNW	▲	▲	▲	▲	▲								
VARBL	▲	▲	▲	▲	▲								
ALM	▲	▲	▲	▲	▲								

TOTAL NUMBER OF OBSERVATIONS _____

ALL DATA ARE SUBJECT TO REVISION

U.S. DEPARTMENT OF COMMERCE
 NATIONAL METEOROLOGICAL SERVICE

SURFACE WINDS

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

STATION NAME: EL PASO YEARS: 1951-1952 MONTH: _____
 CLASS: ALL HOUR: _____
 CONDITION: _____

SPEED KNT D R	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS: _____

SAFETY: THIS FORM AND ITS PREVIOUS EDITIONS ARE OBSOLETE

SURFACE WINDS

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

STATION NAME: San Antonio CLASS: General YEARS: 1951-52 MONTH: June
STATION: 4469 HOURS LLST: 0000-2300
CONDITION: Open

SPEED KNTS DIR	1-3	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	0	0	0	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0	0	0	0	0	0	0
VARBL	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS

CLASSIFICATION: 1-10 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. DEPARTMENT OF COMMERCE
 NATIONAL CENTER FOR ENVIRONMENTAL DATA

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

SURFACE WINDS

STATION LAKE API CA STATION NAME LAKE API CA YEARS 73-94 MONTH _____
 CLASS ALL WEATHER HOURS (L & T) _____
 CONDITION _____

SPEED KMPH DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

UNLESS OTHERWISE SPECIFIED, ALL DATA ARE FROM THE ORIGINAL RECORDS OF THIS FORM ARE OBSOLETE

STATION NAME: GLENN LAKE, MISSOURI
 STATION NUMBER: 300730

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

SURFACE WINDS

STATION NAME: GLENN LAKE, MISSOURI STATION NUMBER: 300730 YEARS: 1953-54 MONTH: ALL MONTHS

CLASS: ALL WEATHER 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	0	0	0	0	0	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0	0	0	0	0	0	0
VARBL	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS

U.S. DEPARTMENT OF COMMERCE
 NATIONAL WEATHER SERVICE

SURFACE WINDS

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

STATION W. LAKE APT. 01 STATION NAME W. LAKE APT. 01 YEAR 1960 MONTH 12
 CLASS ALL WEATHER
 HOURS (L.S.T.) 0000-2359
 CONDITION

SPEED ANTN DIR	1-3	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VARBL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS 100

NO. 10-100-10-1-10-1
 10-100-10-1-10-1
 10-100-10-1-10-1

SURFACE WINDS

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

STATION 10-100-10-1-10-1 STATION NAME 10-100-10-1-10-1 YEARS 10-100-10-1-10-1 MONTH 10-100-10-1-10-1

CLASS ALL WEATHER

CONDITION 10-100-10-1-10-1

HOURE (L S T) 10-100-10-1-10-1

SPEED KNTS DIR	1 - 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	2.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	1.0
NNE	.0	1.0	1.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	1.0
NE	.0	2.0	1.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	1.0
ENE	.0	2.0	1.6	1.7	.0	.0	.0	.0	.0	.0	.0	.0	1.0
E	.0	1.0	1.7	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
ESE	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
SE	1.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
SSE	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
S	.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
SSW	.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
SW	.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
WSW	.0	1.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
W	1.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
WNW	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
NW	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
VARBL													
CALM													
	7	30.3	1.6	1.6	2.0	3							

TOTAL NUMBER OF OBSERVATIONS

T

NO. 1011-10001-137 CH
 WIND
 WATHER SERVICE 7740

SURFACE WINDS

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

STATION NO. 5111 STATION NAME LAKE ARTHUR YEAR 1951 MONTH 12

CLASS ALL WEATHER HOURS (L.S.T.) 24

CONDITION _____

SPEED KNTS D.R.	1-3	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	1.0	0	0	0	0	0	0	0	0	1.0	0.0
NNE	0	1.0	4.7	0	0	0	0	0	0	0	0	5.7	0.0
NE	0	0	0	0	0	0	0	0	0	0	0	0	0.0
ENE	0	1.0	1.0	0	0	0	0	0	0	0	0	2.0	0.0
E	1.0	4.0	1.0	0	0	0	0	0	0	0	0	6.0	0.0
ESE	0	0	4.0	0	0	0	0	0	0	0	0	4.0	0.0
SE	0	0	0	0	0	0	0	0	0	0	0	0	0.0
S	0	0	0	0	0	0	0	0	0	0	0	0	0.0
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0.0
SW	0	0	0	0	0	0	0	0	0	0	0	0	0.0
WSW	0	0	0	0	0	0	0	0	0	0	0	0	0.0
W	0	0	0	0	0	0	0	0	0	0	0	0	0.0
WNW	0	0	0	0	0	0	0	0	0	0	0	0	0.0
NW	0	0	0	0	0	0	0	0	0	0	0	0	0.0
NNW	0	0	0	0	0	0	0	0	0	0	0	0	0.0
VARBL	0	0	0	0	0	0	0	0	0	0	0	0	0.0
ALM	0	0	0	0	0	0	0	0	0	0	0	0	0.0
	0	0	4.7	0	0	0	0	0	0	0	0	4.7	0.0

TOTAL NUMBER OF OBSERVATIONS _____

CAUTION: FORM 1011-10001-137 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

STATION NAME
 STATION
 DATE

SURFACE WINDS

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

STATION NAME: WILLIAMSBURG STATION: 13-1 YEARS: _____ MONTH: _____
 CLASS: ALL WEATHER HOURS (L S Y): _____
 CONDITION: _____

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
NNE	.1	1.1	1.1	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
NE	.1	1.1	1.1	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
ENE	.1	1.1	1.2	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
E	1.1	1.1	1.7	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
ESE	.1	1.1	1.1	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SE	.1	1.1	1.1	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SSE	.1	1.1	1.1	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
S	.1	1.1	1.1	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SSW	.1	1.1	1.1	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SW	.1	1.1	1.1	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
WSW	.1	1.1	1.1	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
W	.1	1.1	1.1	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
WNW	.1	1.1	1.1	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
NW	.1	1.1	1.1	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
NNW	.1	1.1	1.1	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

FEDERAL BUREAU OF SURVEILLANCE
 WEATHER SERVICE / AD

SURFACE WINDS

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

STATION SOLE LAKE APT. CO STATION NAME SOLE LAKE APT. CO YEARS 73-80 MONTH _____
 CLASS ALL WEATHER HOUR (LST) _____
 CONDITION _____

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		2.0	2.2	0.3								0.7	2.1
NNE		2.0	1.0	0.4								0.7	2.1
NE	4.4	2.0	2.5	1.3	0.7	0.1						0.8	7.8
ENE	1.1	0.0	1.3	0.4								0.6	2.8
E	1.7	0.0	2.2	1.1	0.1							1.1	3.1
ESE	1.2	1.3	4.0	1.2								0.7	2.9
SE	1.2	2.0	3.6	0.9								0.8	2.8
SSE	0.1	1.7	0.6	0.4								0.4	1.8
S	0.0	1.7	1.9	0.2								0.4	1.8
SSW	0.0	0.0	0.1									0.1	0.1
SW	0.0	0.0	0.0									0.0	0.0
WSW	0.0	1.0	1.4	0.4								0.7	2.8
W	0.0	1.6	2.4	0.6								0.7	2.7
WNW	0.0	1.0	1.1	0.8	0.7							0.8	2.7
NW	0.0	0.0	0.4	0.7	0.1							0.2	1.2
NNW	0.0	0.1	0.1	0.7		0.1						0.2	1.2
VARBL													
CALM													
	7.1	5.2	12.7	9.9	7.7	0.2						1.1	

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

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

STATION 147 NAME APC C STATION NAME APC C YEARS 77-78 MONTH -

CLASS ALL WINDS HOURS (L.S.T.) -

CONDITION -

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.0	.4	.1									
NNE		2.0	1.1	.5									
NE		4.0	2.2	1.8	.1								
ENE		1.0	1.2	.6	.1								
E		4.7	2.4	.5									
ESE		1.0	2.2	.5									
SE		1.2	1.0	.4	.1								
SSE	.7	1.0	.2	.2									
S		1.0	.1										
SSW		1.0	.1										
SW		1.0	.1										
WSW	.8	1.0	1.1	.2									
W		2.0	2.2	.2									
WNW	.4	1.0	1.0	.2	.2								
NW		1.0	.4	.2	.1								
NNW		.7	.6	.2	.1								
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 32

U.S. METEOROLOGICAL BUREAU
 WASHINGTON, D.C.
 FORM NO. 1-59 (REV. 1-59)

SURFACE WINDS

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

STATION OFF LAKE ARTON YEARS 77-81 MONTH _____
 STATION NAME ALL WEATHER CLASS _____
 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	0.1	1.0	1.1	0.6								0.2	0.2
NNE	0.2	1.0	1.6	1.4								0.2	1.0
NE	0.1	1.0	2.0	1.7								0.2	1.0
ENE	0.1	2.0	2.1	0.7								0.2	1.0
E	0.1	3.0	7.3	1.5								0.2	1.0
ESE	0.1	2.0	1.4	1.7								0.2	1.0
SE	0.1	2.0	1.8	0.8	0.1							0.2	1.0
SSE	0.1	1.0	0.2	0.2								0.2	1.0
S	0.1	4.0	0.2	0.2								0.2	1.0
SSW	0.1	0.1	0.1	0.1								0.2	1.0
SW	0.1	0.1	0.1	0.1								0.2	1.0
WSW	0.1	1.0	0.1	0.2								0.2	1.0
W	0.1	1.0	3.0	0.2	0.1							0.2	1.0
WNW	0.1	0.1	1.0	1.0								0.2	1.0
NW	0.1	0.1	1.1	1.1								0.2	1.0
NNW	0.1	0.1	0.2	0.2								0.2	1.0
VARBL	0.1	0.1	0.2	0.2								0.2	1.0
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

U.S. DEPARTMENT OF COMMERCE
 NATIONAL CENTER FOR ENVIRONMENTAL DATA

SURFACE WINDS

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

STATION WILLIAMS PIER STATION NAME WILLIAMS PIER YEARS 1950-51 NORTH 11
 CLASS ALL DATA HOURS (L.S.T.) 0000-2300
 CONDITION _____

SPEED KNTS. D.R.	1 - 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									
NNE		1	1	1									
NE		1	1	1									
ENE		1	1	1									
E		1	1	1									
ESE		1	1	1									
SE		1	1	1									
SSE		1	1	1									
S		1	1	1									
SSW		1	1	1									
SW		1	1	1									
WSW		1	1	1									
W		1	1	1									
WNW		1	1	1									
NW		1	1	1									
NNW		1	1	1									
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

ADVISORY BOARD
 1950
 FEDERAL BUREAU OF INVESTIGATION

SURFACE WINDS

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

STATION NAME: ALLIANCE YEAR: 1951 MONTH: _____

CLASS: _____ HOUR: _____

CONDITION: _____

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0	0	2	0	0	0	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0
NE	0	1	0	0	0	0	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0	0	0	0	0	0	0
VARBL	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	17	2	0	7	7	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS

UNLESS OTHERWISE SPECIFIED, ALL MEASUREMENTS ARE IN METERS AND ALL SPEEDS ARE IN METERS PER SECOND. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SURFACE WINDS

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

STATION NAME _____ YEARS _____ NORTH _____
 CLASS _____ HOURS (L B T) _____
 CONDITION _____

SPEED KNT DIR	4 - 7	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N											
NNE											
NE											
ENE											
E											
ESE											
SE											
SSE											
S											
SSW											
SW											
WSW											
W											
WNW											
NW											
NNW											
ALL											
A.M.											

TOTAL NUMBER OF OBSERVATIONS

ALL DATA FROM THIS REPORT ARE UNCORRECTED UNLESS OTHERWISE SPECIFIED

SURFACE WINDS

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

STATION 10000 STATION NAME ALL WEATHER YEARS 1950-54 MONTH ALL

CLASS ALL WEATHER HOURS ALL

CONDITION ALL

SPEED KNTS DIR	1 - 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	0	0	0	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0
N E	0	0	0	0	0	0	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0	0	0	0	0	0	0
VARBL	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS 10000

SURFACE WINDS

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

STATION NAME WILLIAMSBURG CLASS 1A MONTH NOV

STATION 01-10-00 STATION NAME WILLIAMSBURG YEARS 1951-52 MONTH NOV

CLASS 1A HOUR(S) 00-24

CONDITION _____

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N		1											
NNE			1	2									
NE		2	1	2									
ENE		2	2	4									
E		4	4	6									
ESE		4	3	4									
SE		1	1	1									
SSE		1	1	1									
S		1	1	1									
SSW			1	1									
SW		1	1										
WSW		1	1										
W		1	1	3									
WNW			1	7									
NW			1	3									
NNW			2	7	1								
YARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 35

T

U.S. DEPARTMENT OF COMMERCE
 NATIONAL CENTER FOR ENVIRONMENTAL OCEANOGRAPHY

SURFACE WINDS

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

STATION: SCULL LAKE, IPI 54 STATION NAME: SCULL LAKE YEARS: 1955 NORTH: 11
 CLASS: ALL WEATHER HOURS: 12
 CONDITION: _____

SPEED KNTS DIR	1 - 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	1.0	1.3	0.6	0	0	0	0	0	0	0	0	0.0
NNE	0	0	0.1	0.5	0.1	0	0	0	0	0	0	0.7	0.0
NE	0	0	3.7	0	0	0.1	0	0	0	0	0	4.8	0.0
ENE	0	0.9	0.7	0.6	0	0	0	0	0	0	0	7.0	0.0
E	0.7	0.7	3.0	1.6	0	0	0	0	0	0	0	12.4	0.0
ESE	0.1	0.0	1.4	1.1	0.1	0	0	0	0	0	0	2.6	0.0
SE	0.1	0.0	0.1	1.7	0	0	0	0	0	0	0	2.6	0.0
SSE	0	0.0	0.4	0	0	0	0	0	0	0	0	0.4	0.0
S	0	1.0	1.5	0.2	0.4	0	0	0	0	0	0	3.1	0.0
SSW	0	0	0	0	0.2	0	0	0	0	0	0	0.2	0.0
SW	0	0	0.6	0.3	0.2	0	0	0	0	0	0	1.1	0.0
WSW	0	0	1.2	0.7	0	0	0	0	0	0	0	1.9	0.0
W	0	2.1	3.1	0	0.6	0	0	0	0	0	0	5.8	0.0
WNW	0	1.0	1.0	1.6	0.2	0	0	0	0	0	0	4.8	0.0
NW	0	0.7	1.3	0.1	0	0	0	0	0	0	0	2.1	0.0
NNW	0	1.0	0	0.6	0	0	0	0	0	0	0	2.2	0.0
VARBL	0	0	0	0	0	0	0	0	0	0	0	0	0.0
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0.0
TOTAL	0.7	2.7	11.7	12.2	2.7	0.1	0	0	0	0	0	17.4	0.0

TOTAL NUMBER OF OBSERVATIONS: _____

STATION NO. 100000000000
 STATION NAME

SURFACE WINDS

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

STATION NO. 100000000000 STATION NAME CLASS YEARS MONTHS (L B T) CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

WIND CLIMATE DATA CENTER
 METEOROLOGICAL SERVICE CENTER

SURFACE WINDS

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

STATION W L LAK. APT CS STATION NAME W L LAK. APT CS YEARS 73-81 MONTH

CLASS ALL WEATHER 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	≥ 36	%	MEAN WIND SPEED
N	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	1.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	1.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	1.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	1.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	4.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	4.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VARBL													
CALM													
TOTAL	2.0	2.0	2.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS 10

ALL WEATHER STATION
 LOCATION: H 507231.7 40

SURFACE WINDS

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

STATION: ALL WEATHER STATION YEARS: 73-8 MONTH: _____
 CLASS: ALL WEATHER HOUR (LST): _____
 CONDITION: _____

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	1.5	.1									
NNE			1.1										
NE		2.8	1.7	.4									
ENE		2.8	1.1	.2									
E	4.4	2.1	2.4	.9	.1								
ESE	1.4	2.7	2.5	.5									
SE	1.1	2.1	1.9	.8									
SSE	.8	1.7	.7	.5									
S	1.1	1.4	.2	.1									
SSW	.1	.2	.2	.4									
SW	2.2	.1	.7	.6	.1								
WSW	.1	4.7	2.1	.4									
W	1.1	4.1	4.4	.7	.4								
WNW	1.1	2.1	2.4	.9									
NW	.5	.5	1.9	.1	.1								
NNW	.5	.5	.2	.4									
VARBL													
CALM													
TOTAL	7.1	3.7	5.4	4.4	.7								

TOTAL NUMBER OF OBSERVATIONS _____

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C. 20540
 AIR WEATHER SERVICE/MAL

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

SURFACE WINDS

STATION LAKE LAKE APT C STATION NAME LAKE LAKE APT C YEARS 1980 MONTH 1
 CLASS ALL WEATHER HOURS (LST) 0000-2300
 CONDITION _____

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0	1.0	1.7	1.5								0.2	0.0
NNE	0	1.0	1.7	1.4								0.2	0.0
NE	0	1.0	2.7	1.7								0.2	0.0
ENE	0	1.0	1.1	1.6								0.2	0.0
E	1.2	2.4	2.1	1.2	0.1							1.0	1.0
ESE	0	1.0	3.2	1.4	0.1							0.4	0.0
SE	0	1.0	1.7	1.4								1.0	1.0
SSE	0	0.7	1.4	1.4								1.0	1.0
S	0.7	1.0	2.1	1.2	0.1							2.0	1.0
SSW	0	1.0	1.4	1.0								1.0	1.0
SW	0	1.0	2.1	1.2	0.2							1.5	1.0
WSW	0	1.0	1.1	1.2	0.2							1.4	1.0
W	0.2	2.1	2.2	1.6	0.2							2.0	1.0
WNW	0	1.0	1.1	1.4	0.4							1.0	1.0
NW	0	1.0	1.4	1.7	0.2							1.0	1.0
NNW	0	1.0	0.7	1.3								1.0	1.0
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

10-10-64
 10-10-64
 10-10-64

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

SURFACE WINDS

STATION: WILL LAK. APT. ON STATION NAME: W-2 YEARS: _____ MONTH: _____

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

CONDITION: _____

SPEED (KNTS), DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.1	2.1	1.1								.8	7.0
NNE	.7	1.2	2.2	.7								1.0	7.0
NE	.2	1.1	2.1	.5								1.0	.0
ENE	.2	1.2	1.3	1.2								1.0	.0
E	.2	2.2	2.8	1.8	.2							1.7	.0
ESE	.4	.7	2.0	1.2								1.0	.0
SE	.2	1.2	2.2	1.5	.1							1.5	.0
SSE	.2	.2	2.1	1.5								1.0	1.1
S	.2	2.4	2.7	2.4								2.1	.0
SSW	.2	1.0	2.4	1.3	.1							1.1	.0
SW	.2	1.2	1.7	.6	.4							1.5	.0
WSW	.2	1.5	2.6	.1	.5							1.0	.0
W	.2	2.1	4.2	7.4	1.2	.2						1.0	1.0
WNW	.2	1.1	2.1	2.4	.6							1.0	1.0
NW	.2	.2	.2	.2	.2							1.0	1.0
NNW	.2	.2	1.5	1.5	.4							1.0	1.0
VARBL													
CALM												.1	

TOTAL NUMBER OF OBSERVATIONS _____

U.S. METEOROLOGICAL BUREAU
 U.S. DEPARTMENT OF COMMERCE
 WEATHER SERVICE

SURFACE WINDS

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

STATION LAKE CHARLES, LA. STATION NAME LAKE CHARLES, LA. YEARS 1951-52 ROUTE 1

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	1.0	2.0	1.0								0.0	0.0
NNE	0.0	1.0	1.0	1.0								0.0	0.0
NE	0.0	0.0	0.0	1.0								0.0	0.0
ENE	0.0	1.0	1.0	1.0								0.0	0.0
E	0.0	0.0	1.0	1.0								0.0	0.0
ESE	0.0	1.0	1.0	1.0	0.0							0.0	0.0
SE	0.0	0.0	1.0	1.0	0.0							0.0	0.0
SSE	0.0	1.0	1.0	1.0	0.0							0.0	0.0
S	0.0	1.0	0.0	1.0	0.0							0.0	0.0
SSW	0.0	1.0	1.0	1.0	0.0							0.0	0.0
SW	0.0	0.0	1.0	0.0	0.0							0.0	0.0
WSW	0.0	1.0	3.0	2.0	0.0							0.0	0.0
W	0.0	0.0	0.0	0.0	1.0							0.0	0.0
WNW	0.0	1.0	2.0	1.0	0.0							0.0	0.0
NW	0.0	1.0	0.0	1.0	0.0							0.0	0.0
NNW	0.0	0.0	1.0	1.0	0.0							0.0	0.0
VARBL													
CALM													
TOTAL	0.0	1.0	5.0	2.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS 1

STATION NAME
 STATION NUMBER

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTHS _____

ALL STATIONS _____
 CLAS _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.2	2.2	1.1									
NNE		1.1	1.1	.7									
NE		2.2	2.2	.6								4	
ENE		2.2	2.2	.6									
E	1.1	2.2	2.2	.7								7	
ESE		2.2	2.2	.3									
SE		2.2	2.2	.6									
SSE		2.2	2.2	.1									2.0
S		1.1	1.2	.4									
SSW		1.7	.2	.2								1.1	
SW		1.1	1.1	.6								4	
WSW		2.2	2.2	1.1	.4								
W	2.2	5.2	4.3	.5	.4							5	
WNW		2.2	2.2	.2	.2							7	
NW		1.1	1.7	.1	.1							7	
NNW		2.2	1.7	.7	.1								2.0
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

10-1047-100-1-1
 STATION: SPOKANE, IDAHO

SURFACE WINDS

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

STATION: SPOKANE, IDAHO YEAR: 1951 MONTH: _____
 CLASS: ALL WEATHER HOURS (L.S.T.): _____
 CONDITION: _____

SPEED KNT. DIR	1-3	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	1.0	1.0								1.0	1.0
NNE	1.0	1.0	1.0	1.0								1.0	1.0
NE	1.0	1.0	1.0	1.0								1.0	1.0
ENE	1.0	1.0	1.0	1.0								1.0	1.0
E	1.0	1.0	1.0	1.0								1.0	1.0
ESE	1.0	1.0	1.0	1.0								1.0	1.0
SE	1.0	1.0	1.0	1.0								1.0	1.0
SSE	1.0	1.0	1.0	1.0								1.0	1.0
S	1.0	1.0	1.0	1.0								1.0	1.0
SSW	1.0	1.0	1.0	1.0								1.0	1.0
SW	1.0	1.0	1.0	1.0								1.0	1.0
WSW	1.0	1.0	1.0	1.0								1.0	1.0
W	1.0	1.0	1.0	1.0								1.0	1.0
WNW	1.0	1.0	1.0	1.0								1.0	1.0
NW	1.0	1.0	1.0	1.0								1.0	1.0
NNW	1.0	1.0	1.0	1.0								1.0	1.0
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS: _____

STATION NAME
 STATION NUMBER

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

SURFACE WINDS

STATION NAME: LAKE CHARLES STATION NUMBER: 17-1 YEARS: _____ MONTH: _____
 CLASS: ALL WEATHER HOUR (L.S.T.): _____
 CONDITION: _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0	1	2	0	0	0	0	0	0	0	0	0	0
NNE	0	1	2	0	0	0	0	0	0	0	0	0	0
NE	0	1	2	0	0	0	0	0	0	0	0	0	0
ENE	0	1	2	0	0	0	0	0	0	0	0	0	0
E	0	1	2	0	0	0	0	0	0	0	0	0	0
ESE	0	1	2	0	0	0	0	0	0	0	0	0	0
SE	0	1	2	0	0	0	0	0	0	0	0	0	0
SSE	0	1	2	0	0	0	0	0	0	0	0	0	0
S	0	1	2	0	0	0	0	0	0	0	0	0	0
SSW	0	1	2	0	0	0	0	0	0	0	0	0	0
SW	0	1	2	0	0	0	0	0	0	0	0	0	0
WSW	0	1	2	0	0	0	0	0	0	0	0	0	0
W	0	3	4	5	0	0	0	0	0	0	0	0	0
WNW	0	1	2	0	0	0	0	0	0	0	0	0	0
NW	0	1	2	0	0	0	0	0	0	0	0	0	0
NNW	0	1	2	0	0	0	0	0	0	0	0	0	0
VARBL	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS

U.S. GOVERNMENT PRINTING OFFICE: 1954

1

U.S. DEPARTMENT OF COMMERCE
 NATIONAL METEOROLOGICAL SERVICE
 WASHINGTON, D. C. 20541

SURFACE WINDS

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

STATION ALL STATE STATION NAME ALL STATE YEARS 13-2 MONTH

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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

UNAPPORTIONED DATA FROM THIS FORM ARE UNRELIABLE

SURFACE WINDS

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

STATION NAME _____ STATION NUMBER _____ YEAR _____ MONTH _____
 CLASS _____ HOUSE (L.S.T.) _____
 CONDITION _____

SPEED KNT. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARPL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 WASHINGTON, D. C. 20541

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

SURFACE WINDS

STATION STATION NAME YEARS MONTH

 CLASS HOURS OF DAY

 CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	☼	MEAN WIND SPEED
N													
NNE													
N-E													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

FOR INFORMATION, PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SURFACE WINDS

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

STATION 17-0 STATION NAME ELL ATWOOD YEARS 1950-1951 MONTH 1950

CLASS 17-0 HOURS 12 00

CONDITION

SPEED KNTS DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 7

U.S. DEPARTMENT OF COMMERCE
 NATIONAL CENTER FOR ENVIRONMENTAL DATA SERVICE

SURFACE WINDS

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

STATION: PLU LAK APT ON STATION NAME: PLU LAK APT ON YEARS: 1971-1972 MONTH: ALL MONTHS

CLASS: ALL WEATHER

CONDITION: _____

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	•	•	1.7	•	•	•	•	•	•	•	•	•	•
NNE	•	•	1.7	•	•	•	•	•	•	•	•	•	•
NE	•	•	•	•	•	•	•	•	•	•	•	•	•
ENE	•	•	•	•	•	•	•	•	•	•	•	•	•
E	•	•	•	•	•	•	•	•	•	•	•	•	•
ESE	•	•	•	•	•	•	•	•	•	•	•	•	•
SE	•	•	1.7	•	•	•	•	•	•	•	•	•	•
SSE	•	•	•	•	•	•	•	•	•	•	•	•	•
S	•	•	•	•	•	•	•	•	•	•	•	•	•
SSW	•	•	•	•	•	•	•	•	•	•	•	•	•
SW	•	•	•	1.7	•	•	•	•	•	•	•	•	•
WSW	•	•	4.0	•	•	•	•	•	•	•	•	•	•
W	•	•	7.0	•	1.7	•	•	•	•	•	•	•	•
WNW	•	•	3.4	•	•	•	•	•	•	•	•	•	•
NW	•	•	1.7	•	•	•	•	•	•	•	•	•	•
NNW	•	•	•	•	•	•	•	•	•	•	•	•	•
VARBL	•	•	•	•	•	•	•	•	•	•	•	•	•
CALM	•	•	•	•	•	•	•	•	•	•	•	•	•
	1.7	2.0	7.0	1.7	3.4	1.7	•	•	•	•	•	•	•

TOTAL NUMBER OF OBSERVATIONS: _____

SURFACE WINDS

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

STATION 73-1 STATION NAME ALL SAINTS YEARS 1951-1952 NORTH 1
 CLASS 1 HOURS (L.S.T.) 24
 CONDITION _____

SPEED (KNTS): DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	3.5	.7								.4	
NNE	.2		1.1	.7								.4	
NE	.2	.2	1.4	1.4								.4	
ENE	.2	.2	1.8	.8								.4	
E	.2	.2	1.7	.7	.1							.4	
ESE	.2	.2	1.2	.7								.4	
SE	.2	.2	1.7	.7		.1						.4	
SSE	.2	.2	1.7	.8								.4	
S		2.5	2.2		.1							.4	
SSW		2.4	2.9	.2	.1							.4	
WSW		1.1	2.4	.7								.4	
W		2.7	1.1	1.1	2.2	.6						.4	
WNW			2.4	.2	.6	.7						.4	
NW			2.1	.8	.1	.1						.4	
NNW		.2	1.1	.8								.4	
VARBL													
CALM													
	.2	22.4	34.1	12.3	4.1	1.4							

TOTAL NUMBER OF OBSERVATIONS 8

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY DATA CENTER
 TAC
 DATA SERVICE UNIT

SURFACE WINDS

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

STATION 17 WOLF LAKE APT C STATION NAME 17-5 YEARS 1955 NORTH

ALL WINDS 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	1.0	.5									1.0
NNE		1.0	1.0	.7	.1								1.0
NE		1.0	1.0	.8									1.0
ENE		1.0	1.2	.8	.1								1.0
E		3.0	3.0	.8									1.7
ESE		2.0	1.0	.2									1.0
SE		2.0	.5	.1									.4
SSE		1.0	.7	.2									.5
S		2.0	2.6	.2									1.0
SSW		2.0	.7	.1									1.0
SW		2.0	1.0	.3									1.0
WSW	1.0	3.4	1.0	.5	.1								1.7
W	.3	1.4	1.4	1.5	.7	.1							1.0
WNW	.1	2.0	1.3	.1	.3	.1							1.0
NW	.1	1.4	1.6	.8	.1								1.0
NNW	.1	1.4	1.0	.2									1.0
VARBL													
CALM													
	11.7	36.2	11.2	15.0	1.5	.1							1.0

TOTAL NUMBER OF OBSERVATIONS 6

L. J. ...
 :
 ...

SURFACE WINDS

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

STATION ... STATION NAME ... YEARS ... MONTH ...

CLASS ALL WEATHERS

CONDITION ...

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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS ...

T

U.S. AIR FORCE METEOROLOGICAL SERVICE
 WIND DATA REPORT FORM
 WIND DATA REPORT FORM

SURFACE WINDS

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

STATION W. LAKE APT. C. YEARS 73-74 MONTH

CLASS ALL WEATHER 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	.2	1.0	1.7	.7	.	.	.	.	.	.	.	2.8	1.8
NNE	.	.	.0	.6	.	.	.	.	.	.	.	1.7	1.8
NE	.5	1.0	1.2	.7	.	.	.	.	.	.	.	2.7	1.8
ENE	.1	1.0	.4	.4	.	.	.	.	.	.	.	2.0	1.8
E	1.7	2.7	2.7	.9	.	.	.	.	.	.	.	1.8	1.8
ESE	1.0	1.0	1.7	.5	.	.	.	.	.	.	.	4.5	1.8
SE	.	1.4	1.1	.7	.	.	.	.	.	.	.	2.7	1.8
SSE	.2	1.2	.7	.4	.	.	.	.	.	.	.	2.8	1.8
S	1.2	1.0	1.4	.5	.1	.	.	.	.	.	.	2.8	1.8
SSW	1.2	1.0	1.1	.4	.	.	.	.	.	.	.	2.8	1.8
SW	1.7	2.1	1.4	.6	.	.	.	.	.	.	.	2.8	1.8
WSW	1.7	2.1	2.6	1.4	.3	.	.	.	.	.	.	2.8	1.8
W	1.7	4.0	2.6	4.5	.9	.4	.	.	.	.	.	2.8	1.8
WNW	.	1.0	2.1	1.5	.4	.1	.	.	.	.	.	2.8	1.8
NW	.	.	1.0	.5	.1	.	.	.	.	.	.	2.8	1.8
NNW	.4	1.1	.0	.3	.	.	.	.	.	.	.	2.8	1.8
VARBL													
CALM													
	25.1	25.2	25.9	13.7	1.9	.7	.	.	.	.	.	2.8	1.8

TOTAL NUMBER OF OBSERVATIONS 1000

STATION NAME
 STATION NUMBER
 COUNTY

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

SURFACE WINDS

STATION NAME: WILE LAKE APT CO YEARS: 73-8 NORTH

CLASS: ALL WEATHER HOURS (LST):

CONDITION:

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.1	.2	.1								.1	
NNE	.3	.1	.2	.1	.1							.1	
NE	.1	1.2	1.3									.1	
ENE	.2	.7	.4	.2								.1	
E	.9	4.1	1.6	.3								.1	
ESE	.2	3.2	3.6	.4	.1							.1	
SE	.1	2.1	1.7	.1								.1	
SSE	.1	1.2	.2									.1	
S	.4	1.1	.7		.1							.1	
SSW	.4	.4	.4	.1								.1	
SW	1.6	2.2	.2									.1	
WSW	.2	2.2	1.1	.7								.1	
W	.7	2.2	2.2	.4	.1							.1	
WNW	.2	1.2	.4	.1	.1							.1	
NW	1.7	2.3	1.2	.1								.1	
NNW	1.2	1.6	.7	.2								.1	
VARBL													
CALM												7.4	
	21.8	31.1	17.1	2.8	.5								

TOTAL NUMBER OF OBSERVATIONS 607

11
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SURFACE WINDS

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

STATION WILLIAMS APT 01 STATION NAME WILLIAMS APT 01 YEARS 73-81 MONTH
 CLASS ALL HOURS 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	0.2	1.0	0.7	0.4								0.3	0.0
NNE	0.1	0.1	0.1	0.1								0.2	0.0
NE	0.1	0.1	0.1	0.1								0.2	0.0
ENE	0.1	0.1	0.1	0.1								0.2	0.0
E	0.1	0.1	0.1	0.1								0.2	0.0
ESE	0.1	0.1	0.1	0.1								0.2	0.0
SE	0.1	0.1	0.1	0.1								0.2	0.0
SSE	0.1	0.1	0.1	0.1								0.2	0.0
S	0.1	0.1	0.1	0.1								0.2	0.0
SSW	0.1	0.1	0.1	0.1								0.2	0.0
SW	0.1	0.1	0.1	0.1								0.2	0.0
WSW	0.1	0.1	0.1	0.1								0.2	0.0
W	0.1	0.1	0.1	0.1								0.2	0.0
WNW	0.1	0.1	0.1	0.1								0.2	0.0
NW	0.1	0.1	0.1	0.1								0.2	0.0
NNW	0.1	0.1	0.1	0.1								0.2	0.0
VARBL													
CALM													
TOTAL	0.5	2.0	4.0	4.1	0.5							10.0	0.0

TOTAL NUMBER OF OBSERVATIONS

STATION NO. 1000
 STATION NAME
 CLASS

SURFACE WINDS

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

STATION NO. 1000 STATION NAME ELLE LAKE, ILL. YEARS 1951-1952 MONTH ALL
 CLASS CL - A HOURS (L.S.T.) 24
 CONDITION

SPEED KNTS. DIR	1 - 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	1.0	1.7								1.7	
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	3.0	3.6	3.8	1.2	1.5								

TOTAL NUMBER OF OBSERVATIONS 100

FIELD STATION BRANCH
 TAC
 DATE 10-01-77

SURFACE WINDS

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

STATION ALL WATERS STATION NAME ALL WATERS YEARS 77-8 NORTH

CLASS ALL WATERS HOURS 11-17

CONDITION

SPEED KNTS DIR	1-3	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VARBL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL NUMBER OF OBSERVATIONS	7	24	33	3	2	0	0	0	0	0	0	0	0

SURFACE WINDS

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

STATION CONRAD AFB TX STATION NAME CONRAD AFB TX YEARS 1953-5 MONTH 1

CLASS 1 HOURS 1-24

CONDITION _____

SPEED KNTS Dir	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N			0.5										
NNE		1.0	0.2										
NE		1.0	0.7	0.1									
ENE		1.0	1.7	0.8									
E		1.0	2.0	1.0									
ESE		1.0	2.2	1.2	0.1								
SE		1.0	1.8	1.1	0.2								
SSE		1.0	1.2	1.0									
S		1.0	1.6	1.5									
SSW		1.0	1.4	1.0	0.3								
SW		1.0	1.0	1.0	0.2								
WSW		1.0	1.2	0.6	0.2								
W		1.0	1.6	1.2	0.2								
WNW		1.0	1.7	1.3	0.6								
NW		1.0	1.0	0.7	0.2								
NNW		1.0	1.4	0.6									
VARBL													
CALM													
TOTAL NUMBER OF OBSERVATIONS		22	14	5	3								

L. QUINCY W. AND
 EXT. M. V. 1217 AC

SURFACE WINDS

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

STATION S. L. LANE APT. CO. STATION NAME 13-5 YEAR 1954 MONTH 11
 CLASS RESIDENTIAL HOURS 12
 CONDITION

SPEED KNTS: DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	•	•	•	•	•	•	•	•	•	•	•	•
NNE	•	•	•	•	•	•	•	•	•	•	•	•
NE	•	•	•	•	•	•	•	•	•	•	•	•
ENE	•	•	•	•	•	•	•	•	•	•	•	•
E	•	•	•	•	•	•	•	•	•	•	•	•
ESE	•	•	•	•	•	•	•	•	•	•	•	•
SE	•	•	•	•	•	•	•	•	•	•	•	•
SSE	•	•	•	•	•	•	•	•	•	•	•	•
S	•	•	•	•	•	•	•	•	•	•	•	•
SSW	•	•	•	•	•	•	•	•	•	•	•	•
SW	•	•	•	•	•	•	•	•	•	•	•	•
WSW	•	•	•	•	•	•	•	•	•	•	•	•
W	•	•	•	•	•	•	•	•	•	•	•	•
WNW	•	•	•	•	•	•	•	•	•	•	•	•
NW	•	•	•	•	•	•	•	•	•	•	•	•
NNW	•	•	•	•	•	•	•	•	•	•	•	•
VARBL	•	•	•	•	•	•	•	•	•	•	•	•
CALM	•	•	•	•	•	•	•	•	•	•	•	•

TOTAL NUMBER OF OBSERVATIONS

AD-A128 121

COLD LAKE AIRPORT CANADA REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSER. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. MAR 83
USAFETAC/DS-83/007 SBI-AD-E850 371

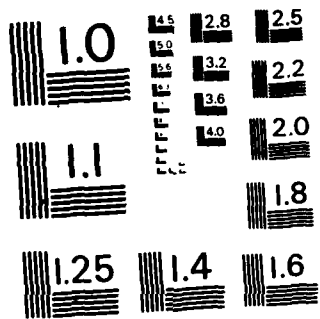
25

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

U.S. AIR FORCE
 METEOROLOGICAL SERVICE
 WEATHER SERVICE AC

SURFACE WINDS

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

STATION 127 WILD LAK. APT CV STATION NAME 73-50 YEARS 73-50
 ALL WEATHER CLASS ALL WEATHER MONTH 73-50
 CONDITION

SPEED (KNTS) DIR.	1 - 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	1.5	.7	.1							.1	1.2
NNE	.1	1.2	.8	.5								.1	.8
NE	.1	2.5	.6	.5								.1	1.2
ENE	.1	2.1	1.4	.1								.1	.8
E	2.4	6.2	2.2	.5								.1	1.2
ESE	1.2	4.1	2.2	.6								.1	.8
SE	1.4	1.6	.9	.5								.1	.8
SSE	.1	1.3	.6									.1	.8
S	1.2	1.4	.6	.2								.1	.8
SSW	.7	1.1	.2	.2								.1	.8
SW	1.1	1.1	1.1	.2								.1	.8
WSW	1.5	3.6	1.1	.7	.1							.1	.8
W	1.6	6.2	3.2	1.7	.1	.1						.1	.8
WNW	1.4	3.3	3.2	.7	.1	.1						.1	.8
NW	.1	2.3	1.5	.5	.1		.1					.1	.8
NNW	.3	2.1	1.3	.8								.1	.8
VARBL													
CALM												0.1	
	2.4	43.2	1.6	.1	.5	.2	.1						1.2

TOTAL NUMBER OF OBSERVATIONS 7

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C. 20541
 WEATHER SERVICE/FAO

SURFACE WINDS

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

STATION COLD LAKE PI CTN STATION NAME COLD LAKE PI CTN YEARS 17-50 MONTHS ALL

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	48-53	≥56	%	MEAN WIND SPEED
N	.01	1.01	1.02	.03									
NNE	.01	1.04	.06	.02									
NE	.07	2.00	.01	.02									
ENE	.02	1.00	.04										
E	.02	4.00	1.07	.02									
ESE	.06	3.00	4.07	1.02									
SE	.00	1.00	1.03	.02									
SSE	1.00	1.07	.03										
S	1.03	2.00	.02	.02									
SSW	.06	2.03	.02										
SW	.00	2.00	.04	.02	.01								
WSW	.00	1.00	.09	.03									
W	1.00	3.04	2.08	.08									
WNW	1.00	2.02	.03	.06	.01	.01							
NW	1.07	2.07	.04	.02		.01							
NNW	1.04	1.07	1.00	.08									
VARBL													
CALM													
	12.06	35.01	17.04	5.05	.02	.02							

TOTAL NUMBER OF OBSERVATIONS 100

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C. 20541
 WEATHER SERVICE/AC

SURFACE WINDS

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

STATION 121 GOLD LAKE APT CN YEAR 73-84 MONTH ALL
 STATION NAME GOLD LAKE APT CN CLASS ALL WEATHER HOUR (L. S. T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.4	1.6	.4	.0	.0	.0	.0	.0	.0	.0	4.0	4.0
NNE	.0	1.2	.7	.3	.0	.0	.0	.0	.0	.0	.0	2.7	2.0
NE	.3	1.4	1.1	.3	.0	.0	.0	.0	.0	.0	.0	3.7	3.0
ENE	1.1	1.5	1.0	.3	.0	.0	.0	.0	.0	.0	.0	3.9	3.7
E	1.7	3.7	2.3	.7	.0	.0	.0	.0	.0	.0	.0	6.4	4.0
ESE	1.1	2.7	3.1	.9	.1	.0	.0	.0	.0	.0	.0	7.7	4.0
SE	1.1	1.5	1.5	.5	.1	.0	.0	.0	.0	.0	.0	4.6	3.0
SSE	.8	1.1	.5	.3	.0	.0	.0	.0	.0	.0	.0	2.6	2.1
S	1.3	1.4	.9	.5	.1	.0	.0	.0	.0	.0	.0	4.2	3.0
SSW	.2	1.1	.5	.4	.0	.0	.0	.0	.0	.0	.0	2.2	2.0
SW	1.7	1.6	.8	.5	.1	.0	.0	.0	.0	.0	.0	4.7	3.6
WSW	1.5	2.3	1.6	1.7	.2	.0	.0	.0	.0	.0	.0	6.7	7.1
W	1.1	3.6	3.8	2.1	.3	.1	.0	.0	.0	.0	.0	11.0	7.0
WNW	1.4	2.2	1.8	1.4	.2	.0	.0	.0	.0	.0	.0	7.0	5.5
NW	1.5	1.7	1.7	1.1	.3	.1	.0	.0	.0	.0	.0	6.2	7.0
NNW	.8	1.5	1.4	.8	.0	.0	.0	.0	.0	.0	.0	4.5	7.0
VARBL													
CALM												14.5	
	17.9	29.9	24.3	11.5	1.4	.3	.0	.0	.0	.0	.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 7144

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 121 COLD LAKE APT CV STATION NAME 73-A YEARS 73-A MONTH

CLASS ALL WEATHER

CONDITION

NOV 68 (1.9.7)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.0	.3	.2									
NNE	.5	.7	.2	.2									
NE	.2	1.1	.5										
ENE	1.6	1.2	.9	.1									
E	1.7	4.4	3.1	.5	.2								
ESE	1.5	1.9	2.6	.7									
SE	1.5	2.5	.8										
SSE	2.4	1.1											
S	1.8	1.5	.5										
SSW	.2	.7	.2	.2									
SW	.5	.1	.6	.1	.1								
WSW	2.2	2.2	1.3	.1									
W	1.2	2.3	3.1	.3									
WNW	1.3	1.7	1.3	.5	.2	.1							
NW	.1	1.7	.7	.7									
NNW	1.3	1.5	.9	.5									
VARBL													
CALM													
	4.5	29.1	16.8	4.7	.5	.1							

TOTAL NUMBER OF OBSERVATIONS 79

FEDERAL BUREAU OF SURVEY
 NATIONAL METEOROLOGICAL SERVICE
 WEATHER SERVICE, WAC

SURFACE WINDS

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

STATION 1200 WILD LAKE APT CV STATION NAME 13-80 YEARS 1950-1951 MONTH 1950

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	1.2	1.5	.6	.2								.2	2.0
NNE	.2	.5	.1	.3								.2	2.7
NE	.2	1.1	.7	.1								.4	2.8
ENE	.2	1.0	.7	.1								.7	3.0
E	2.4	4.5	3.4	.2	.1							1.7	3.7
ESE	2.5	2.7	2.3	.6								2.0	3.7
SE	1.8	1.4	.3									2.0	4.0
SSE	1.1	1.2	.2									2.7	3.1
S	1.7	1.1	.2									.1	3.7
SSW	1.5	.3	.2									.2	3.1
SW	1.1	1.7	.3		.1							.3	4.0
WSW	2.6	2.5	1.1		.1							.5	4.1
W	2.7	2.6	2.5	.8								2.0	3.7
WNW	1.7	2.1	2.2	.9								5.0	4.5
NW	1.2	1.9	.7	.2								5.0	4.1
NNW	.3	2.0	.5	.8								3.5	4.0
VARBL													
CALM												7.3	
	23.5	28.1	16.4	4.3	.3							1.0	2.0

TOTAL NUMBER OF OBSERVATIONS 58

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1200 COLD LAKE APT CA STATION NAME COLD LAKE APT CA YEARS 73-80 MONTHS ALL

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	.7	1.4	.5	.1								.2	3.0
NNE	.4	.2	.5									.1	3.0
NE	.2	.2	1.5	.1								.2	3.0
ENE	.4	1.3	.7									.4	3.0
E	1.8	4.5	4.7	.7	.1							1.0	3.0
ESE	1.4	3.0	2.6	.5								.7	3.0
SE	2.6	2.3	.5	.2								.2	4.4
SSE	2.7	1.1	.4									.4	4.4
S	1.8	1.4	.5									.7	4.4
SSW	.5	.6	.1									.2	4.4
SW	2.7	1.3	.2	.1								.7	4.4
WSW	3.1	3.2	1.8	.4								.4	5.2
W	2.8	3.3	3.8	1.1								1.0	5.2
WNW	1.2	1.2	1.3	.7								.1	5.2
NW	1.2	1.3	.2	.6								.2	5.2
NNW	.7	1.1	.8	.7								.3	5.2
VARBL													
CALM													
	24.1	23.1	21.9	5.2	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 43

FEDERAL BUREAU OF SURVEY
 NATIONAL METEOROLOGICAL SERVICE
 ALL WEATHER SERVICE/AVAC

SURFACE WINDS

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

STATION 125 GOLD LAKE APT CN STATION NAME 73-8 YEARS 1973-74 MONTH 12

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	.8	2.1	1.5	.5								4.2	2.4
NNE	.7	1.7	1.1	.1								3.2	1.6
NE	.1	.7	1.6	.6	.1							2.7	2.2
ENE	.1	1.1	1.3	.3								2.7	2.2
E	.7	2.4	5.2	1.7								10.0	7.2
ESE	.1	1.4	3.5	.9								6.2	7.2
SE	.2	1.7	1.4	.5								3.8	3.2
SSE	1.1	1.5	1.1	.2								4.2	3.7
S	1.4	1.6	1.9	.6								4.2	3.7
SSW	.7	.8	1.1	.6								3.1	2.1
SW	.2	1.4	1.4	.5								4.2	3.2
WSW	.1	2.5	2.5	1.7	.1							5.2	3.2
W	1.5	3.1	5.1	3.9	.5							14.5	4.9
WNW	.1	2.3	2.4	1.7	.2							7.5	3.7
NW	.5	1.3	2.6	1.7	.1							6.5	3.1
NNW	.6	.7	1.4	1.1								4.2	1.7
VARBL													
CALM												1.7	
	13.9	26.6	15.6	14.5	1.5							76.7	6.2

TOTAL NUMBER OF OBSERVATIONS 76

CENTRAL CLIMATOLOGY BRANCH
 AFSLTAC
 AIR WEATHER SERVICE/LMAC

SURFACE WINDS

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

STATION 121 COLD LAKE APT CN STATION NAME 73-AC YEARS 1950-54 MONTHS 1-12
 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	.7	2.7	2.2	.5								7.6	4.0
NNE	.2	1.5	1.5	.9								4.3	7.0
NE	.1	.9	1.5	.5	.3							3.4	7.0
ENE	.5	1.7	.7	.3								2.4	7.0
E	.5	1.7	4.8	2.9	.1							10.1	7.0
ESE	.5	1.3	1.6	1.5								4.7	7.0
SE	.3	.6	1.0	.5	.1							2.2	7.0
SSE	.2	.5	.7	.8	.2							2.2	7.0
S	.0	.8	2.8	2.5								7.2	7.0
SSW	.3	1.7	1.3	.3								2.7	7.0
SW	.5	1.3	2.0	1.2								4.7	7.0
WSW	.2	1.7	2.5	2.7	.5							2.2	7.0
W	.9	2.4	3.9	7.5	1.5	.3						16.7	10.7
WNW	.2	1.7	3.2	3.6	.5							9.2	10.3
NW	.3	.6	1.6	2.4	.2							2.1	10.2
NNW	.5	.3	1.5	1.9	.1							2.1	10.2
VARBL													
CALM												4.1	
	3.1	21.1	32.9	30.0	3.6	.3						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 463

NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/FAO

SURFACE WINDS

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

STATION 127 COLD LAKE APT CN STATION NAME COLD LAKE APT CN YEAR 73-8 MONTH 12
 CLASS ALL WEATHER HOUR (L.S.T.) 17-17
 CONDITION _____

SPEED (KNTS) DIR.	1-3	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	1.5	1.7	1.0								2.4	7.0
NNE	.2	1.5	1.1	1.5								2.5	7.0
NE	.7	1.7	2.4	.9								2.5	7.0
ENE	.9	2.2	1.1	.5								4.7	7.0
E	1.4	2.2	3.1	2.4	.1							3.7	7.0
ESE	.2	.5	2.4	.2								3.4	7.0
SE	.7	.6	.9	.8								2.5	7.0
SSE	.7	.2	1.5	.9								3.0	7.0
S	.2	1.7	2.9	1.7	.2							7.4	7.0
SSW	.3	1.1	1.1	1.0	.1							3.7	7.0
SW		1.1	1.1	.7	.1							3.1	7.0
WSW	.6	1.5	1.2	1.5	.1							3.5	7.0
W	.9	2.2	5.1	3.4	1.4							13.7	7.0
WNW	.6	1.3	4.1	4.6	.6							11.1	7.0
NW	.3	1.4	2.3	2.1	.3							3.4	7.0
NNW	.7	1.5	2.2	1.8	.3							3.6	7.0
VARBL													
CALM												2.4	
	3.2	23.1	35.5	16.5	3.3								

TOTAL NUMBER OF OBSERVATIONS 574

NATIONAL CLIMATOLOGY BRANCH
 U.S. DEPARTMENT OF COMMERCE
 WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13 2 COLD LAKE APT CV STATION NAME 73-2 YEARS 73-8 MONTH NOV
 ALL WEATHER CLAS
 NOVS (L & Y)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.4	.5	.6								1.2	1.2
NNE	.7	2.0	.7	.6								1.2	1.2
NE	1.0	2.0	1.3	.7								1.2	1.2
ENE	1.0	1.6	.7	.7								1.2	1.2
E	2.4	4.6	3.3	1.4	.1							1.2	1.2
ESE	1.7	2.3	1.7	.7								1.2	1.2
SE	.7	2.0	1.7	.3								1.2	1.2
SSE	.7	1.7	.6									1.2	1.2
S	1.6	1.6	1.3	.1								1.2	1.2
SSW	1.3	1.0	.6	.1								1.2	1.2
SW	.7	2.3	.7									1.2	1.2
WSW	1.2	2.7	.7									1.2	1.2
W	2.3	5.4	4.5	1.4								1.2	1.2
WNW	.7	2.4	2.1	.6								1.2	1.2
NW	1.2	2.5	1.7	.7	.2							1.2	1.2
NNW	1.6	1.5	1.2	.3								1.2	1.2
VARBL												1.2	1.2
CALM												1.2	1.2
	1.7	37.6	2.3	1.2	.3							1.2	1.2

TOTAL NUMBER OF OBSERVATIONS 63

FEDERAL BUREAU OF SURVEY
 NATIONAL METEOROLOGICAL SERVICE
 WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION 100 GOLD LAKE APT ON STATION NAME 73-8 YEARS 73-8 MONTH 7-8
 CLASS ALL WEATHER
 HOURS (L.S.T.) 0000-2300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	.7	.1								1.2	1.2
NNE	.6	.7	.5	.2								1.0	1.0
NE	.6	1.4	1.7	.1								1.2	1.2
ENE	1.1	1.4	1.4	.6								1.2	1.2
E	1.7	4.5	2.7	1.4								1.2	1.2
ESE	.7	1.2	1.3	1.2								1.2	1.2
SE	1.5	2.3	1.6	.5								1.2	1.2
SSE	1.5	2.1	.6	.1								1.2	1.2
S	1.2	2.4	.6		.1							1.2	1.2
SSW	.7	1.4	.6									1.2	1.2
SW	1.1	.7	.5									1.2	1.2
WSW	1.5	1.2	.9	.1								1.2	1.2
W	2.5	4.5	2.5	.8								1.2	1.2
WNW	2.3	1.3	1.2	.5	.2							1.2	1.2
NW	.9	1.4	.9	.2	.3							1.2	1.2
NNW	.7	.2	1.2	.3								1.2	1.2
VARBL													
CALM												1.2	1.2
	2.1	32.5	2.8	1.1	.7							1.2	1.2

TOTAL NUMBER OF OBSERVATIONS 100

NATIONAL METEOROLOGICAL SERVICE
 WEATHER SERVICE/MAL

SURFACE WINDS

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

STATION 12-00000000 WIND LAKE APT 01 STATION NAME 13-01 YEARS 1951-52 MONTHS 1-12

CLASS ALL WEATHER HOURS (L, O, T) 24

CONDITION _____

SPEED KNTS: DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0	1.0	1.1	0.4								0	0
NNE	0	1.0	0.7	0.4								0	0
NE	0.4	0.7	1.0	0.7	0.1							0.2	0.2
ENE	0	1.0	0.7	0.7								0	0
E	1.0	3.0	3.6	1.4	0.1							1.0	1.0
ESE	1.1	1.0	2.5	0.5								0.2	0.2
SE	1.2	1.7	1.0	0.3	0							0.3	0.3
SSE	1.0	1.1	0.5	0.2								0.2	0.2
S	1.0	1.0	1.3	0.6								0.2	0.2
SSW	0.7	0.7	0.5	0.2								0.2	0.2
SW	0	1.0	0.7	0.2	0							0.1	0.1
WSW	0.2	2.0	1.6	0.7	0.1							0.2	0.2
W	0	2.0	3.5	1.4	0							1.0	1.0
WNW	0.2	1.0	0.2	0.6		0						0.1	0.1
NW	0	1.0	1.3	1.0	0.5							0.2	0.2
NNW	0	1.0	1.2	0.0	0.1							0.1	0.1
VARBL													
CALM													
	1.4	2.4	2.7	1.4	1.7	0.1						1.4	1.4

TOTAL NUMBER OF OBSERVATIONS _____

U.S. AIR FORCE
 WIND DATA CENTER
 WASHINGTON, D.C.

SURFACE WINDS

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

STATION ELLSWORTH STATION NAME ELLSWORTH YEARS 1951-52 MONTHS ALL
 CLASS CLAS HOURS (L.S.T.) 0000-2300
 CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0	0	0	0	0	0	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0	0	0	0	0	0	0
VARBL	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS 1000

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 TAC
 WEATHER SERVICE, WPC

SURFACE WINDS

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

STATION WILD LAKE API CT STATION NAME 13-3 YEARS 1954-55 MONTH 1954

ALL WEATHER CLASS CLAM HOURS (LST) 0000-2300

CONDITION

SPEED KNTS: DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.2	.6		.1							.2	.2
NNE	.2	.2	.1	.1								.2	.2
NE	.2	.2	.2	.1								.2	.2
ENE	.2	.2	.3	.2								.2	.2
E	.2	2.7	2.0	1.6								2.2	2.0
ESE	.2	2.0	1.2	1.2								2.2	2.2
SE	.2	2.0	.4	.2								.2	.2
SSE	.2	.2	.2	.2								.2	.2
S	2.1	2.0	1.0	.1								2.2	2.0
SSW	.2	1.4	1.1									.2	.2
SW	.2	1.7	1.2	.1								.2	.2
WSW	.2	4.1	2.2	.6								2.2	2.2
W	.2	2.3	5.5	4.0	.2							2.2	2.2
WNW	.2	2.1	.7	1.2	.3	.1	.2					2.2	2.2
NW	.2	1.0	1.2	.3	.3							1.5	2.0
NNW	.4	1.0	1.2	.7								.2	.2
VARBL												.2	.2
CALM												.2	.2
TOTAL	4.3	7.7	2.8	4.2	1.7	.1	.2					2.2	2.2

TOTAL NUMBER OF OBSERVATIONS 2

ALBUQUERQUE BRANCH
 METAC
 DATA SERVICE AC

SURFACE WINDS

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

STATION 12-0 COLD LAKE APT. 01 STATION NAME 73-80 YEAR 73 MONTH 7
 CLASS ALL FLATHER HOURS (L.S.T.) 0000-2300
 CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.2	0.2									0.2	4.0
NNE		0.2	0.2									0.2	4.0
NE		0.2	0.5	0.1								0.2	4.0
ENE		0.2	0.2	0.1								0.2	4.0
E		1.4	3.7	1.7	0.1							2.8	4.0
ESE		2.6	3.5	1.7								0.1	4.0
SE		3.0	1.2	0.2								0.2	4.0
SSE		2.0	0.7	0.1								0.1	4.0
S		1.5	0.7									0.2	4.0
SSW		1.2	0.1	0.1								0.1	4.0
SW		1.0	1.1									0.2	4.0
WSW		0.0	0.9	0.5	0.1							0.2	4.0
W		4.2	5.7	1.4								1.4	4.0
WNW		1.0	1.1	1.2	0.1							0.2	4.0
NW		1.0	1.4	0.5	0.2							0.5	4.0
NNW		0.0	1.2	0.0								0.2	4.0
VARBL													
CALM												1.0	
	1.1	2.7	6.2	7.2	0.1		0.1						4.0

TOTAL NUMBER OF OBSERVATIONS 8

I

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 U.S. WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1010 COLD LAKE APT CN STATION NAME 73-81 YEARS 73-81 MONTH 7-8
 CLASS ALL WEATHER
 HOURS (L & T) 0000-2400
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.1	.7	.1	.1							.3	7.7
NNE	.4	.6	.3									.2	4.8
NE	.6	.7	.1	.6								.1	6.0
ENE	.6	.7	.9	.1								.1	6.0
E	.5	1.4	2.0	2.1	.1							.1	7.0
ESE	.7	2.7	2.7	1.7								.1	7.0
SE	.7	2.1	1.6	1.2								.1	7.0
SSE	.1	1.4	1.2	.3								.1	7.0
S	.7	3.1	1.2	.2								.1	7.0
SSW	.7	1.7	.4	.3								.1	4.0
SW	.7	2.7	1.0	.3								.1	4.0
WSW	.5	1.3	3.1	1.3	.2							.1	7.7
W	.7	.6	6.3	6.7	1.2	.1						.1	7.7
WNW	1.2	1.6	1.7	2.7	1.1	.4	.1					.1	7.7
NW	.8	.7	1.4	1.3	.8	.5						.1	7.7
NNW	.6	1.4	.9	.3	.1							.1	6.7
VARBL													
CALM													
	14.4	27.1	20.9	12.2	3.5	1.1	.1						

TOTAL NUMBER OF OBSERVATIONS _____

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AF-TAC
 WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION SOLE LAKE APT CM STATION NAME 73-80 YEAR 1967 MONTH 12
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-2359
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.3	1.0	.1								.3	1.5
NNE	.4	.7	.6	.2								.3	1.5
NE	.2	.1		.1								.3	1.5
ENE	.7	.3	.9	.2								.3	1.5
E	.2	1.1	3.1	2.2								.4	2.2
ESE	.6	.4	1.4	1.5								.6	2.7
SE	.6	.7	1.4	1.7	.2							.7	2.2
SSE	.2	1.2	1.1	.8	.2							.6	2.2
S	1.5	1.7	3.1	1.9	.1							.4	2.7
SSW	.5	.7	1.2	.8								.6	2.2
SW	.7	2.1	3.2	1.2								.4	2.2
WSW	.9	2.2	3.0	2.3	.4							.7	2.2
W	.7	2.7	5.3	8.1	3.0	.7						.7	2.7
WNW	.7	.8	1.9	4.2	2.4	1.2						.6	2.2
NW	.6	.8	.8	2.7	1.3	.2						.7	2.2
NNW		.7	1.7	.8								.7	2.2
VARBL													
CALM												1.5	
	2.1	19.0	19.0	22.9	22.7	2.7						1.5	

TOTAL NUMBER OF OBSERVATIONS 144

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 127 COLD LAKE APT ON STATION NAME 73-8 YEARS 1957 MONTH 12
 CLASS ALL WEATHER HOURS (L.S.T.) 00-24
 CONDITION _____

SPEED (KNTS) DIR.	1-3	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	.7	.3								.2	1.0
NNE	1.0	1.1	.1	.3								.2	1.0
NE	.4	1.0	1.1	.1								.2	1.0
ENE	.4	1.1	.4									.2	1.0
E	1.0	1.1	2.0	1.1	.2							1.3	1.0
ESE	.3	1.0	2.2	.7								.2	1.0
SE	.3	.7	1.4	.6								.2	1.0
SSE	.6	.7	1.7	1.1	.2							.2	1.0
S	.7	2.7	2.8	1.3								1.4	1.0
SSW	1.1	1.6	2.2	.1								.2	1.0
SW	.4	2.1	3.2	.7								.2	1.0
WSW	1.6	3.2	4.1	1.1	.1							1.2	1.0
W	.3	3.0	5.1	7.4	1.3	.2						1.2	1.0
WNW	.3	.2	3.1	4.3	1.2	.4		.1				1.2	1.0
NW	.4	1.1	1.9	2.7	1.1		.1					1.2	1.0
NNW	.6	.2	1.3	1.7	.1							.2	1.0
VARBL													
CALM													
	1.2	3.1	3.2	2.8	4.3	.7	.2	.1				1.2	1.0

TOTAL NUMBER OF OBSERVATIONS _____

FEDERAL BUREAU OF SURVEY
 NATIONAL METEOROLOGICAL SERVICE
 WEATHER SERVICE/FAO

SURFACE WINDS

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

STATION WILD LAKE APT CN STATION NAME 73-8 YEAR 1973 MONTH NOV

ALL WEATHERS
CLAS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.1	.0	.1								.2	2.2
NNE	.1	.2	.6									.2	2.8
NE	.1	.2	.1									.1	2.8
ENE	.7	1.2	.1									.2	3.8
E		4.1	2.5	1.5								1.4	6.8
ESE	.1	2.4	3.2	.8								.2	6.8
SE	.2	2.2	2.2	.1								.2	6.8
SSE	.2	1.3	1.4									.2	5.6
S	1.8	3.0	.8	.3								.2	4.8
SSW	1.8	4.0	.6	.1								.2	4.7
SW	.2	2.4	2.1	.3								.2	6.8
WSW	.1	4.4	3.8	.3								.2	6.3
W	1.8	4.2	5.6	1.4	.2	.3						1.4	7.5
WNW	.5	2.1	3.7	2.5	.1							.2	7.6
NW	1.3	1.0	.4	.2	.3							.2	6.5
NNW	.1	1.4	1.2	.6								.2	6.3
VARBL													
CALM												.4	
	15.7	36.7	27.4	7.8	.7	.3						17.1	6.8

TOTAL NUMBER OF OBSERVATIONS 171

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C. 20541
 METEOROLOGICAL SERVICE/HAC

SURFACE WINDS

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

STATION 125 GOLD LAKE APT CN STATION NAME 77-82 YEARS 1977-1982 MONTHS 12
 CLASS ALL WEATHER
 HOURS (L.S.T.) 0000-2359
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.2	.4	.1								.2	1.2
NNE			.4									.7	1.2
NE	.7	.1	.1									.9	1.2
ENE	.4		.1	.1								.6	1.2
E	2.7	3.3	3.1	1.5	.1							1.2	1.2
ESE	1.1	3.5	3.6	.8								.7	1.2
SE	.7	2.7	1.8	.4								.5	1.2
SSE	1.2	1.3	.7									.4	1.2
S	3.7	3.5	1.5	.2								.4	1.2
SSW	1.7	2.1	1.1	.7								.7	1.2
SW	1.1	2.7	1.3									.5	1.2
WSW	1.0	4.5	2.5	.8								.6	1.2
W	2.4	5.7	5.2	1.3	.5	.1						1.1	1.2
WNW	1.1	1.5	.4	.2	.1	.1						.3	1.2
NW	1.5	1.5	1.2	1.2	.2	.1						.4	1.2
NNW	.7	2.1	.5	.4	.1							.3	1.2
VARBL													
CALM												1.0	
TOTAL	125	35	40	12	11	3						125	1.2

TOTAL NUMBER OF OBSERVATIONS 125

U.S. DEPARTMENT OF COMMERCE
 NATIONAL METEOROLOGICAL SERVICE
 WEATHER SERVICE

SURFACE WINDS

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

STATION 17 CULLE LAKE APT. CO. STATION NAME 73-0 YEARS 1957 MONTH 11
 ALL WEATHER CLAS. ALL HOURS (L. S. T.) ALL
 CONDITION _____

SPEED (KNTS): DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.1	.1	.1	.1							.4	1.1
NNE	.1	.1	.3	.1								.6	1.1
NE	.4	.1	.3	.1								.9	1.1
ENE	.4	.7	.4	.1								1.6	1.1
E	1.2	2.2	2.8	1.7	.1							8.0	1.1
ESE	1.5	2.4	3.1	1.6								8.6	1.1
SE	1.2	1.1	1.4	.5	.1							4.3	1.1
SSE	.2	1.2	.2	.7	.1							2.4	1.1
S	.2	2.7	1.7	.5								5.1	1.1
SSW	1.4	1.7	.9	.2								4.2	1.1
SW	1.1	2.1	1.6	.3								5.1	1.1
WSW	1.5	4.1	3.1	.7	.1							11.5	1.1
W	1.1	4.5	5.5	3.8	.9	.1						21.0	1.1
WNW	.1	1.5	1.4	.2	.7	.1	.1					3.7	1.1
NW	.2	1.2	1.1	1.3	.6	.1	.1					4.7	1.1
NNW	.5	1.2	1.7	.6	.1							4.1	1.1
VARBL													
CALM													
TOTAL	17.0	29.3	26.1	14.1	2.5	.7	.1	.1				100.0	1.1

TOTAL NUMBER OF OBSERVATIONS _____

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20541
 WEATHER SERVICE/PMO

SURFACE WINDS

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

STATION 126 COLD LAKE APT ON STATION NAME COLD LAKE APT ON YEARS 73-80 MONTH N
 CLASS ALL WEATHER HOURS I.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	1.1	1.4	.6								.3	1.1
NNE			.1	.1								.2	.1
NE		.2	.5	.1								.3	.2
ENE	.1	1.1	.7	.2								.4	.3
E	1.4	3.4	3.4	1.5								.7	1.9
ESE	1.5	2.2	2.2	.2								.6	2.0
SE	2.4	4.2	1.1	.1								.7	4.0
SSE	1.1	.1	.1									.1	1.1
S	1.7	2.7	.0	.2								.5	4.0
SSW	1.1	1.1	.5									.2	1.1
SW	1.4	2.2	1.7									.4	1.9
WSW	2.2	4.7	3.9	.6								1.0	4.0
W	1.2	4.1	3.5	1.5		.1						1.2	7.0
WNW	.2	1.5	.5	.5	.1							.2	2.0
NW	.5	1.1	1.6	.7								.2	2.0
NNW	.7	1.1	.8	.3								.2	1.1
VARBL													
CALM													
	0.3	23.1	4.3	0.7	.1	.3							

TOTAL NUMBER OF OBSERVATIONS 77

FEDERAL METEOROLOGICAL BUREAU
 WASHINGTON, D. C.
 AIR FORCE SERVICE CENTER

SURFACE WINDS

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

STATION 120 GOLD LAKE APT ON STATION NAME 73-6 YEARS 1 MONTH

ALL WEATHER CLASS 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	.1	.2	.7									
NNE	.2	.1	.2	.1									
NE	.1	.2	.1	.7									
ENE	.7	.2	1.1										
E	1.2	2.7	1.0	.6									
ESE	.2	2.4	2.1	.3									
SE	.2	.2	1.4	.1									
SSE	.2	1.2	.2										
S	.2	.7	.7	.2									
SSW	.2	.2	.7										
SW	.2	2.5	1.4	.1									
WSW	1.2	2.2	4.2	.2	.1								
W	2.0	4.0	5.1	1.5		.1							
WNW	.1	1.2	.2	.2		.1							
NW	.1	1.1	1.1	.6									
NNW	.6	1.6	1.0	.2									
VARBL													
CALM													
	1.4	2.3	5.6	.2	.1	.2	.1						

TOTAL NUMBER OF OBSERVATIONS 2

FEDERAL BUREAU OF METEOROLOGY
 WASHINGTON, D. C. 20541
 WEATHER SERVICE/PAC

SURFACE WINDS

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

STATION: COLD LAKE APT ON STATION NAME: 73-8 YEARS: _____ MONTH: _____

ALL WEATHER 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	0.0	0.0	1.4	0.7								0.0	0.0
NNE	0.0	0.7	0.0									0.0	0.0
NE	0.0	0.0	0.0	0.0								0.0	0.0
ENE	0.0	1.0	1.0	0.7								0.0	0.0
E	0.0	1.0	3.0	0.5								0.0	0.0
ESE	0.0	0.0	2.0	0.7								0.0	0.0
SE	0.0	3.0	0.0									0.0	0.0
SSE	0.0	1.0	0.7									0.0	0.0
S	2.4	1.7	0.0	0.7								0.0	0.0
SSW	1.0	0.0	0.0	0.1								0.0	0.0
SW	3.0	0.0	0.7									0.0	0.0
WSW	3.1	0.0	0.5	0.0								0.0	0.0
W	2.3	2.0	0.5	0.2	0.7							0.0	0.0
WNW	0.0	1.0	1.0	0.3	0.1							0.0	0.0
NW	0.0	1.0	1.4	0.7								0.0	0.0
NNW	0.0	1.0	1.0	0.5	0.1							0.0	0.0
VARBL													
CALM													
		27.6	23.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS: _____

ALBANY COUNTY
 TAC
 FATHER STANISLAV ZAC

SURFACE WINDS

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

STATION WILD LAK. APT. CA. STATION NAME W-8 YEARS 1958-59 MONTH ALL MONTHS
 CLASS ALL WEATHER HOURS (L & T) 0000-2359
 CONDITION

SPEED (KNTS) DIR.	1-3	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	1.7	.2								.2	.2
NNE	.1	.1	.7	.1								.1	.1
NE	.2	.2	.7	.2	.1							.2	.2
ENE	.2	.2	1.3	.2								.3	.2
E	.2	2.1	2.4	.2								.2	.2
ESE	.2	2.2	3.1	1.2								.2	.2
SE	.7	2.2	.2	.1								.2	.2
SSE	.1	1.7	.2	.2								.2	.2
S	.2	1.2	1.4	.2								.7	.2
SSW	.2	1.2	.2	.2								.2	.2
SW	.2	2.2	.2									.2	.2
WSW	.2	4.1	3.2	.2								.2	.2
W	.1	3.1	4.2	.1	.7	.2						.2	.2
WNW	.2	1.7	2.1	1.2	.1	.2						.2	.2
NW	.2	1.1	2.3	.2								.2	.2
NNW	.2	1.1	1.2	.2								.2	.2
VARBL													
CALM													
	1.1	24.6	2.1	2.2	.2	.2							

TOTAL NUMBER OF OBSERVATIONS 22

FEDERAL AERONAUTICS BRANCH
 WASHINGTON, D.C.
 METEOROLOGICAL SERVICE, AC

SURFACE WINDS

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

STATION: WILLIAM APT ON STATION NAME: WILLIAM APT ON YEARS: 1954 MONTH: 12

CLASS: ALL WEATHER

CONDITION: _____

HOURLY LIST: _____

SPEED KNTS: DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	2.0	0.7								0.0	0.0
NNE				0.1								0.0	0.0
NE			0.5	0.3								0.0	0.0
ENE			0.7									0.0	0.0
E	1.0	1.0	1.0	0.7								0.0	0.0
ESE	0.7	1.0	1.0	0.7	0.1							0.0	0.0
SE		1.0	0.5	0.9								0.0	0.0
SSE		0.7	0.7	0.7								0.0	0.0
S	0.7	0.7	2.1	0.3								0.0	0.0
SSW	1.0	0.0	1.0	0.7								0.0	0.0
SW	1.0	3.0	2.1	0.6								0.0	0.0
WSW	1.0	4.0	0.6	0.3								0.0	0.0
W	1.0	4.0	0.1	0.4	0.6	0.1	0.1	0.1				0.0	0.0
WNW	0.6	1.0	0.3	0.1	0.7	0.1						0.0	0.0
NW	0.7		1.0	1.6	0.1							0.0	0.0
NNW	0.7	0.7	0.5	0.1								0.0	0.0
VARBL												0.0	0.0
CALM												0.0	0.0

TOTAL NUMBER OF OBSERVATIONS: _____

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 CLASS _____ HOURLS (L.S.T.) _____
 CONDITION _____

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 METEOROLOGICAL SERVICE

SURFACE WINDS

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

STATION W. W. LAK. ST. 01 YEARS 1958 MONTH _____
 CLASS ALL WEATHER HOUR (L S T) _____
 CONDITION _____

SPEED KNTS. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0	0	0	0	0	0	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0	0	0	0	0	0	0
ENE	0	1.0	0.7	0.7	0	0	0	0	0	0	0	0	0
E	0	0.4	3.8	0.7	0	0	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0
SE	0	0	0.7	0.3	0	0	0	0	0	0	0	0	0
SSE	0.7	1.0	0	0	0	0	0	0	0	0	0	0	0
S	0	3.4	0.2	0.3	0	0	0	0	0	0	0	0	0
SSW	0.2	0	0	0	0	0	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0	0	0	0	0	0	0
WSW	0	4	4	0	0	0	0	0	0	0	0	0	0
W	0.6	4	4.4	0.1	0.7	0	0	0	0	0	0	0	0
WNW	0	0	0.2	0.3	0.3	0	0	0	0	0	0	0	0
NW	0	0	0	0.2	0.1	0	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0	0	0	0	0	0	0
VARBL	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	4	37	9	6	6	0	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION

STATION NAME

YEARS

BIRTH

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	0	1	0	0	0	0	0	0	0	0	0	0.0	0.0
NNE	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
NE	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
ENE	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
E	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
ESE	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
SE	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
SSE	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
S	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
SSW	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
SW	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
WSW	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
W	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
WNW	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
NW	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
NNW	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

FEDERAL BUREAU OF SURVEY
 NATIONAL METEOROLOGICAL SERVICE
 WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION COLD LAKE PPT ON YEARS 13-8 MONTH ALL
 STATION NAME CLASS ALL WEATHER HOUR (L.S.T.) ALL
 CONDITION

SPEED (KNTS): DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	.0	1.2	1.7	.5	.	.	.	.	.	.	.	.0	2.0
NNE	.1	.	.	.1	.	.	.	.	.	.	.	.0	2.0
NE	.4	.7	.4	.7	.	.	.	.	.	.	.	.0	2.0
ENE	.7	1.0	.5	.7	.	.	.	.	.	.	.	.0	2.0
E	1.4	2.0	1.4	.7	.	.	.	.	.	.	.	.0	2.0
ESE	1.7	2.0	2.5	.4	.	.	.	.	.	.	.	.0	2.0
SE	1.4	2.7	.5	.3	.	.	.	.	.	.	.	.0	2.0
SSE	1.0	1.4	.4	.1	.	.	.	.	.	.	.	.0	2.0
S	1.7	2.4	1.7	.4	.	.	.	.	.	.	.	.0	2.0
SSW	1.1	1.5	.5	.1	.	.	.	.	.	.	.	.0	2.0
SW	1.5	2.5	1.4	.0	.	.	.	.	.	.	.	.0	2.0
WSW	2.3	4.7	3.5	.5	.	.	.	.	.	.	.	.0	2.0
W	2.1	4.3	4.5	1.1	.3	.	.	.	.	.	.	.0	2.0
WNW	.1	1.4	1.6	1.7	.2	.1	.	.	.	.	.	.0	2.0
NW	.5	1.2	1.4	.5	.	.	.	.	.	.	.	.0	2.0
NNW	.4	1.7	1.4	.6	.	.	.	.	.	.	.	.0	2.0
VARBL													
CALM													
	5	22	2	6	2	1	5	3	1	2		10	2.0

TOTAL NUMBER OF OBSERVATIONS 27

ALBANY METEOROLOGICAL BRANCH
 T. 2
 WEATHER SERVICE, 7140

SURFACE WINDS

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

STATION COLE LAKE APT C STATION NAME 73-R YEARS 1951-52 MONTH ALL MONTHS
 CLASS ALL MONTHS HOURS (L.S.T.) 0000-2300
 CONDITION

SPEED (KNTS): DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0	1	7	2									
NNE	0	0	0	0									
NE	0	0	4	2									
ENE	7	1	2	4									
E	7	3	2	3									
ESE	7	2	5	4									
SE	1	2	2	1									
SSE	1	3	2										
S		1	2										
SSW	1	1	3										
SW	3	1	2										
WSW	7	4	2	2									
W	5	5	3	4									
WNW	1	1	5	3									
NW	2	2	3	3	3								
NNW		1	2	4	1								
VARBL													
CALM													
TOTAL	22	11	26	26	4	1							

TOTAL NUMBER OF OBSERVATIONS _____

FEDERAL BUREAU OF SURVEY
 NATIONAL METEOROLOGICAL SERVICE
 WEATHER SERVICE

SURFACE WINDS

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

STATION 17 WILLIAMS APT C STATION NAME 73-41 YEARS 1 MONTH 1

CLASS ALL WEATHER HOURS (L E T) 24

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.0	.0	.0								.0	
NNE	.0	.0	.0	.0								.0	
NE	.0	1.0	.0	.0								.0	
ENE	.0	1.0	.0	.0								.0	
E	.0	2.0	0.3	1.0								1.0	
ESE	.0	.0	1.0	.0								.0	
SE	1.0	2.0	.0	.0								.0	
SSE	.0	1.0	.0									.0	
S	1.0	1.0	.0	.0								1.0	
SSW	.0	.0										.0	
SW	1.0	1.0	.0	.0								1.0	
WSW	.0	.0	0.7	.0								.0	
W	.0	4.0	3.0	1.0	.0		.0					1.0	
WNW	.0	.0	1.0	.0			.0					.0	
NW	1.0	2.0	1.0	.0	.0							1.0	
NNW	.0	1.0	.0	.0								.0	
VARBL													
CALM													
	2	3	17	9	4		3						

TOTAL NUMBER OF OBSERVATIONS

ALBANY, N.Y. 12207
 1958

SURFACE WINDS

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

STATION ALBANY, N.Y. 12207 STATION NAME ALBANY YEARS 1958 MONTHS (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	.2	.1	.1								.2	1.0
NNE	.2	.2	.2	.2								.2	1.0
NE	.2	.2	.3									.2	1.0
ENE	.2	1.0	.4	.6								.2	1.0
E	.2	2.7	3.2	3.8								.2	1.0
ESE	1.5	2.2	1.5	.9								.2	1.0
SE	1.7	2.2	.7	.2								.2	1.0
SSE	.4	1.0										.2	1.0
S	.2	1.7	.5									.2	1.0
SSW	1.5	.4	.2	.2								.2	1.0
SW	1.7	1.4	.7	.1								.2	1.0
WSW	.4	3.5	2.5	.5								.2	1.0
W	.5	4.6	3.2	.5	.2							.2	1.0
WNW	.5	2.0	1.0	.5	.1	.2						.2	1.0
NW	1.4	1.3	1.0	.2	.2							.2	1.0
NNW	.4	.2	1.4	.3								.2	1.0
VARBL													
CALM													
	22.0	25.9	22.6	7.9	.4	.3	.1						

TOTAL NUMBER OF OBSERVATIONS

NATIONAL CLIMATOLOGY SERVICE
 METEOROLOGICAL SERVICE
 WEATHER SERVICE/NAO

SURFACE WINDS

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

STATION CELL LAKE, APT. C STATION NAME 77-6 YEARS 1977-1978 MONTH 1978

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	.4	.4	.2								.2	.1
NNE	.1	.4	.4		.1							.1	.1
NE	.1	.3	.3									.1	.1
ENE	.1	.1	.1	.4								.1	.1
E	.1	.4	.4	.3								.1	.1
ESE	.1	.3	.7	.2								.7	.1
SE	.2	.1	.1	.1								.1	.1
SSE	.1	.7	.1									.1	.1
S	.1	.5	.2	.1								.1	.1
SSW	.1	.1	.1									.1	.1
SW	.1	.6	.2	.3								.1	.1
WSW	.1	.3	.3	.1								.1	.1
W	.1	.5	.1	.1	.1							.1	.1
WNW	.1	.2	.1	.1	.1							.1	.1
NW	.1	.1	.1	.3		.1						.1	.1
NNW	.1	.1	.1	.3								.1	.1
VARBL													
CALM													
	.2	.7	.6	.3	.3	.1							

TOTAL NUMBER OF OBSERVATIONS 6

U.S. DEPARTMENT OF COMMERCE
 NATIONAL METEOROLOGICAL SERVICE

SURFACE WINDS

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

STATION USCGC BARBERTON STATION NAME 73-8 YEARS 1 MONTH 14
 CLASS ALL WEATHER 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	.0	.0	.0	.1	.1								
NNE	.4	1.1	.0	.3									
NE	.0	.0	.4	.1									
ENE	.7	1.1	1.0	.2									
E	.7	2.2	2.0	.5	.1							1.0	
ESE	.0	2.5	3.1	.4								1.7	
SE	.0	1.0	.4										
SSE	.0	1.0	.1										
S	1.5	.0	.0	.1								.4	
SSW	.7	.3	.2									.3	
SW	.2	2.5	1.0	.1								.3	
WSW	.0	4.5	3.2	1.3								1.7	
W	1.0	3.7	3.2	3.5	.1							1.0	
WNW	1.0	1.7	.0	1.9	.0	.7						.5	.4
NW	.1	2.2	2.3	1.3	.0	.0						1.3	.3
NNW	.0	.0	.7	1.1	.3	.1						.4	.1
VARBL													
CALM												.0	
TOTAL	2.1	23.5	15.0	13.1	1.5	.4						10.0	

TOTAL NUMBER OF OBSERVATIONS 6

FEDERAL BUREAU OF SURVEY
 METEOROLOGICAL SERVICE/NAO

SURFACE WINDS

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

STATION: WILL LAKE APT 01 STATION NAME: WILL LAKE APT 01 YEARS: 73-52 MONTH: ALL

CLASS: ALL WEATHER

CONDITION: ALL WEATHER

HOURE (L.S.T.): ALL

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.7	1.7	.3									
NNE	.0	.7	.3	.1									
NE	.0	.0	.4	.1									
ENE	.0	1.3	.3	.5									
E	1.4	4.5	4.5	1.7	.7								
ESE	1.0	2.0	1.7	.9	.1								
SE	.0	1.7	.7										
SSE	.0	.7	.6										
S	.1	.7	.7										
SSW	.0	.0	.4										
SW	1.4	3.1	.7										
WSW	.3	3.4	4.3	.5									
W	1.7	3.7	2.6	2.4	.3	.2							
WNW	.0	1.2	2.2	1.7	.4	.1							
NW	.2	1.3	2.0	.8	.4								
NNW	.1	.0	1.3	.3									
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

ALBUQUERQUE
 STATION NO. 44557 AC

SURFACE WINDS

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

STATION ALBUQUERQUE STATION NAME ALBUQUERQUE YEARS 1951-52 MONTH ALL
 CLASS ALL WEATHER
 HOUR(S) (L. S. T.) ALL
 CONDITION ALL

SPEED KNTS: DIR.	1 - 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VARBL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS _____

T

ALBANY, NEW YORK
 METAC
 WEATHER DIVISION

SURFACE WINDS

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

STATION ALBANY, NEW YORK STATION NAME ALBANY YEARS 7-82 MONTH ALL
 CLASS ALL WEATHER
 HOUR (L E T) 00-24
 CONDITION _____

SPEED KNTS. DIR.	1-3	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								••	••
NNE		•	•	•7								••	••
NE	••	1.2	•	•2								••	••
ENE	••	1.0	•1	•7								••	••
E	••	••	3.7	1.5	•1							••	••
ESE	1.2	2.4	2.9	•8								••	••
SE	••	1.7	•4									••	••
SSE	••	1.0	•2									••	••
S	1.2	1.0	•3									••	••
SSW	1.2	••										••	••
SW	1.5	1.0	•3									••	••
WSW	2.2	••	2.7	•2								••	••
W	2.4	••	4.7	1.5		••	•1					••	••
WNW	••	2.7	1.7	1.1	•4							••	••
NW	••	••	1.1	•6	•3							••	••
NNW	••	1.2	•9	•4		•1						••	••
VARBL													
CALM													
	1.5	1.9	1.0	2.5	•2	••	•1					••	••

TOTAL NUMBER OF OBSERVATIONS _____

U.S. DEPARTMENT OF COMMERCE
 NATIONAL CENTER FOR ENVIRONMENTAL DATA

SURFACE WINDS

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

STATION LELAKE APT C STATION NAME LELAKE APT C YEARS 73-74 MONTH 12
 CLASS ALL WEATHER HOURS (LST) 12
 CONDITION _____

SPEED KNTS: DIR.	1 - 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	0	0	0	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0	0	0	0	0	0	0
VARBL	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS _____

U.S. DEPARTMENT OF COMMERCE
 NATIONAL METEOROLOGICAL SERVICE

SURFACE WINDS

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

STATION LAKE CHARLES, MISSISSIPPI STATION NAME LAKE CHARLES, MISSISSIPPI YEARS 1951-1954 MONTHS ALL MONTHS

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	0	0	0	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0	0	0	0	0	0	0
VARBL	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS _____

UNAPPORTIONED PERCENTAGES ARE OBSERVED

SURFACE WINDS

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

STATION NAME: _____ YEARS: _____ MONTH: _____

CLASS: _____

CONDITION: _____

SPEED KNTS D.R.	3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1960. Beginning in July 1949 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 5/10 total sky cover and those cases where total sky cover is 5/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1960, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1960.

Continued on reverse side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING FEET	VISIBILITY (STATUTE MILES)			
	≥ 3	≥ 2	≥ 1	≥ 0
1500	91.0	92.6	94.2	95.8
1000	89.5	91.1	92.7	94.3
500	88.0	89.6	91.2	92.8
0	86.5	88.1	89.7	91.3

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

FEDERAL BUREAU OF SURVEY
U.S. AIR FORCE
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73-000 GOLD LAKE APT. CN

73-67

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0000

42.7	43.5	44.1	44.4	44.6	44.6	44.8	45.0	45.0	45.8	46.0	46.0	46.3	46.4	46.8	47.2
45.1	47.0	47.5	47.8	48.0	48.0	48.1	48.4	48.4	49.2	49.4	49.4	49.7	49.9	50.2	50.6
46.2	47.1	47.6	47.9	48.1	48.1	48.3	48.5	48.5	49.3	49.5	49.5	49.8	49.9	50.3	50.7
46.4	47.5	47.9	48.3	48.5	48.5	48.6	48.8	48.8	49.6	49.8	49.8	50.2	50.3	50.6	51.1
48.1	49.2	49.6	49.9	50.2	50.2	50.3	50.5	50.5	51.3	51.5	51.5	51.9	52.0	52.3	52.8
52.7	53.3	53.9	54.2	54.8	54.8	54.9	55.1	55.1	55.9	56.1	56.1	56.5	56.6	56.9	57.5
58.3	58.1	58.6	59.2	60.1	60.1	60.2	60.4	60.4	61.2	61.4	61.4	61.8	61.9	62.2	62.8
58.1	59.9	60.4	61.0	62.0	62.0	62.1	62.3	62.3	63.1	63.4	63.4	63.7	63.8	64.1	64.7
60.7	62.6	63.1	63.9	65.2	65.2	65.3	65.5	65.5	66.3	66.5	66.5	66.9	67.0	67.3	67.9
61.2	63.1	63.7	64.6	65.3	65.3	66.4	66.6	66.6	67.4	67.5	67.5	68.0	68.1	68.4	69.0
62.7	64.9	65.6	66.6	68.3	68.3	68.4	68.7	68.7	69.4	69.7	69.7	70.0	70.1	70.5	71.0
63.6	65.8	66.5	67.0	67.4	69.6	69.7	69.9	69.9	70.7	70.9	70.9	71.3	71.4	71.7	72.3
65.1	67.4	68.2	69.3	71.3	71.4	71.7	71.9	71.9	72.7	72.9	72.9	73.3	73.4	73.7	74.3
66.1	68.5	69.4	70.6	72.7	72.8	73.2	73.4	73.4	74.2	74.4	74.4	74.7	74.9	75.2	75.8
67.5	70.3	71.4	72.7	75.2	75.3	75.8	76.0	76.0	76.8	77.2	77.2	77.3	77.5	77.8	78.4
68.5	71.8	72.9	74.3	76.8	77.0	77.7	77.9	77.9	78.8	79.0	79.0	79.4	79.5	79.8	80.4
71.8	74.9	76.0	77.8	80.5	80.7	81.5	81.7	81.7	82.6	82.9	82.9	83.2	83.3	83.7	84.2
72.9	76.1	77.2	79.0	81.8	82.1	82.9	83.1	83.1	84.0	84.2	84.2	84.6	84.7	85.0	85.6
75.5	78.9	80.2	82.0	84.8	85.0	86.4	86.7	86.7	87.6	87.8	87.8	88.2	88.3	88.6	89.2
77.9	81.3	82.5	84.3	87.1	87.4	88.7	89.6	89.6	90.5	90.8	90.8	91.1	91.2	91.5	92.1
79.7	82.2	84.6	86.4	89.5	89.7	91.1	92.0	92.0	93.5	93.7	93.7	94.0	94.1	94.5	95.1
79.9	83.4	84.9	86.6	89.7	90.0	91.4	92.3	92.3	93.8	94.0	94.0	94.4	94.5	94.8	95.4
80.3	83.8	85.1	86.9	90.1	90.3	91.8	92.7	92.7	94.1	94.5	94.5	94.8	94.9	95.3	95.8
80.3	84.3	85.7	87.5	90.6	91.0	92.4	93.3	93.3	94.8	95.5	95.5	95.8	95.9	96.3	96.8
81.7	85.2	86.6	88.4	91.5	91.9	93.5	94.5	94.5	96.1	96.7	96.7	97.1	97.2	97.5	98.1
82.6	86.1	87.5	89.3	92.4	92.8	94.4	95.4	95.4	97.0	97.6	97.6	98.0	98.1	98.4	99.0
82.8	86.2	87.6	89.4	92.6	92.9	94.5	95.5	95.5	97.1	97.7	97.7	98.1	98.2	98.5	99.1
83.0	86.5	87.8	89.6	92.8	93.1	94.7	95.7	95.7	97.3	98.0	98.0	98.3	98.4	98.8	99.3
83.1	86.6	87.9	89.9	93.0	93.3	94.9	95.9	95.9	97.5	98.2	98.2	98.5	98.6	99.1	99.7
83.1	86.6	87.9	89.9	93.0	93.3	94.9	95.9	95.9	97.5	98.2	98.2	98.5	98.6	99.2	99.8
83.1	86.6	87.9	89.9	93.0	93.3	94.9	95.9	95.9	97.5	98.2	98.2	98.5	98.6	99.2	99.8

TOTAL NUMBER OF OBSERVATIONS 887

1
2

GLOBAL CLIMATOLOGY BRANCH
USAF/FLTA
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1200 COLD LAKE APT CN

73-82

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1300-2500

42.5	43.9	44.5	44.8	45.4	45.5	45.7	45.8	45.8	45.9	46.5	46.6	47.2	47.2	47.4	48.5
46.6	47.8	48.6	48.9	49.5	49.6	49.8	49.9	49.9	50.1	50.6	50.7	51.3	51.3	51.5	52.6
46.6	47.8	48.6	48.9	49.5	49.6	49.8	49.9	49.9	50.1	50.6	50.7	51.3	51.3	51.5	52.6
47.3	48.3	49.1	49.4	49.9	50.1	50.3	50.4	50.4	50.5	51.1	51.2	51.7	51.7	52.0	53.1
48.5	49.7	50.6	50.9	51.5	51.6	51.8	52.0	52.0	52.1	52.6	52.7	53.3	53.3	53.5	54.6
52.4	53.8	54.7	55.2	55.7	55.9	56.1	56.2	56.2	56.3	56.9	57.0	57.5	57.5	57.7	58.9
54.3	56.5	57.5	58.3	59.2	59.3	59.5	59.6	59.6	59.8	60.3	60.4	61.0	61.0	61.2	62.3
57.5	59.2	60.2	61.0	61.9	62.0	62.4	62.5	62.5	62.9	63.5	63.7	64.2	64.2	64.4	65.6
60.2	62.3	63.3	64.4	65.4	65.6	66.0	66.1	66.1	66.4	67.1	67.2	67.8	67.8	68.0	69.1
60.4	62.7	63.7	64.8	65.8	65.9	66.3	66.4	66.4	66.8	67.4	67.6	68.1	68.1	68.3	69.5
61.6	64.0	65.0	66.2	67.2	67.3	67.8	67.9	67.9	68.2	68.9	69.0	69.6	69.6	69.8	70.9
62.7	65.2	66.3	67.6	68.8	68.9	69.3	69.5	69.5	69.8	70.5	70.6	71.1	71.1	71.3	72.5
64.5	67.2	68.3	69.6	70.9	71.0	71.5	71.6	71.6	71.9	72.6	72.7	73.2	73.2	73.5	74.6
64.8	67.4	68.7	69.9	71.2	71.3	71.8	71.9	71.9	72.2	72.9	73.0	73.5	73.5	73.8	74.9
67.1	70.1	71.3	72.8	74.4	74.5	74.9	75.0	75.0	75.4	76.0	76.1	76.7	76.7	76.9	78.0
68.1	71.2	72.5	74.2	75.9	76.0	76.8	77.0	77.0	77.4	78.0	78.1	78.7	78.7	78.9	80.0
70.6	73.9	75.4	77.3	79.0	79.3	80.0	80.3	80.3	80.6	81.3	81.4	81.9	81.9	82.2	83.3
71.1	74.6	76.0	78.0	79.8	80.0	80.9	81.2	81.2	81.5	82.2	82.3	82.8	82.8	83.1	84.2
71.7	75.4	76.9	78.9	80.7	80.9	82.1	82.3	82.3	82.6	83.3	83.4	83.9	83.9	84.2	85.3
74.9	76.7	80.4	82.4	84.2	84.4	85.5	86.4	86.4	86.7	87.4	87.5	88.1	88.1	88.3	89.4
76.4	80.2	82.1	84.1	85.8	86.1	87.3	88.2	88.2	88.9	89.6	89.7	90.3	90.3	90.5	91.6
76.7	80.7	82.7	84.6	86.7	87.0	88.2	89.1	89.1	89.7	90.5	90.6	91.2	91.2	91.4	92.5
77.9	81.9	83.9	86.1	88.0	88.2	89.4	90.4	90.4	91.1	91.9	92.0	92.5	92.5	92.8	93.9
78.7	82.7	84.7	87.1	89.0	89.2	90.4	91.4	91.4	92.1	93.0	93.1	93.6	93.6	93.9	95.0
78.9	82.9	84.9	87.3	89.3	89.5	90.7	91.8	91.9	92.5	93.4	93.5	94.1	94.1	94.3	95.4
79.7	83.7	85.7	88.1	90.1	90.3	91.5	92.5	92.6	93.3	94.3	94.4	95.0	95.0	95.2	96.3
80.5	84.6	86.7	89.1	91.1	91.3	92.5	93.5	93.6	94.3	95.4	95.5	96.3	96.3	96.5	97.7
80.6	84.7	86.8	89.4	91.4	91.6	92.9	93.9	94.0	94.6	95.8	95.9	96.7	96.8	97.1	98.2
80.6	84.9	87.1	89.7	91.9	92.2	93.4	94.4	94.5	95.2	96.4	96.5	97.3	97.5	97.9	99.2
80.6	84.9	87.1	89.7	91.9	92.2	93.4	94.4	94.5	95.3	96.5	96.7	97.4	97.7	98.1	99.6
80.6	84.9	87.1	89.7	91.9	92.2	93.4	94.4	94.5	95.3	96.5	96.7	97.4	97.7	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-12-80 COLD LAKE APT CN

73-82

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

6600-7800

40.5	42.4	42.9	43.3	43.7	43.7	44.3	44.3	44.3	44.8	45.1	45.1	45.7	46.0	46.7	47.2
44.3	46.1	46.7	47.2	47.6	47.6	48.2	48.2	48.2	48.6	49.0	49.0	49.8	49.9	50.6	51.0
44.3	46.1	46.7	47.2	47.6	47.6	48.2	48.2	48.2	48.6	49.0	49.0	49.8	49.9	50.6	51.0
44.3	46.1	46.7	47.2	47.6	47.6	48.2	48.2	48.2	48.6	49.0	49.0	49.8	49.9	50.6	51.0
44.8	46.6	47.2	47.6	48.1	48.1	48.6	48.7	48.7	49.2	49.5	49.5	50.3	50.5	51.1	51.6
47.0	48.9	49.4	49.9	50.3	50.3	50.9	51.0	51.0	51.5	51.8	51.8	52.6	52.7	53.4	53.9
51.1	53.3	54.7	54.6	55.1	55.1	55.8	55.9	55.9	56.4	56.7	56.7	57.5	57.6	58.3	58.8
53.2	55.8	56.7	57.4	58.2	58.3	59.3	59.6	59.6	60.0	60.4	60.4	61.2	61.3	62.0	62.4
56.4	59.1	60.0	61.3	62.1	62.3	63.4	63.7	63.7	64.2	64.7	64.7	65.5	65.6	66.3	66.7
59.0	61.8	62.8	64.1	64.9	65.1	66.3	66.6	66.6	67.3	67.8	67.8	68.6	68.7	69.4	69.8
59.6	62.6	63.7	65.0	65.8	66.1	67.2	67.5	67.5	68.2	68.7	68.7	69.5	69.6	70.3	70.7
60.0	63.3	64.4	65.7	66.5	66.7	67.9	68.2	68.2	68.9	69.4	69.4	70.2	70.3	71.2	71.4
60.8	64.2	65.3	66.6	67.4	67.8	68.9	69.2	69.2	69.9	70.4	70.4	71.2	71.3	72.0	72.4
61.7	65.1	66.2	67.5	68.5	68.8	69.9	70.3	70.3	71.0	71.4	71.4	72.2	72.3	73.0	73.5
63.0	66.6	67.8	69.2	70.2	70.5	71.6	72.0	72.0	72.7	73.1	73.1	73.9	74.0	74.7	75.2
66.3	69.9	71.2	72.8	73.7	74.0	75.2	75.6	75.6	76.3	76.8	76.8	77.6	77.7	78.4	78.8
67.2	71.0	72.3	74.0	74.9	75.3	76.4	76.9	76.9	77.6	78.0	78.0	78.8	78.9	79.6	80.1
69.6	73.5	75.1	77.1	78.0	78.4	79.6	80.1	80.1	80.9	81.3	81.3	82.1	82.2	82.9	83.4
69.9	73.8	75.4	77.4	78.4	78.7	80.0	80.4	80.4	81.2	81.7	81.7	82.5	82.6	83.3	83.7
71.1	75.2	76.8	78.8	79.8	80.3	81.9	82.5	82.5	83.3	83.7	83.7	84.5	84.6	85.3	85.8
72.8	76.9	78.6	80.6	81.7	82.1	83.8	84.9	84.9	85.8	86.2	86.2	87.0	87.1	87.8	88.3
74.6	78.7	80.4	82.5	83.7	84.2	86.0	87.0	87.0	88.2	88.6	88.6	89.4	89.5	90.2	90.7
75.5	79.8	81.5	83.6	84.9	85.3	87.1	88.2	88.2	89.3	89.7	89.7	90.5	90.7	91.3	91.8
76.5	81.1	82.8	85.1	86.3	86.8	88.6	89.7	89.7	90.9	91.6	91.6	92.3	92.5	93.2	93.6
77.6	82.1	83.8	86.1	87.4	87.8	89.6	90.8	90.8	92.0	92.7	92.7	93.5	93.6	94.3	94.8
78.2	82.9	84.6	86.9	88.2	88.6	90.4	91.6	91.6	92.8	93.6	93.6	94.5	94.6	95.3	95.8
78.4	83.0	84.7	87.0	88.3	88.7	90.5	91.7	91.7	92.9	93.8	93.8	94.8	94.9	95.6	96.0
78.8	83.5	85.2	87.5	88.7	89.2	91.0	92.1	92.1	93.4	94.3	94.3	95.4	95.6	96.2	96.7
78.9	83.9	85.6	88.0	89.3	89.9	91.8	93.1	93.1	94.3	95.2	95.2	96.4	96.5	97.2	97.6
79.0	84.1	85.9	88.3	89.6	90.2	92.3	93.6	93.6	95.2	96.1	96.1	97.3	97.4	98.3	98.7
79.0	84.1	85.9	88.3	89.6	90.2	92.3	93.6	93.6	95.3	96.2	96.2	97.5	97.6	98.9	99.3
79.0	84.1	85.9	88.3	89.6	90.2	92.3	93.6	93.6	95.3	96.2	96.2	97.5	97.6	98.9	99.3

TOTAL NUMBER OF OBSERVATIONS 87

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-12-80 COLD LAKE APT CN

73-87

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0900-1100

33.4	37.2	37.2	37.8	38.5	38.5	39.0	39.2	39.2	40.1	40.3	40.4	41.1	41.1	41.6	42.4
39.6	44.0	44.9	45.7	46.8	46.9	47.5	47.8	47.8	48.7	49.0	49.1	49.8	49.8	50.2	51.1
39.6	44.0	44.9	45.7	46.8	46.9	47.5	47.8	47.8	48.7	49.0	49.1	49.8	49.8	50.2	51.1
47.0	44.3	45.2	46.0	47.4	47.5	48.1	48.5	48.5	49.4	49.7	49.8	50.5	50.5	50.9	51.8
43.5	47.9	49.7	49.9	51.3	51.4	51.9	52.4	52.4	53.4	53.6	53.8	54.4	54.4	54.9	55.8
48.5	53.4	54.4	55.9	57.3	57.4	58.3	59.1	59.1	60.5	60.7	60.8	61.5	61.5	62.1	63.0
55.3	55.7	56.9	58.4	60.3	60.4	61.3	62.2	62.2	63.6	63.9	64.0	64.7	64.7	65.3	66.2
53.4	58.4	59.6	61.6	63.6	63.7	64.6	65.7	65.7	67.1	67.4	67.5	68.2	68.2	68.8	69.7
55.8	61.0	62.2	64.2	66.5	66.6	67.8	68.9	68.9	70.5	70.8	71.0	71.6	71.6	72.2	73.1
56.4	61.6	62.8	65.0	67.3	67.4	68.7	69.8	69.8	71.4	71.8	71.9	72.6	72.6	73.1	74.0
57.3	62.6	63.8	65.1	68.3	68.5	69.7	70.8	70.8	72.4	72.8	72.9	73.6	73.6	74.1	75.1
57.4	62.8	63.9	66.2	68.5	68.7	69.9	71.1	71.1	72.7	73.0	73.1	73.8	73.8	74.4	75.3
56.5	64.1	65.3	67.8	71.2	70.4	71.9	73.1	73.1	74.8	75.2	75.3	76.0	76.0	76.5	77.4
59.3	64.9	66.2	68.8	71.4	71.6	73.2	74.6	74.6	76.3	76.7	76.8	77.4	77.4	78.0	78.9
62.4	68.2	69.5	72.3	75.1	75.4	77.0	78.4	78.4	80.2	80.6	80.8	81.4	81.4	82.0	82.9
63.2	69.0	70.4	73.3	76.4	76.8	78.4	79.7	79.7	81.5	82.0	82.1	82.8	82.8	83.4	84.3
64.2	70.4	71.8	74.7	77.8	78.2	79.8	81.3	81.4	83.5	83.9	84.1	84.7	84.7	85.3	86.2
64.2	70.4	71.8	74.7	77.8	78.2	79.8	81.3	81.4	83.5	83.9	84.1	84.7	84.7	85.3	86.2
65.4	71.6	73.3	76.5	79.6	80.1	82.0	83.7	83.9	86.0	86.4	86.6	87.2	87.2	87.8	88.7
66.3	72.7	74.4	77.7	80.8	81.2	83.3	85.0	85.2	87.2	87.7	87.8	88.5	88.5	89.1	90.0
67.8	74.3	76.1	79.5	82.6	83.0	85.1	86.8	87.0	89.2	89.6	89.7	90.4	90.4	91.0	91.9
68.7	75.2	77.2	80.6	83.7	84.2	86.2	87.9	88.2	90.3	90.8	90.9	91.6	91.6	92.1	93.1
69.2	76.1	78.1	81.5	84.6	85.1	87.1	89.0	89.2	91.3	91.8	91.9	92.6	92.6	93.2	94.1
69.8	76.7	78.7	82.1	85.2	85.6	87.7	89.5	89.9	92.0	92.6	92.7	93.4	93.4	94.0	94.9
70.5	77.4	79.5	83.1	86.2	86.7	88.7	90.5	90.9	93.1	93.6	93.7	94.5	94.5	95.1	96.0
70.8	77.9	80.0	83.7	86.9	87.4	89.4	91.2	91.6	93.7	94.3	94.4	95.2	95.2	95.8	96.7
71.2	78.2	80.4	84.2	87.4	87.8	89.9	91.7	92.0	94.2	94.8	94.9	95.9	95.9	96.5	97.4
71.2	78.2	80.4	84.3	87.6	88.0	90.3	92.3	92.6	94.8	95.6	95.7	96.8	96.8	97.4	98.3
71.3	78.5	80.6	84.5	87.9	88.4	90.8	92.7	93.1	95.4	96.4	96.5	97.6	97.6	98.5	99.4
71.3	78.5	80.6	84.5	87.9	88.4	90.8	92.7	93.1	95.4	96.4	96.5	97.6	97.6	98.7	99.8
71.3	78.5	80.6	84.5	87.9	88.4	90.8	92.7	93.1	95.4	96.4	96.5	97.6	97.6	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 578

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.12.0 COLD LAKE APT ON

73-82

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1000-1400

44.8	47.3	48.3	46.4	45.6	48.7	48.8	49.0	49.0	49.0	49.0	49.0	49.2	49.2	49.3	49.5
52.9	55.6	56.8	57.2	57.6	57.7	57.9	58.4	58.4	58.4	58.5	58.5	58.6	58.6	58.7	59.0
53.7	55.7	56.9	57.4	57.7	57.8	58.0	58.5	58.5	58.5	58.5	58.6	58.7	58.7	58.8	59.1
53.0	55.7	56.9	57.4	57.7	57.8	58.0	58.5	58.5	58.5	58.5	58.6	58.7	58.7	58.8	59.1
53.8	56.5	57.7	58.1	58.5	58.6	58.8	59.3	59.3	59.3	59.4	59.4	59.5	59.5	59.6	59.9
56.7	59.8	61.1	61.5	61.8	62.0	62.2	62.6	62.6	62.6	62.7	62.7	63.2	63.2	63.3	63.6
60.5	64.0	65.2	65.9	66.8	66.9	67.2	67.9	67.9	67.9	68.0	68.0	68.2	68.5	68.6	68.9
62.7	66.4	67.8	68.9	70.0	70.1	70.7	71.5	71.5	71.6	71.7	71.7	71.9	72.2	72.3	72.6
63.9	67.7	69.3	70.1	71.4	71.5	72.1	73.0	73.0	73.1	73.2	73.2	73.4	73.6	73.7	74.1
65.8	69.7	71.0	72.2	73.8	74.0	74.9	75.8	75.8	75.9	76.2	76.2	76.2	76.4	76.5	76.9
66.0	69.9	71.3	72.5	74.2	74.3	75.2	76.1	76.1	76.2	76.3	76.3	76.5	76.8	76.9	77.2
66.1	70.0	71.4	72.6	74.5	74.6	75.5	76.4	76.4	76.5	76.7	76.7	76.9	77.1	77.2	77.6
66.3	70.3	71.6	72.8	74.7	74.9	75.8	76.7	76.7	76.8	76.9	76.9	77.1	77.3	77.4	77.8
68.0	71.9	73.3	74.5	76.4	76.5	77.7	78.8	78.8	78.9	79.0	79.0	79.2	79.5	79.6	79.9
68.6	72.6	74.0	75.3	77.2	77.3	78.5	79.6	79.6	79.7	79.8	79.8	80.0	80.2	80.4	80.7
70.0	74.1	75.5	76.9	79.0	79.1	80.6	82.0	82.0	82.3	82.4	82.4	82.6	82.8	82.9	83.3
70.9	75.3	76.8	78.2	80.4	80.6	82.0	83.6	83.6	83.8	84.0	84.0	84.2	84.4	84.5	84.8
71.9	76.3	77.9	79.5	81.8	82.2	83.8	85.4	85.4	85.7	85.9	85.9	86.1	86.3	86.4	86.8
72.6	77.2	78.8	80.5	82.8	83.2	84.8	86.4	86.4	86.8	86.9	86.9	87.1	87.3	87.4	87.8
74.5	79.7	81.3	82.9	85.4	85.7	87.4	89.0	89.0	89.5	89.6	89.6	89.8	90.1	90.2	90.6
76.1	81.5	83.1	84.7	87.3	87.7	89.3	91.0	91.1	91.6	91.7	91.7	91.9	92.3	92.4	92.7
77.6	83.2	84.8	86.5	89.3	89.7	91.4	93.0	93.3	94.2	94.3	94.3	94.5	94.8	94.9	95.3
77.9	83.5	85.2	86.9	89.7	90.0	91.7	93.4	93.6	94.5	94.6	94.6	94.8	95.2	95.3	95.6
78.2	83.8	85.5	87.3	90.1	90.5	92.1	93.8	94.1	94.9	95.2	95.3	95.5	95.8	96.0	96.3
78.2	83.8	85.5	87.4	90.2	90.6	92.3	94.1	94.3	95.2	95.6	95.7	96.0	96.3	96.4	96.7
78.9	84.5	86.2	88.1	90.9	91.2	93.0	94.8	95.1	96.0	96.5	96.6	96.9	97.2	97.3	97.6
79.2	85.1	86.8	88.8	91.6	91.9	93.7	95.5	95.7	96.6	97.2	97.3	97.5	97.9	98.0	98.3
79.5	85.5	87.2	89.2	92.1	92.5	94.3	96.1	96.3	97.3	97.9	98.0	98.2	98.5	98.7	99.0
79.6	85.6	87.4	89.5	92.4	92.7	94.5	96.3	96.5	97.6	98.2	98.3	98.5	98.9	99.0	99.3
79.6	85.6	87.4	89.5	92.6	92.9	94.7	96.5	96.7	97.9	98.4	98.5	98.8	99.2	99.3	99.7
79.6	85.6	87.4	89.5	92.6	92.9	94.7	96.5	96.7	97.9	98.4	98.5	98.8	99.2	99.3	99.7
79.6	85.6	87.4	89.5	92.6	92.9	94.7	96.5	96.7	97.9	98.4	98.5	98.8	99.2	99.3	99.7

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

71200 COLD LAKE APT. CN

73-82

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

46.1	47.4	47.5	47.5	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.8	47.8
57.1	58.4	58.8	59.1	59.3	59.3	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7
57.1	58.4	58.8	59.1	59.3	59.3	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7
57.1	58.4	58.8	59.1	59.3	59.3	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7
57.5	58.8	59.3	59.6	59.9	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4
60.4	61.7	62.4	62.7	63.1	63.1	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6
65.9	67.8	68.3	68.7	69.8	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2
67.5	69.4	70.0	70.4	71.6	71.7	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5
68.5	70.4	71.1	71.5	72.7	72.8	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6
70.4	72.3	73.0	73.4	74.7	74.9	75.5	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9
70.9	72.7	73.4	74.0	75.3	75.5	76.0	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.5	76.5
71.5	73.4	74.1	74.7	76.2	76.5	77.0	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.5	77.5
72.0	73.8	74.5	75.3	76.7	77.0	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	78.0	78.0
72.7	74.8	75.5	76.4	77.8	78.1	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1
73.6	75.7	76.4	77.4	78.9	79.2	79.8	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.4	80.4
75.5	77.6	78.6	79.8	81.8	82.2	83.2	83.6	83.6	83.8	83.9	83.9	83.9	83.9	84.0	84.0
76.2	78.6	79.6	80.9	83.1	83.6	84.5	84.9	84.9	85.1	85.2	85.2	85.2	85.2	85.3	85.3
78.3	81.0	82.0	83.4	85.8	86.4	87.7	88.1	88.1	88.3	88.5	88.5	88.6	88.6	88.7	88.7
78.7	81.5	82.6	84.1	86.4	87.2	88.6	89.0	89.0	89.2	89.4	89.4	89.5	89.5	89.6	89.6
80.6	83.6	84.7	86.2	88.5	89.3	91.2	91.5	91.5	91.7	91.9	91.9	92.1	92.1	92.2	92.2
81.8	84.9	86.0	87.6	90.0	90.7	92.7	93.3	93.5	93.7	93.9	93.9	94.0	94.0	94.2	94.2
82.3	85.5	86.6	88.3	90.6	91.4	93.5	94.0	94.4	95.1	95.4	95.4	95.6	95.6	95.7	95.7
82.5	85.8	86.9	88.5	90.8	91.6	93.7	94.3	94.6	95.4	95.6	95.6	95.8	95.8	95.9	95.9
83.3	86.3	87.4	89.1	91.4	92.2	94.3	94.8	95.1	95.9	96.1	96.1	96.5	96.5	96.6	96.6
83.2	86.5	87.6	89.3	91.8	92.6	94.7	95.3	95.6	96.4	97.1	97.1	97.5	97.5	97.6	97.6
83.3	86.8	87.9	89.5	92.1	92.8	94.9	95.5	95.8	96.7	97.5	97.5	97.8	98.0	98.1	98.1
83.9	87.3	88.4	90.1	92.6	93.4	95.5	96.0	96.4	97.2	98.0	98.0	98.5	98.7	98.8	98.8
84.2	87.9	89.0	90.7	93.3	94.0	96.1	96.7	97.0	98.0	98.9	98.9	99.3	99.6	99.7	99.7
84.3	88.0	89.1	90.8	93.4	94.2	96.2	96.8	97.1	98.1	99.0	99.0	99.4	99.7	99.8	99.9
84.3	88.0	89.1	90.8	93.4	94.2	96.4	96.9	97.2	98.2	99.1	99.1	99.6	99.8	99.9	100.0
84.3	88.0	89.1	90.8	93.4	94.2	96.4	96.9	97.2	98.2	99.1	99.1	99.6	99.8	99.9	100.0
84.3	88.0	89.1	90.8	93.4	94.2	96.4	96.9	97.2	98.2	99.1	99.1	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 906

FEDERAL BUREAU OF SURVEY
U.S. AIR FORCE
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 12 3 COLD LAKE APT. CA

73-87

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1950-1951

48.5	49.1	49.3	49.3	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	50.0
55.3	56.0	56.3	56.4	57.0	57.0	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.3
55.3	56.0	56.3	56.4	57.0	57.0	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.3
55.3	56.0	56.4	56.5	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.4
58.1	58.9	59.4	59.5	60.3	60.3	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.6
62.6	64.0	64.5	64.9	65.7	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	66.0
64.4	65.9	66.4	67.2	68.2	68.2	68.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.6
66.4	68.0	68.6	69.4	70.4	70.4	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.7
68.6	70.4	71.0	71.9	72.9	72.9	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4
68.8	70.6	71.3	72.3	73.3	73.3	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.8
69.6	71.4	72.0	73.0	74.0	74.0	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.6
70.0	71.7	72.7	73.7	74.7	74.7	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3
70.7	72.6	73.4	74.5	75.6	75.6	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.2
71.4	73.4	74.4	75.7	77.0	77.0	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.5
72.9	75.4	76.8	78.5	79.9	80.0	80.3	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.8
74.3	77.0	78.5	80.5	82.1	82.3	82.8	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.3
76.5	79.4	81.3	83.4	85.2	85.6	86.2	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	87.0
77.4	80.3	82.3	84.6	86.7	87.0	87.8	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.6
78.6	81.8	83.8	86.0	88.5	88.8	89.2	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.7
81.1	84.3	86.4	88.7	91.2	91.5	92.6	93.3	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.8
81.3	84.6	86.6	89.1	91.6	91.9	93.1	93.7	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3
81.5	84.8	86.8	89.4	91.8	92.2	93.4	94.1	94.3	95.2	95.2	95.2	95.2	95.2	95.2	95.3
81.7	85.0	87.0	89.6	92.1	92.4	93.7	94.4	94.6	95.5	95.6	95.6	95.6	95.6	95.6	95.7
82.0	85.5	87.5	90.0	92.5	92.8	94.2	94.9	95.1	96.0	96.3	96.3	96.3	96.3	96.3	96.4
82.4	85.9	87.9	90.5	93.0	93.3	94.6	95.3	95.5	96.4	97.0	97.0	97.1	97.1	97.1	97.2
83.4	86.9	89.1	91.7	94.2	94.5	95.9	96.5	96.8	97.7	98.2	98.2	98.3	98.3	98.3	98.4
83.8	87.2	89.5	92.1	94.7	95.1	96.5	97.2	97.4	98.3	98.9	98.9	99.2	99.2	99.2	99.2
83.9	87.5	89.7	92.4	95.1	95.4	96.9	97.5	97.8	98.7	99.2	99.2	99.3	99.3	99.3	99.4
83.9	87.5	89.7	92.4	95.1	95.5	97.0	97.7	97.9	98.8	99.3	99.4	99.6	99.6	99.6	99.8
83.9	87.5	89.7	92.4	95.1	95.5	97.0	97.7	97.9	98.8	99.3	99.4	99.6	99.6	99.6	99.8
84.0	87.6	89.8	92.5	95.2	95.6	97.1	97.8	98.0	98.9	99.4	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 894

GLOBAL CLIMATOLOGY BRANCH
USPFTAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12120 COLD LAKE APT CN

73-82

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

210-2300

46.0	47.5	48.0	48.1	48.3	48.3	48.5	48.5	48.5	48.5	48.8	49.8	48.8	49.1	49.1	49.1	49.2
49.6	51.2	51.7	51.9	52.2	52.2	52.2	52.4	52.4	52.4	52.7	52.7	52.7	52.9	52.9	52.9	53.0
49.6	51.2	51.7	51.9	52.2	52.2	52.2	52.4	52.4	52.4	52.7	52.7	52.7	52.9	52.9	52.9	53.0
49.6	51.2	51.7	51.9	52.2	52.2	52.2	52.4	52.4	52.4	52.7	52.7	52.7	52.9	52.9	52.9	53.0
49.8	51.7	52.3	52.5	52.7	52.7	52.7	52.9	52.9	52.9	53.3	53.3	53.3	53.5	53.5	53.5	53.6
51.9	53.9	54.5	54.9	55.2	55.2	55.5	55.5	55.5	55.5	55.8	55.8	55.8	56.0	56.0	56.0	56.1
57.2	59.8	61.3	60.8	61.1	61.2	61.4	61.4	61.4	61.4	62.1	62.1	62.1	62.3	62.3	62.3	62.4
58.9	61.4	62.0	62.7	63.3	63.4	63.8	63.8	63.8	63.8	64.4	64.4	64.4	64.6	64.6	64.6	64.8
61.2	63.9	64.4	65.2	65.9	66.0	66.3	66.3	66.3	66.3	67.0	67.0	67.0	67.2	67.2	67.2	67.3
63.5	66.5	67.2	68.1	68.7	68.8	69.2	69.2	69.2	69.2	69.8	69.8	69.8	70.1	70.1	70.1	70.2
64.3	67.3	68.1	69.1	69.7	69.8	70.2	70.2	70.2	70.2	70.8	70.8	70.8	71.0	71.0	71.0	71.2
65.7	68.8	69.6	70.6	71.3	71.4	71.7	71.7	71.7	71.7	72.4	72.4	72.4	72.6	72.6	72.6	72.7
66.6	69.7	70.5	71.7	72.4	72.5	72.8	72.8	72.8	72.8	73.5	73.5	73.5	73.7	73.7	73.7	73.8
67.6	70.7	71.6	72.9	73.7	73.8	74.1	74.3	74.3	74.3	74.9	74.9	74.9	75.1	75.1	75.1	75.2
68.3	71.4	72.3	73.8	74.6	74.9	75.4	75.5	75.5	75.5	76.2	76.2	76.2	76.5	76.5	76.5	76.6
69.7	72.9	74.1	76.2	77.1	77.7	78.1	78.2	78.2	78.2	79.0	79.0	79.0	79.2	79.2	79.2	79.3
71.7	75.2	76.5	78.8	79.7	80.6	81.0	81.1	81.1	81.1	81.9	81.9	81.9	82.1	82.1	82.1	82.2
74.3	78.6	80.0	82.7	83.8	84.8	85.2	85.4	85.4	85.4	86.2	86.2	86.2	86.4	86.4	86.4	86.5
75.0	78.8	80.2	82.9	84.1	85.1	85.6	85.9	85.9	85.9	86.6	86.6	86.6	86.9	86.9	86.9	87.0
77.1	80.9	82.4	85.3	85.5	87.5	88.7	89.0	89.0	89.0	89.7	89.7	89.7	89.9	89.9	89.9	90.1
79.2	83.2	85.0	87.8	89.1	90.1	91.3	92.6	93.0	93.8	93.9	93.9	93.9	94.1	94.1	94.1	94.3
80.2	84.4	86.2	89.1	90.3	91.3	92.5	93.6	94.3	95.4	95.5	95.5	95.5	95.7	95.7	95.7	95.8
80.9	85.1	86.9	89.7	90.9	91.9	93.1	94.5	94.9	96.0	96.2	96.2	96.2	96.5	96.5	96.5	96.6
81.3	85.5	87.3	90.2	91.4	92.4	93.6	94.9	95.4	96.5	96.7	96.7	96.7	96.9	96.9	96.9	97.0
81.4	85.6	87.5	90.4	91.6	92.6	93.8	95.1	95.6	96.7	97.0	97.0	97.0	97.2	97.2	97.2	97.3
81.7	85.9	87.7	90.6	91.8	92.8	94.0	95.4	95.8	96.9	97.2	97.2	97.2	97.5	97.5	97.5	97.6
82.2	86.5	88.4	91.3	92.5	93.5	94.7	96.0	96.5	97.7	98.0	98.0	98.0	98.2	98.2	98.2	98.3
82.5	87.0	88.8	91.7	92.9	93.9	95.1	96.5	96.9	98.1	98.5	98.5	98.5	98.7	98.7	98.7	98.8
82.5	87.1	89.0	91.9	93.1	94.1	95.4	96.8	97.2	98.5	98.8	98.8	98.8	99.0	99.0	99.0	99.1
82.8	87.4	89.3	92.3	93.5	94.5	95.8	97.2	97.7	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.7
82.8	87.4	89.3	92.3	93.5	94.5	95.8	97.2	97.7	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.9
82.8	87.4	89.3	92.3	93.5	94.5	95.8	97.2	97.7	98.9	99.2	99.2	99.2	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 935

FEDERAL BUREAU OF SURVEY
U.S. DEPARTMENT OF COMMERCE
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1950 COLD LAKE APT. CA

73-57

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

43.1	44.3	45.2	45.5	45.8	45.9	46.1	46.2	46.7	46.5	46.7	46.7	47.1	47.1	47.3	47.7
49.0	50.8	51.4	51.6	52.3	52.3	52.6	52.7	52.7	53.1	53.3	53.3	53.6	53.7	53.9	54.3
49.0	50.8	51.5	51.6	52.3	52.3	52.6	52.8	52.8	53.1	53.3	53.3	53.6	53.7	53.9	54.3
49.4	51.2	51.9	52.3	52.8	52.8	53.1	53.3	53.3	53.6	53.8	53.8	54.2	54.2	54.4	54.9
51.8	53.8	54.5	54.9	55.5	55.5	55.8	56.0	56.0	56.4	56.5	56.6	56.9	57.1	57.2	57.7
56.3	58.7	59.5	60.0	60.8	60.9	61.2	61.5	61.5	61.9	62.1	62.1	62.5	62.5	62.6	63.2
58.6	61.2	62.0	62.9	63.9	64.0	64.4	64.8	64.8	65.2	65.4	65.4	65.8	65.8	66.1	66.5
60.7	63.4	64.2	65.2	66.3	66.4	66.9	67.2	67.2	67.7	67.9	68.0	68.3	68.4	68.5	69.1
63.0	65.9	66.7	67.8	69.1	69.2	69.8	70.1	70.1	70.7	70.9	70.9	71.3	71.3	71.6	72.0
63.5	66.4	67.3	68.4	69.7	69.8	70.5	70.8	70.8	71.4	71.6	71.6	72.0	72.0	72.3	72.7
64.4	67.3	68.3	69.5	70.8	71.0	71.6	71.9	71.9	72.5	72.7	72.7	73.1	73.2	73.4	73.9
65.7	68.0	68.9	70.2	71.6	71.8	72.4	72.8	72.8	73.3	73.5	73.5	73.9	74.0	74.2	74.7
66.2	69.3	70.2	71.6	73.1	73.2	73.9	74.4	74.4	74.9	75.2	75.2	75.5	75.6	75.8	76.3
66.9	70.1	71.2	72.6	74.2	74.4	75.1	75.6	75.6	76.1	76.4	76.4	76.7	76.8	77.0	77.5
69.0	72.4	73.5	75.3	77.0	77.3	78.2	78.7	78.7	79.3	79.5	79.6	79.9	80.0	80.2	80.7
70.1	73.7	75.0	76.8	78.7	79.0	80.0	80.5	80.5	81.2	81.4	81.5	81.8	81.9	82.1	82.6
72.3	76.0	77.5	79.5	81.5	82.0	83.0	83.6	83.7	84.4	84.6	84.7	85.0	85.1	85.3	85.8
72.8	76.6	78.1	80.2	82.3	82.7	83.8	84.5	84.5	85.2	85.4	85.5	85.8	85.9	86.1	86.6
74.4	78.4	79.9	82.1	84.3	84.7	86.2	86.9	86.9	87.6	87.9	87.9	88.3	88.4	88.6	89.1
76.3	80.5	82.1	84.3	86.4	86.9	88.4	89.5	89.7	90.4	90.7	90.7	91.1	91.2	91.4	91.9
77.5	81.8	83.5	85.7	88.0	88.4	90.0	91.1	91.3	92.4	92.7	92.7	93.1	93.2	93.4	93.9
78.0	82.3	84.0	86.3	88.6	89.0	90.6	91.7	91.9	93.0	93.4	93.4	93.8	93.8	94.1	94.5
78.6	83.0	84.7	87.0	89.3	89.7	91.4	92.5	92.7	93.8	94.2	94.2	94.6	94.7	94.9	95.4
79.7	83.4	85.2	87.5	89.8	90.3	91.9	93.1	93.3	94.4	95.0	95.0	95.4	95.5	95.8	96.2
79.5	84.0	85.7	88.1	90.4	90.9	92.5	93.7	93.9	95.1	95.7	95.8	96.2	96.3	96.5	97.1
80.1	84.6	86.4	88.8	91.1	91.6	93.2	94.4	94.6	95.8	96.5	96.5	96.9	97.0	97.3	97.7
80.4	85.0	86.8	89.3	91.6	92.1	93.8	94.9	95.1	96.4	97.1	97.1	97.6	97.7	98.0	98.4
80.5	85.2	87.0	89.5	91.9	92.4	94.1	95.3	95.5	96.7	97.5	97.5	98.1	98.2	98.4	98.9
80.6	85.3	87.1	89.7	92.1	92.7	94.4	95.6	95.9	97.2	97.9	98.0	98.5	98.7	99.0	99.5
80.8	85.3	87.1	89.7	92.1	92.7	94.4	95.6	95.9	97.2	97.9	98.0	98.5	98.7	99.0	99.5
80.6	85.4	87.1	89.7	92.2	92.7	94.4	95.7	95.9	97.2	98.0	98.0	98.6	98.8	99.2	99.6

TOTAL NUMBER OF OBSERVATIONS 7135

FEDERAL CLIMATOLOGY BRANCH
WAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73-12-0 GOLD LAKE APT. ON

73-84

58

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-2200

53.9	54.8	55.7	55.4	55.5	55.5	55.9	55.9	55.9	56.0	56.1	56.1	56.1	56.1	56.4	56.5
55.9	57.0	57.4	57.7	57.9	57.9	58.2	58.2	58.2	58.4	58.5	58.5	58.5	58.5	58.7	58.9
55.7	57.0	57.4	57.7	57.9	57.9	58.2	58.2	58.2	58.4	58.5	58.5	58.5	58.5	58.7	58.9
56.0	57.1	57.5	57.9	58.0	58.0	58.4	58.4	58.4	58.5	58.6	58.6	58.6	58.6	58.9	59.0
56.6	57.7	58.1	58.5	58.6	58.6	59.0	59.0	59.0	59.1	59.2	59.2	59.2	59.2	59.5	59.6
58.9	60.0	60.3	60.7	60.8	60.8	61.2	61.2	61.2	61.5	61.6	61.6	61.6	61.6	61.8	62.0
63.9	65.4	65.9	66.3	66.4	66.4	67.0	67.0	67.0	67.3	67.4	67.4	67.4	67.4	67.7	67.8
66.6	66.5	69.0	69.6	69.8	69.8	70.4	70.4	70.4	70.6	70.8	70.8	70.8	70.8	71.0	71.1
69.1	71.1	71.7	72.4	72.5	72.6	73.2	73.2	73.2	73.5	73.6	73.6	73.6	73.6	73.9	74.0
71.4	73.4	74.2	75.0	75.1	75.2	75.8	76.0	76.0	76.2	76.3	76.3	76.3	76.3	76.6	76.7
73.0	75.1	76.7	76.7	76.8	77.0	77.6	77.7	77.7	77.9	78.1	78.1	78.1	78.1	78.3	78.4
73.5	75.6	76.5	77.2	77.3	77.4	78.1	78.2	78.2	78.4	78.5	78.6	78.6	78.6	78.8	78.9
74.2	76.3	77.2	77.9	78.1	78.2	78.8	78.9	78.9	79.2	79.3	79.3	79.3	79.3	79.6	79.7
75.8	78.3	79.7	79.9	80.0	80.2	80.8	80.9	80.9	81.2	81.3	81.3	81.3	81.3	81.5	81.7
76.5	79.1	79.9	80.7	80.9	81.0	81.7	81.8	81.8	82.0	82.2	82.2	82.2	82.2	82.4	82.5
78.4	81.3	82.9	84.0	84.6	84.8	85.7	85.9	85.9	86.4	86.5	86.5	86.5	86.5	86.7	86.9
79.7	82.8	84.5	85.6	86.2	86.5	87.6	87.7	87.7	88.2	88.4	88.4	88.4	88.4	88.6	88.7
81.3	84.5	86.2	87.5	88.2	88.5	90.0	90.1	90.1	90.6	90.7	90.7	90.7	90.7	91.0	91.1
82.0	85.3	87.7	88.2	89.0	89.2	90.7	90.8	90.8	91.3	91.4	91.4	91.4	91.4	91.7	91.8
83.3	86.5	88.2	89.5	90.2	90.5	92.3	92.6	92.6	93.1	93.2	93.2	93.2	93.2	93.4	93.6
84.3	87.5	89.2	90.5	91.2	91.4	93.3	93.7	93.8	94.3	94.4	94.4	94.4	94.4	94.7	94.8
85.5	88.7	90.5	91.7	92.4	92.7	94.5	94.9	95.0	95.8	96.0	96.0	96.0	96.0	96.3	96.4
86.1	89.3	91.1	92.3	93.1	93.3	95.2	95.5	95.7	96.4	96.7	96.7	96.7	96.7	96.9	97.0
86.2	89.5	91.3	92.6	93.3	93.6	95.4	95.8	95.9	96.7	96.9	96.9	96.9	96.9	97.1	97.3
86.6	89.8	91.7	92.9	93.7	93.9	95.8	96.2	96.3	97.0	98.1	98.1	98.1	98.1	98.4	98.5
87.0	90.3	92.2	93.4	94.2	94.4	96.3	96.7	96.8	97.5	98.6	98.6	98.6	98.6	98.9	99.0
87.1	90.5	92.3	93.6	94.3	94.5	96.4	96.8	96.9	97.6	98.8	98.8	98.9	98.9	99.1	99.3
87.4	90.7	92.6	93.8	94.5	94.8	96.7	97.0	97.1	97.9	99.0	99.0	99.1	99.1	99.4	99.5
87.4	90.8	92.7	93.9	94.7	94.9	96.8	97.1	97.3	98.0	99.1	99.1	99.3	99.3	99.5	99.6
87.4	90.8	92.7	93.9	94.7	94.9	96.8	97.1	97.3	98.0	99.1	99.1	99.3	99.3	99.5	99.6
87.4	90.8	92.7	93.9	94.7	94.9	96.8	97.1	97.3	98.1	99.3	99.3	99.4	99.4	99.6	99.6
87.4	90.8	92.7	93.9	94.7	94.9	96.8	97.1	97.3	98.1	99.3	99.3	99.4	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 507

FEDERAL BUREAU OF SURVEY
WASH DC

CEILING VERSUS VISIBILITY

WINDY LAKE, ARIZONA

73-87

EEB

PERCENTAGE FREQUENCY OF OCCURRENCE
BASED UPON ALL OBSERVATIONS

300-3500

47.9	51.4	53.4	52.8	51.1	53.1	57.7	53.3	53.7	53.4	53.5	53.8	54.7	54.7	54.7	54.3
51.4	53.9	54.5	54.7	55.1	55.1	55.2	55.1	55.2	55.2	55.7	55.7	55.7	56.0	56.0	56.2
51.5	53.9	54.5	54.7	55.1	55.1	55.2	55.2	55.2	55.7	55.7	55.7	56.0	56.0	56.0	56.2
51.7	53.9	54.5	54.7	55.1	55.1	55.2	55.2	55.2	55.7	55.7	55.7	56.0	56.0	56.0	56.2
52.4	54.6	55.2	55.5	55.9	55.9	56.0	56.0	56.0	56.5	56.5	56.5	56.7	56.7	56.7	57.0
54.1	56.4	57.7	57.2	57.6	57.6	57.7	57.7	57.7	58.2	58.2	58.2	58.4	58.4	58.4	58.7
56.7	58.6	51.5	51.6	62.4	62.4	62.5	62.5	62.5	63.0	63.0	63.0	63.4	63.4	63.4	63.6
61.3	63.1	63.4	64.1	64.7	64.7	64.9	64.9	64.9	65.7	65.7	65.7	66.1	66.1	66.1	66.3
63.3	66.3	67.3	67.6	68.2	68.4	68.6	68.6	68.6	69.4	69.4	69.4	69.8	69.8	69.8	70.0
65.7	67.4	70.4	70.7	71.3	71.5	71.5	71.5	71.5	71.5	72.5	72.5	72.5	72.9	72.9	73.1
66.7	70.5	71.7	71.5	71.9	72.1	72.3	72.3	72.3	73.1	73.1	73.1	73.5	73.5	73.5	73.7
67.0	71.4	72.4	72.6	73.2	73.5	73.5	73.5	73.5	74.5	74.5	74.5	74.8	74.8	74.8	75.1
68.9	72.4	73.4	73.6	74.2	74.5	74.6	74.6	74.6	75.5	75.5	75.5	75.8	75.8	75.8	76.1
69.2	73.4	74.5	74.7	75.3	75.6	75.7	75.8	75.8	76.7	76.7	76.7	77.1	77.1	77.1	77.3
71.9	74.4	75.6	75.8	76.8	77.1	77.3	77.3	77.3	78.2	78.2	78.2	78.5	78.5	78.5	78.8
72.5	75.4	77.5	77.2	78.2	78.5	79.7	79.8	79.8	80.6	80.6	80.6	81.0	81.0	81.0	81.3
75.3	77.2	80.5	81.5	82.0	82.4	83.5	82.6	82.6	83.5	83.5	83.5	83.8	83.8	83.8	84.1
77.7	81.8	83.2	83.6	84.7	85.1	85.2	85.3	85.3	86.2	86.2	86.2	86.6	86.6	86.6	86.8
78.1	82.1	83.7	84.1	85.2	85.6	85.7	85.8	85.8	86.7	86.7	86.7	87.1	87.1	87.1	87.3
79.3	83.6	85.2	85.6	86.7	87.2	87.7	87.8	87.8	88.7	88.7	88.7	89.0	89.0	89.0	89.3
81.3	85.6	87.3	87.8	88.9	89.4	89.9	90.3	90.3	91.1	91.1	91.1	91.5	91.5	91.5	91.7
81.6	85.1	87.6	88.3	89.4	89.9	90.4	90.8	90.8	93.0	93.1	93.1	93.5	93.5	93.5	93.7
82.3	86.4	88.2	88.8	89.9	90.4	90.9	91.2	91.2	93.5	93.6	93.6	94.0	94.0	94.0	94.1
83.0	87.4	89.1	89.6	90.7	91.4	91.9	92.4	92.4	94.6	94.7	94.8	95.2	95.2	95.2	95.4
83.6	88.3	90.7	90.8	91.7	92.4	92.5	93.3	93.3	95.6	95.9	96.1	96.4	96.4	96.4	96.7
84.6	89.0	90.8	91.5	92.6	93.1	93.6	94.1	94.1	96.3	96.7	96.6	97.3	97.3	97.3	97.5
84.7	89.4	91.1	91.9	93.0	93.5	94.0	94.5	94.5	96.7	97.0	97.2	97.7	97.7	97.7	97.9
84.8	89.4	91.1	91.9	93.0	93.5	94.0	94.5	94.5	96.7	97.0	97.2	97.8	97.8	97.9	98.2
84.8	89.6	91.4	92.1	93.2	93.7	94.2	94.7	94.7	96.9	97.3	97.4	98.0	98.2	98.3	98.5
84.9	89.6	91.4	92.2	93.8	94.3	94.6	95.3	95.3	97.7	98.0	98.2	98.8	98.9	99.0	99.3
84.9	89.8	91.5	92.4	94.0	94.5	94.9	95.4	95.4	97.8	98.3	98.4	99.0	99.1	99.2	99.6
84.9	89.8	91.5	92.4	94.0	94.5	94.9	95.4	95.4	97.8	98.4	98.5	99.1	99.3	99.5	99.8

TOTAL NUMBER OF OBSERVATIONS 111

FEDERAL CLIMATOLOGY BRANCH
WASH DC
AIR WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

120 COLD LAKE APT ON

73-82

548

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-0000

47.3	48.8	49.1	49.8	50.7	50.1	51.5	50.8	50.8	51.0	51.4	51.4	51.8	51.0	51.9	52.6
51.3	52.8	53.1	53.8	54.0	54.1	54.6	54.9	54.9	55.1	55.5	55.5	55.9	56.2	56.0	56.8
51.4	52.9	53.3	53.9	54.1	54.3	54.8	55.0	55.0	55.3	55.6	55.6	56.0	56.1	56.1	56.9
51.6	53.1	53.5	54.1	54.4	54.5	55.0	55.3	55.3	55.5	55.9	55.9	56.3	56.4	56.4	57.1
53.0	55.1	55.5	56.1	56.4	56.5	57.1	57.3	57.3	57.5	58.1	58.1	58.5	58.6	58.6	59.4
57.4	59.3	59.8	60.4	60.6	60.9	61.4	61.6	61.6	61.9	62.5	62.5	63.0	63.1	63.1	63.9
59.0	61.4	61.9	62.6	63.0	63.3	63.8	64.0	64.0	64.4	65.0	65.0	65.5	65.6	65.6	66.4
60.0	64.0	64.5	65.3	65.6	65.9	66.4	66.6	66.6	67.0	67.6	67.6	68.1	68.3	68.3	69.0
64.0	66.8	67.3	68.1	68.5	68.8	69.3	69.5	69.5	69.9	70.5	70.5	71.0	71.1	71.1	71.9
68.1	67.3	67.8	68.6	69.0	69.3	69.8	70.0	70.0	70.4	71.0	71.0	71.5	71.6	71.6	72.4
66.6	68.8	69.3	70.1	70.5	70.8	71.5	71.8	71.8	72.1	72.8	72.8	73.3	73.4	73.4	74.1
67.5	69.8	70.3	71.1	71.6	71.9	72.6	72.9	72.9	73.3	73.9	73.9	74.4	74.5	74.5	75.3
68.3	70.9	71.4	72.3	72.8	73.0	73.8	74.0	74.0	74.4	75.0	75.0	75.5	75.6	75.6	76.4
68.9	71.8	72.3	73.1	73.6	73.9	74.6	74.9	74.9	75.3	75.9	75.9	76.4	76.5	76.5	77.3
71.0	74.3	75.0	75.0	75.9	77.4	78.1	78.4	78.4	78.8	79.4	79.4	79.9	80.0	80.0	80.8
71.9	75.4	76.1	77.1	78.0	78.5	79.4	79.6	79.6	80.0	80.6	80.6	81.1	81.3	81.3	82.0
73.5	77.1	78.0	79.1	80.1	80.9	81.9	82.3	82.3	82.8	83.4	83.4	83.9	84.0	84.0	84.8
74.5	78.0	78.9	80.1	81.1	81.9	82.9	83.3	83.3	83.8	84.4	84.4	84.9	85.0	85.0	85.8
76.1	79.9	80.9	82.1	83.1	83.9	85.3	85.6	85.6	86.1	86.8	86.8	87.3	87.4	87.4	88.1
77.8	81.5	82.4	84.0	85.0	85.8	87.1	88.3	88.3	88.8	89.4	89.4	89.9	90.0	90.0	90.8
78.3	82.0	83.1	84.9	85.9	86.6	88.0	89.1	89.1	90.3	90.9	90.9	91.4	91.5	91.5	92.3
78.9	82.6	83.8	85.5	86.5	87.3	88.6	89.8	89.8	90.9	91.5	91.5	92.0	92.1	92.1	92.9
79.5	83.3	84.4	86.1	87.1	87.9	89.3	90.4	90.4	91.5	92.4	92.4	92.9	93.0	93.0	93.8
80.3	84.1	85.3	87.1	88.1	88.9	90.3	91.5	91.5	92.6	94.0	94.0	94.5	94.6	94.6	95.4
81.0	84.9	86.0	88.0	89.0	89.8	91.1	92.4	92.4	93.6	95.0	95.1	95.6	95.8	95.8	96.5
81.4	85.3	86.4	88.4	89.4	90.1	91.5	92.6	92.8	94.0	95.4	95.5	96.1	96.3	96.3	97.0
81.8	85.8	86.9	88.9	90.0	90.8	92.1	93.4	93.4	94.6	96.0	96.1	97.0	97.1	97.3	98.0
81.9	85.9	87.0	89.0	90.1	90.9	92.4	93.6	93.6	94.9	96.3	96.4	97.3	97.5	97.8	98.5
82.1	86.0	87.1	89.3	90.6	91.4	93.0	94.3	94.3	95.6	97.3	97.4	98.3	98.5	98.8	99.6
82.7	86.1	87.3	89.4	90.8	91.5	93.1	94.4	94.4	95.8	97.5	97.6	98.5	98.8	99.1	100.0
82.8	86.1	87.3	89.4	90.8	91.5	93.1	94.4	94.4	95.8	97.5	97.6	98.5	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

500

FEDERAL CLIMATOLOGY BRANCH
WASH DC
AIR WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

WORLD WIDE WOOD LAKE APT ON

73-82

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

900-1100

43.2	45.3	45.6	46.5	46.9	46.7	47.1	47.1	47.1	47.3	47.3	47.3	47.5	47.5	48.2	48.6
52.2	55.7	56.1	57.8	58.9	58.9	59.5	59.5	59.5	59.8	59.9	59.9	60.1	60.1	60.9	61.3
53.1	55.9	56.3	58.0	59.2	59.2	59.8	59.8	59.8	60.0	60.1	60.1	60.4	60.4	61.1	61.5
53.3	56.2	56.5	58.3	59.4	59.4	60.0	60.0	60.0	60.3	60.4	60.4	60.6	60.6	61.4	61.8
53.9	56.8	57.2	58.9	60.0	60.0	60.6	60.6	60.6	60.9	61.0	61.0	61.3	61.3	62.0	62.4
55.5	58.4	58.8	60.6	61.8	61.8	62.4	62.4	62.4	62.6	62.8	62.8	63.2	63.0	63.8	64.1
56.9	62.0	62.9	65.1	66.5	66.6	67.2	67.2	67.7	67.5	67.6	67.6	68.0	68.0	68.7	69.1
51.5	64.5	65.6	68.4	69.7	70.4	71.0	71.1	71.1	71.4	71.5	71.5	71.9	71.9	72.5	73.0
62.8	66.4	67.2	70.1	71.5	72.1	72.7	72.9	72.9	73.1	73.2	73.2	73.6	73.6	74.3	74.7
64.0	67.7	68.7	71.6	73.1	73.8	74.6	75.1	75.1	75.3	75.5	75.5	75.8	75.8	76.6	77.0
64.8	68.5	69.5	72.4	73.8	74.6	75.3	75.7	75.7	76.1	76.2	76.2	76.6	76.6	77.3	77.7
65.1	68.9	70.0	73.0	74.5	75.2	76.0	76.3	76.3	76.8	77.0	77.0	77.3	77.3	78.1	78.5
65.4	69.4	70.6	73.6	75.1	75.8	76.6	77.0	77.0	77.5	77.6	77.6	78.0	78.0	78.7	79.1
66.3	70.2	71.5	74.5	76.0	77.1	78.0	78.3	78.3	78.8	79.0	79.0	79.3	79.3	80.1	80.4
66.7	71.1	72.4	75.5	77.1	78.2	79.1	79.5	79.5	80.0	80.1	80.1	80.4	80.4	81.2	81.6
68.0	72.5	73.8	77.3	79.1	80.2	81.2	81.6	81.6	82.1	82.2	82.2	82.6	82.6	83.3	83.7
68.7	73.2	74.8	78.5	80.3	81.4	82.7	83.1	83.1	83.6	83.7	83.7	84.1	84.1	84.9	85.2
70.6	75.3	77.0	80.6	82.4	83.7	85.1	85.4	85.4	85.9	86.1	86.1	86.4	86.4	87.2	87.5
70.7	75.6	77.2	80.8	82.7	83.9	85.4	85.8	85.8	86.3	86.4	86.4	86.8	86.8	87.5	87.9
71.5	76.5	78.2	82.1	84.1	85.3	86.9	87.3	87.3	87.8	87.9	87.9	88.3	88.3	89.2	89.4
72.4	77.5	79.2	83.1	85.2	86.4	88.2	88.8	88.8	89.3	89.4	89.4	89.8	89.8	90.5	90.9
72.6	77.7	79.6	83.6	86.1	87.3	89.0	89.9	89.9	91.2	91.3	91.3	91.7	91.7	92.4	92.8
73.7	78.3	80.2	84.6	87.0	88.4	90.2	91.0	91.0	92.3	92.4	92.4	92.8	92.8	93.5	93.9
73.7	79.2	81.2	85.7	88.4	89.8	91.7	92.5	92.5	93.8	94.1	94.1	94.5	94.5	95.3	95.6
73.7	79.6	81.5	86.2	89.0	90.4	92.4	93.3	93.3	94.5	95.1	95.1	95.5	95.5	96.3	96.6
73.8	79.7	81.7	86.4	89.3	90.7	92.7	93.5	93.5	94.9	95.5	95.5	95.9	95.9	96.6	97.0
73.8	79.7	81.7	86.6	89.5	90.9	92.9	93.9	93.9	95.3	95.9	95.9	96.3	96.3	97.0	97.4
74.1	80.2	82.2	87.2	90.3	91.7	93.6	94.6	94.6	96.0	96.8	96.8	97.5	97.5	98.3	98.6
74.5	80.6	82.5	87.5	90.8	92.2	94.1	95.1	95.1	96.6	97.4	97.4	98.1	98.1	98.9	99.3
74.6	80.8	82.4	87.8	91.0	92.4	94.4	95.8	95.8	97.3	98.0	98.0	98.8	98.8	99.5	99.9
74.6	80.8	82.8	87.8	91.0	92.4	94.4	95.9	95.9	97.4	98.1	98.1	98.9	98.9	99.6	100.0
74.6	80.8	82.8	87.8	91.0	92.4	94.4	95.9	95.9	97.4	98.1	98.1	98.9	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 873

GENERAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/LMAC

CEILING VERSUS VISIBILITY

2

7 12 0 COLD LAKE APT ON

73-82

553

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1200-1400

49.6	49.7	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
59.2	60.6	61.8	61.0	61.5	61.5	61.6	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
60.2	60.6	60.8	61.0	61.5	61.5	61.6	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
60.0	61.0	61.6	61.9	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
61.1	62.5	62.7	63.0	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
64.3	65.8	65.9	66.2	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
68.8	70.4	70.6	71.2	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
71.8	73.7	74.0	74.6	75.9	75.9	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
73.1	75.2	75.6	76.6	77.9	77.9	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
74.0	76.3	77.0	78.0	79.3	79.3	80.0	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
74.7	77.0	77.7	78.7	80.1	80.1	80.7	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
75.4	77.7	78.5	79.5	80.8	80.8	81.4	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
76.1	78.5	79.2	80.2	81.5	81.5	82.2	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
77.2	80.0	80.8	81.9	83.4	83.4	84.0	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
77.7	80.8	81.8	82.9	84.4	84.4	85.0	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
78.8	82.0	83.1	84.3	86.0	86.0	86.6	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
80.6	83.9	85.0	86.1	87.8	87.8	88.6	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
82.5	86.0	87.1	88.2	89.9	89.9	90.0	90.8	91.4	91.5	91.9	92.0	92.0	92.0	92.0	92.0
82.7	86.1	87.3	88.6	90.3	90.4	91.1	91.8	91.9	92.4	92.5	92.5	92.5	92.5	92.5	92.5
83.5	87.2	88.6	90.0	92.4	92.5	93.2	94.0	94.2	94.7	94.8	94.8	94.8	94.8	94.8	94.8
84.1	87.8	89.2	90.8	93.1	93.2	94.0	94.8	95.1	95.6	95.7	95.7	95.7	95.7	95.7	95.7
84.7	88.8	90.3	91.9	94.2	94.5	95.2	96.1	96.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9
85.7	89.9	91.5	93.1	95.4	95.7	96.4	97.3	97.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3
86.1	90.4	92.3	93.8	96.2	96.4	97.2	98.0	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1
86.3	90.7	92.5	94.1	96.6	96.8	97.5	98.4	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5
86.6	90.9	92.7	94.3	96.8	97.2	97.9	98.8	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9
86.6	90.9	92.7	94.5	96.9	97.3	98.0	98.9	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
86.6	90.9	92.7	94.5	96.9	97.3	98.0	98.9	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
86.6	90.9	92.7	94.5	96.9	97.3	98.0	98.9	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
86.6	90.9	92.7	94.5	96.9	97.3	98.0	98.9	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 813

WORLD CLIMATOLOGY BRANCH
USAF/ETAC
METEOROLOGICAL SERVICE/MAO

CEILING VERSUS VISIBILITY

15123 COLD LAKE APT ON

73-82

EEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1510-1700

51.4	51.7	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
51.5	52.5	62.7	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
61.5	62.6	62.7	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
62.2	63.3	63.4	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
63.5	64.6	64.7	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
67.5	68.6	68.7	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
72.1	73.4	73.5	74.3	74.6	74.6	75.2	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
74.5	75.8	76.1	77.1	77.5	77.8	78.5	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9
76.1	77.4	77.7	78.6	79.6	80.0	80.7	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2
76.8	78.3	78.5	79.5	80.4	80.6	81.9	82.1	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5
77.9	79.3	79.6	80.6	81.5	81.9	83.0	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6
78.6	80.1	80.3	81.3	82.2	82.6	83.7	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3
78.7	80.2	80.4	81.4	82.4	82.7	83.8	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4
80.0	81.4	81.6	82.6	83.6	84.1	85.3	85.5	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9
80.4	82.1	82.4	83.3	84.4	84.9	86.2	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8
82.2	84.2	84.7	85.6	87.0	87.8	89.3	89.5	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1
83.7	85.7	85.2	87.2	88.5	89.5	90.9	91.2	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8
85.4	87.4	87.9	88.9	90.2	91.2	92.9	93.1	93.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
85.5	87.6	88.0	89.0	90.5	91.4	93.1	93.4	93.4	94.3	94.3	94.3	94.3	94.3	94.3	94.3
86.2	88.5	89.0	90.0	91.5	92.6	94.4	94.7	94.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
87.2	89.5	90.0	91.1	93.0	94.1	95.9	96.4	96.6	97.5	97.5	97.6	97.6	97.6	97.6	97.6
88.0	90.5	90.9	92.0	94.0	95.0	96.9	97.3	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
88.6	91.1	91.5	92.6	94.6	95.7	97.5	97.9	98.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
88.8	91.2	91.7	92.8	94.7	95.8	97.6	98.2	98.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
88.8	91.2	91.7	92.8	94.7	95.8	97.6	98.2	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8
88.9	91.3	91.8	92.9	94.8	95.9	97.7	98.3	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
88.9	91.3	91.8	92.9	94.8	95.9	97.7	98.3	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
89.0	91.4	91.9	93.0	94.9	96.0	97.8	98.4	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
89.0	91.4	91.9	93.0	94.9	96.0	97.8	98.4	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
89.0	91.4	91.9	93.0	94.9	96.0	97.8	98.4	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
89.0	91.4	91.9	93.0	94.9	96.0	97.8	98.4	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 629

FEDERAL BUREAU OF SURVEY
U.S. AIR FORCE
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.12.0 COLD LAKE APT ON

73-87

FE5

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

18.0-20.00

54.5	54.5	54.5	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
60.8	61.1	61.2	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
60.8	61.1	61.2	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
60.8	61.1	61.2	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
61.5	61.7	61.8	62.1	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
63.6	63.9	64.0	64.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
67.1	69.4	70.0	70.4	71.3	71.5	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
71.7	71.9	72.7	73.2	74.3	75.1	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
73.3	73.6	74.6	75.2	76.3	77.1	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
75.6	75.9	77.3	77.7	79.0	79.7	80.4	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1
76.4	76.8	78.0	78.7	80.0	80.7	81.4	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1
76.8	77.2	78.3	79.1	80.4	81.1	81.7	82.2	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5
77.5	77.8	79.1	79.6	81.1	81.9	82.6	83.1	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4
78.6	79.0	80.4	81.1	82.4	83.1	84.0	84.5	84.5	84.6	84.8	84.8	84.8	84.8	84.8	84.8
79.5	80.0	81.4	82.2	83.5	84.3	85.4	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1
81.6	82.6	84.3	85.1	86.8	87.5	88.7	89.2	89.7	89.3	89.4	89.4	89.4	89.4	89.4	89.4
82.6	83.6	85.4	86.4	88.2	88.9	90.1	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8
85.0	86.0	87.8	88.8	90.6	91.3	92.4	93.2	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.7
85.3	86.3	88.0	89.0	90.8	91.6	92.7	93.5	93.5	93.8	94.0	94.0	94.0	94.0	94.0	94.0
86.4	87.4	89.2	90.2	92.0	92.9	94.5	95.5	95.5	95.8	96.0	96.0	96.0	96.0	96.0	96.0
86.9	88.2	89.9	90.9	93.2	94.0	95.5	96.7	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.4
87.2	88.4	90.2	91.2	93.6	94.3	95.8	97.1	97.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4
87.5	88.8	90.6	91.6	94.0	94.7	96.2	97.5	97.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7
87.9	89.2	90.9	91.9	94.3	95.1	96.6	97.9	97.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
88.2	89.4	91.2	92.2	94.6	95.3	96.9	98.1	98.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6
88.2	89.4	91.2	92.2	94.6	95.3	97.0	98.2	98.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7
88.2	89.4	91.2	92.2	94.6	95.3	97.0	98.2	98.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7
88.3	89.5	91.3	92.3	94.7	95.5	97.1	98.4	98.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9
88.3	89.7	91.4	92.4	94.8	95.6	97.2	98.5	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
88.3	89.7	91.4	92.4	94.8	95.6	97.2	98.5	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
88.3	89.7	91.4	92.4	94.8	95.6	97.2	98.5	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
88.3	89.7	91.4	92.4	94.8	95.6	97.2	98.5	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 794

CENTRAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 12 0 COLD LAKE APT ON

73-62

568

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

100-2000

55.5	55.9	56.3	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8
59.8	60.1	60.6	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2
59.8	60.1	60.6	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2
59.9	60.2	60.7	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3
60.2	60.6	61.2	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8
62.3	62.7	63.3	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0
66.3	67.3	68.4	68.9	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6
69.1	70.4	71.5	72.1	72.9	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5
71.1	72.3	73.4	74.0	74.9	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5
74.0	75.2	76.5	77.2	78.3	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9
75.0	76.2	77.4	78.2	79.3	79.5	79.6	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9
75.2	76.5	77.7	78.4	79.5	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1
76.1	77.3	78.5	79.3	80.4	80.6	80.7	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0
77.2	78.4	79.8	80.5	81.6	81.8	82.1	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4
78.3	79.6	81.0	81.8	83.2	83.4	83.8	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1
80.0	81.3	82.9	84.0	85.9	86.1	86.6	86.8	86.8	86.8	86.8	87.0	87.1	87.1	87.1	87.1
81.2	82.6	84.4	85.5	87.6	87.9	88.4	88.8	88.8	88.9	89.0	89.0	89.1	89.1	89.1	89.1
83.3	84.9	86.7	87.9	90.1	90.5	91.2	91.7	91.7	92.1	92.2	92.2	92.3	92.3	92.3	92.3
83.8	85.4	87.2	88.4	90.6	91.0	91.7	92.2	92.2	92.6	92.7	92.7	92.8	92.8	92.8	92.8
84.6	86.3	88.2	89.4	91.6	92.0	92.7	93.3	93.4	93.9	94.0	94.0	94.1	94.1	94.1	94.1
86.2	87.9	89.8	91.1	93.3	93.7	94.4	95.0	95.1	95.6	95.7	95.7	95.9	95.9	95.9	95.9
86.7	88.4	90.4	91.7	94.0	94.5	95.2	95.9	96.0	97.2	97.4	97.4	97.6	97.6	97.6	97.6
87.3	88.7	90.6	92.0	94.3	94.8	95.5	96.1	96.2	97.4	97.7	97.7	97.8	97.8	97.8	97.8
87.3	89.3	91.0	92.3	94.6	95.1	95.9	96.5	96.6	97.8	98.0	98.0	98.2	98.2	98.2	98.2
87.4	89.1	91.1	92.6	95.0	95.5	96.2	96.8	97.0	98.4	99.1	99.1	99.3	99.3	99.3	99.3
87.4	89.1	91.1	92.6	95.0	95.6	96.3	97.0	97.1	98.2	99.3	99.3	99.4	99.4	99.4	99.4
87.6	89.3	91.2	92.7	95.1	95.7	96.5	97.1	97.2	98.7	99.4	99.4	99.5	99.5	99.5	99.5
87.6	89.3	91.2	92.8	95.2	95.9	96.6	97.2	97.3	98.8	99.5	99.5	99.9	99.9	99.9	99.9
87.6	89.3	91.2	92.8	95.2	95.9	96.6	97.2	97.3	98.8	99.5	99.5	99.9	99.9	99.9	99.9
87.6	89.3	91.2	92.8	95.2	95.9	96.6	97.2	97.3	98.8	99.5	99.5	99.9	99.9	99.9	99.9
87.6	89.3	91.2	92.8	95.2	96.0	96.7	97.3	97.4	98.9	99.6	99.6	100.0	100.0	100.0	100.0
87.6	89.3	91.2	92.8	95.2	96.0	96.7	97.3	97.4	98.9	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 820

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 12 00 COLD LAKE APT CN

73-82

EEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

50.6	51.6	51.8	52.2	52.4	52.4	52.5	52.6	52.6	52.7	52.8	52.8	52.9	52.9	53.0	53.2
56.6	58.0	58.3	58.8	59.2	59.2	59.4	59.4	59.4	59.6	59.7	59.7	59.8	59.8	59.9	60.1
56.7	58.3	58.6	59.1	59.5	59.5	59.7	59.7	59.7	59.9	60.0	60.0	60.1	60.1	60.2	60.4
57.6	59.0	59.3	59.8	60.3	60.3	60.5	60.5	60.5	60.7	60.7	60.7	60.9	60.9	61.0	61.2
60.0	61.4	61.7	62.2	62.7	62.7	62.9	63.0	63.0	63.1	63.2	63.2	63.3	63.4	63.5	63.7
64.4	66.0	66.6	67.3	67.9	68.0	68.4	68.5	68.5	68.7	68.8	68.8	68.9	68.9	69.1	69.3
66.9	68.7	69.4	70.3	71.0	71.3	71.7	71.8	71.8	72.1	72.2	72.2	72.4	72.4	72.5	72.7
68.9	70.8	71.5	72.5	73.3	73.7	74.1	74.3	74.3	74.6	74.7	74.7	74.8	74.8	75.0	75.2
70.9	72.9	73.7	74.7	75.6	76.0	76.5	76.8	76.8	77.1	77.2	77.2	77.4	77.4	77.5	77.7
71.7	73.8	74.6	75.7	76.6	76.9	77.5	77.7	77.7	78.0	78.2	78.2	78.3	78.3	78.5	78.6
72.4	74.5	75.4	76.4	77.3	77.7	78.3	78.5	78.5	78.8	79.0	79.0	79.1	79.1	79.3	79.4
73.1	75.2	76.1	77.1	78.1	78.4	79.0	79.3	79.3	79.6	79.7	79.7	79.9	79.9	80.0	80.2
74.2	76.5	77.4	78.5	79.4	79.8	80.5	80.7	80.8	81.1	81.2	81.2	81.4	81.4	81.5	81.7
74.9	77.4	78.4	79.4	80.5	80.9	81.6	81.9	81.9	82.3	82.4	82.4	82.6	82.6	82.7	82.9
76.6	79.4	80.6	81.6	83.2	83.7	84.5	84.8	84.8	85.2	85.3	85.3	85.5	85.5	85.6	85.8
78.0	80.8	82.2	83.4	84.9	85.4	86.3	86.6	86.6	87.0	87.2	87.2	87.3	87.3	87.5	87.6
80.0	82.9	84.3	85.6	87.1	87.7	88.7	89.1	89.1	89.7	89.8	89.8	90.0	90.0	90.1	90.3
81.4	84.5	85.9	87.4	89.0	89.6	90.9	91.4	91.4	92.0	92.1	92.1	92.3	92.3	92.4	92.6
82.5	85.7	87.1	88.7	90.4	91.0	92.3	93.0	93.1	93.7	93.9	93.9	94.0	94.0	94.2	94.3
83.1	86.3	87.9	89.5	91.2	91.9	93.2	93.9	94.0	95.2	95.4	95.4	95.5	95.5	95.7	95.8
83.7	86.9	88.4	90.1	91.9	92.5	93.8	94.6	94.7	95.8	96.0	96.0	96.2	96.2	96.3	96.5
84.1	87.4	89.0	90.6	92.5	93.1	94.4	95.2	95.3	96.5	96.8	96.8	97.0	97.0	97.1	97.3
84.4	87.8	89.4	91.1	93.0	93.6	95.0	95.7	95.8	97.0	97.7	97.7	97.9	97.9	98.0	98.2
84.7	88.1	89.7	91.4	93.3	94.0	95.3	96.1	96.2	97.4	98.1	98.1	98.3	98.3	98.4	98.6
84.8	88.2	89.8	91.6	93.5	94.2	95.5	96.3	96.4	97.6	98.3	98.3	98.5	98.5	98.7	98.8
85.0	88.4	90.0	91.8	93.7	94.4	95.8	96.6	96.6	97.9	98.5	98.6	98.9	98.9	99.1	99.3
85.0	88.5	90.1	91.9	93.9	94.6	95.9	96.7	96.8	98.0	98.7	98.7	99.1	99.1	99.3	99.5
85.1	88.6	90.2	92.0	94.0	94.7	96.1	96.9	97.0	98.3	99.0	99.0	99.4	99.4	99.6	99.8
85.1	88.6	90.2	92.0	94.1	94.8	96.1	97.0	97.1	98.4	99.1	99.1	99.5	99.5	99.7	99.9
85.1	88.6	90.2	92.0	94.1	94.8	96.1	97.0	97.1	98.4	99.1	99.2	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6476

GENERAL CLIMATOLOGY BRANCH
 U.S. AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7112 D COLD LAKE APT. CA

73-82

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

000-0200

53.7	53.8	53.8	54.0	54.2	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
58.0	58.9	58.9	59.0	59.2	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
58.0	58.9	58.9	59.0	59.2	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
58.1	58.9	58.9	59.0	59.2	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
58.3	59.2	59.2	59.3	59.5	59.5	59.6	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
61.1	62.0	62.0	62.1	62.3	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
64.7	65.8	65.8	66.3	66.9	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
69.7	69.7	69.7	70.2	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
71.2	72.7	72.7	73.6	74.1	74.1	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
73.1	74.5	74.5	75.4	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
73.7	75.1	75.5	76.0	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
74.4	75.8	76.1	76.7	77.3	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
75.1	76.7	77.0	77.6	78.1	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
76.3	77.8	78.1	78.7	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
76.8	78.6	79.9	79.5	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
78.6	80.9	81.7	82.6	83.4	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
81.4	82.7	83.6	84.4	85.2	85.2	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
82.1	84.8	85.6	85.6	87.4	87.4	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
83.1	86.1	87.0	88.3	89.3	89.3	89.6	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
84.1	87.5	88.4	89.9	91.1	91.1	91.5	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
84.9	86.4	89.3	91.0	92.2	92.2	92.6	93.5	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
85.0	89.3	90.2	91.9	93.1	93.1	93.5	94.4	94.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
86.3	89.7	90.6	92.4	93.9	93.9	94.3	95.3	95.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
86.7	90.3	91.2	93.1	94.5	94.5	95.0	96.0	96.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
87.0	90.5	91.5	93.4	94.9	94.9	95.3	96.3	96.4	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4
87.4	91.0	92.0	93.9	95.3	95.3	95.8	96.8	96.9	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0
87.6	91.2	92.2	94.1	95.5	95.5	96.0	97.0	97.1	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2
87.7	91.4	92.4	94.3	95.8	95.8	96.2	97.2	97.3	98.8	99.3	99.4	99.6	99.6	99.6	99.6	99.6
87.7	91.4	92.5	94.4	95.9	95.9	96.3	97.3	97.4	98.9	99.4	99.6	99.7	99.7	99.7	99.7	99.7
87.8	91.5	92.6	94.5	96.0	96.0	96.4	97.4	97.5	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8
87.8	91.5	92.6	94.5	96.0	96.0	96.4	97.4	97.5	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0
87.8	91.5	92.6	94.5	96.0	96.0	96.4	97.4	97.5	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

FEDERAL CLIMATOLOGY BRANCH
METEOROLOGICAL SERVICE/MAC

CEILING VERSUS VISIBILITY

1220 COLD LAKE APT. CN

73-82

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

300-2500

51.7	52.3	52.6	52.6	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.3	53.4	53.7	53.9	
54.4	55.4	55.6	55.8	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.4	56.5	56.7	56.9
54.4	55.4	55.6	55.8	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.4	56.5	56.7	56.9
54.4	55.4	55.6	55.8	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.4	56.5	56.7	56.9
55.3	56.0	56.2	56.4	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.9	57.0	57.3	57.5
57.9	58.7	58.9	59.1	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.7	59.8	60.0	60.2
61.7	62.8	63.1	63.6	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.3	64.4	64.5	64.8
64.6	65.9	66.1	66.7	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.3	67.4	67.7	67.9
68.1	69.4	69.6	70.5	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1	71.3	71.5	71.7
69.7	71.0	71.3	72.2	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.9	73.0	73.2	73.4
70.2	71.5	71.7	72.8	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.4	73.6	73.8	74.0
70.9	72.3	72.6	73.8	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.5	74.6	74.9	75.1
71.9	73.4	73.7	75.1	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	76.0	76.1	76.3	76.5
72.9	74.6	74.9	76.4	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.7	77.9	78.1
73.1	74.9	75.2	76.7	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.1	78.3	78.5	78.7
74.6	76.9	77.3	78.8	79.9	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5	80.7	80.9	81.1
76.3	78.7	79.5	81.0	82.2	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.8	83.0	83.2	83.4
78.1	80.8	81.6	83.4	84.7	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.4	85.5	85.7	85.9
78.7	81.3	82.2	83.9	85.6	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.2	86.3	86.5	86.8
80.3	83.0	83.8	85.7	87.4	87.7	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.7	88.9	89.1	89.3
81.7	84.5	85.4	87.2	89.1	89.3	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.9	91.1	91.4
82.2	85.2	86.1	88.0	89.8	90.1	91.0	91.5	91.5	92.2	92.2	92.2	92.2	92.5	92.6	92.8	93.0
82.5	85.6	86.4	88.4	90.3	90.5	91.5	92.0	92.0	93.0	93.0	93.0	93.0	93.2	93.3	93.6	93.8
82.8	86.0	86.9	88.9	90.7	90.9	91.9	92.5	92.5	93.4	93.4	93.4	93.4	93.7	93.8	94.0	94.2
83.3	86.7	87.7	89.7	91.6	91.8	92.8	93.3	93.3	94.3	94.3	94.3	94.3	94.8	95.0	95.3	95.5
83.8	87.5	88.5	90.7	92.6	92.8	93.8	94.3	94.3	95.3	95.7	95.7	95.8	96.1	96.2	96.4	96.6
84.4	88.1	89.1	91.3	93.1	93.3	94.3	94.9	94.9	95.8	96.3	96.3	96.4	96.6	96.7	96.9	97.2
84.4	88.5	89.5	91.7	93.6	93.8	94.8	95.3	95.3	96.3	96.7	96.8	97.4	97.5	97.7	97.9	
84.6	89.1	90.1	92.2	94.1	94.4	95.4	96.0	96.0	96.9	97.4	97.5	98.0	98.1	98.4	98.6	
84.7	89.2	90.2	92.5	94.4	94.9	96.2	96.7	96.7	97.7	98.1	98.3	98.8	99.0	99.2	99.5	
84.7	89.2	90.2	92.5	94.4	95.0	96.3	96.8	96.8	97.8	98.3	98.4	99.0	99.2	99.6	99.8	
84.7	89.2	90.2	92.5	94.4	95.0	96.3	96.8	96.8	97.8	98.3	98.4	99.0	99.2	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 915

FEDERAL CLIMATOLOGY BRANCH
OFFICE OF THE SECRETARY
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12 COLD LAKE APT ON

73-87

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0500

48.3	49.0	49.4	49.5	49.8	49.8	50.1	50.1	50.2	50.3	50.3	50.3	50.7	50.7	50.8	51.4
52.2	54.0	54.3	54.4	54.8	54.8	55.0	55.0	55.1	55.2	55.2	55.2	55.7	55.7	55.8	56.0
52.9	54.0	54.3	54.4	54.8	54.8	55.0	55.0	55.1	55.2	55.2	55.2	55.7	55.7	55.8	56.0
52.9	54.0	54.3	54.4	54.8	54.8	55.0	55.0	55.1	55.2	55.2	55.2	55.7	55.7	55.8	56.0
53.5	54.7	55.0	55.1	55.4	55.4	55.7	55.7	55.8	55.9	55.9	55.9	56.3	56.3	56.5	57.1
56.6	57.7	58.0	58.1	58.5	58.5	58.7	58.7	58.8	58.9	59.0	59.0	59.5	59.5	59.5	60.3
62.3	63.9	64.3	64.4	64.9	65.0	65.2	65.3	65.4	65.5	65.7	65.7	66.1	66.1	66.2	66.9
64.5	66.2	66.7	66.8	67.3	67.5	67.7	67.8	67.9	68.1	68.2	68.2	68.8	68.8	68.9	69.0
67.7	69.4	69.8	70.0	70.6	70.7	70.9	71.0	71.2	71.4	71.5	71.5	72.1	72.1	72.2	72.8
69.5	71.3	71.8	72.1	72.8	73.0	73.2	73.3	73.4	73.6	73.7	73.7	74.3	74.3	74.4	75.1
69.9	71.7	72.3	72.5	73.3	73.4	73.6	73.7	73.8	74.1	74.2	74.2	74.7	74.7	74.9	75.5
71.2	73.1	73.6	73.8	74.6	74.7	75.0	75.1	75.2	75.4	75.5	75.5	76.1	76.1	76.2	76.9
71.4	73.5	74.1	74.4	75.2	75.3	75.5	75.6	75.8	76.0	76.1	76.1	76.7	76.7	76.9	77.4
71.7	73.8	74.4	74.9	75.6	75.8	76.2	76.3	76.4	76.7	76.9	76.9	77.4	77.4	77.6	78.2
72.3	74.4	75.0	75.4	76.2	76.5	77.0	77.1	77.2	77.4	77.7	77.7	78.2	78.2	78.3	79.0
73.2	75.9	76.8	77.2	78.1	78.8	79.2	79.3	79.5	79.7	79.9	79.9	80.5	80.5	80.6	81.3
75.1	77.6	78.8	79.2	80.1	80.8	81.3	81.4	81.5	81.7	81.9	81.9	82.5	82.5	82.6	83.4
76.7	79.6	80.6	81.0	82.2	82.9	83.4	83.6	83.7	84.2	84.5	84.5	85.1	85.1	85.2	86.0
76.9	79.8	80.8	81.4	82.5	83.4	83.8	84.1	84.2	84.6	85.0	85.0	85.5	85.5	85.6	86.4
79.3	82.6	83.6	84.2	85.3	86.2	87.1	87.4	87.5	88.0	88.3	88.3	88.9	88.9	89.0	89.8
80.2	83.6	84.6	85.3	86.4	87.3	88.3	89.5	89.7	90.1	90.5	90.5	91.0	91.0	91.1	91.9
81.0	84.5	85.6	86.4	87.9	88.8	89.9	91.2	91.5	92.7	93.0	93.0	93.6	93.6	93.7	94.5
81.4	84.8	86.0	87.0	88.4	89.5	90.6	91.9	92.1	93.4	93.7	93.7	94.3	94.3	94.5	95.3
81.5	85.0	86.1	87.1	88.6	89.7	90.8	92.1	92.4	93.6	93.9	93.9	94.5	94.5	94.7	95.5
81.9	85.6	86.8	87.9	89.3	90.5	91.6	92.9	93.2	94.4	94.9	94.9	95.5	95.5	95.7	96.5
82.5	86.2	87.3	88.4	89.9	91.0	92.1	93.5	93.7	94.9	95.6	95.6	96.2	96.2	96.4	97.2
82.5	86.4	87.5	88.7	90.1	91.2	92.4	93.7	93.9	95.2	95.8	95.8	96.4	96.4	96.6	97.4
82.5	86.4	87.8	89.0	90.5	91.6	92.7	94.1	94.3	95.5	96.2	96.2	96.9	96.9	97.1	97.9
82.5	86.5	87.9	89.2	90.9	92.0	93.2	94.6	94.8	96.1	97.1	97.1	97.8	97.8	98.0	98.8
82.5	86.5	87.9	89.2	91.0	92.3	93.4	94.8	95.1	96.4	97.4	97.5	98.2	98.2	98.4	99.2
82.5	86.5	87.9	89.2	91.1	92.4	93.5	95.1	95.3	96.7	98.1	98.2	98.9	98.9	99.1	99.9
82.5	86.5	87.9	89.2	91.1	92.4	93.5	95.1	95.3	96.7	98.1	98.2	98.9	98.9	99.1	99.9

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

12 0 COLD LAKE APT. ON

73-82

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0900-1100

49.4	49.9	50.7	50.8	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.3	51.3	51.5
52.5	60.0	60.9	61.0	61.5	61.6	61.9	62.1	62.1	62.1	62.1	62.1	62.2	62.3	62.3	62.4
59.6	60.2	61.0	61.2	61.6	61.7	62.1	62.2	62.2	62.2	62.2	62.2	62.3	62.4	62.4	62.5
59.7	60.3	61.2	61.3	61.7	61.6	62.2	62.3	62.3	62.3	62.3	62.3	62.4	62.5	62.5	62.6
60.8	61.4	62.3	62.4	62.8	62.9	63.3	63.4	63.4	63.4	63.4	63.4	63.5	63.6	63.6	63.7
62.2	63.5	64.4	64.5	65.1	65.2	65.5	65.6	65.6	65.6	65.7	65.7	65.8	66.0	66.0	66.1
67.5	68.2	69.1	69.4	70.1	70.2	70.6	70.8	70.9	70.9	71.0	71.0	71.1	71.2	71.2	71.3
69.5	70.3	71.3	71.7	72.4	72.7	73.1	73.2	73.3	73.3	73.4	73.4	73.5	73.7	73.7	73.8
72.3	73.3	74.3	74.7	75.4	75.7	76.2	76.3	76.6	76.6	76.8	76.8	76.9	77.0	77.0	77.1
73.2	74.3	75.3	75.7	76.5	76.6	77.5	77.6	77.8	77.8	78.0	78.0	78.1	78.2	78.2	78.3
73.5	74.7	75.7	76.0	76.8	77.1	77.8	77.9	78.1	78.1	78.3	78.3	78.5	78.6	78.6	78.7
74.6	75.7	76.7	77.0	77.8	78.1	78.8	78.9	79.1	79.1	79.4	79.4	79.5	79.6	79.6	79.7
74.9	76.1	77.1	77.7	78.7	79.0	79.7	79.8	80.0	80.0	80.2	80.2	80.4	80.5	80.5	80.6
75.7	77.0	78.0	78.7	79.7	80.1	80.9	81.0	81.3	81.3	81.5	81.5	81.6	81.7	81.7	81.8
75.7	77.3	78.3	79.0	80.0	80.5	81.4	81.5	81.7	81.7	81.9	81.9	82.0	82.1	82.1	82.3
77.6	79.2	80.4	81.3	82.3	82.8	83.8	83.9	84.2	84.2	84.4	84.4	84.5	84.6	84.6	84.7
79.1	80.8	82.0	83.0	84.0	84.7	85.8	85.9	86.3	86.3	86.5	86.5	86.6	86.7	86.7	86.8
81.1	83.0	84.3	85.3	86.3	86.9	88.3	88.4	88.7	88.7	89.0	89.0	89.1	89.2	89.2	89.3
81.6	83.6	84.9	85.9	87.2	87.8	89.2	89.3	89.6	89.6	89.8	89.8	90.0	90.1	90.1	90.2
82.8	84.7	86.3	87.4	88.7	89.4	91.0	91.2	91.5	91.6	92.0	92.0	92.2	92.3	92.3	92.4
83.3	85.9	87.3	88.4	89.7	90.4	92.0	92.6	93.2	93.3	93.6	93.6	93.9	94.0	94.0	94.1
84.7	86.9	88.3	89.4	90.7	91.4	93.0	93.6	94.2	94.2	95.2	95.2	95.4	95.5	95.5	95.6
84.9	87.3	88.6	89.7	91.1	91.7	93.3	94.1	94.6	95.3	95.6	95.6	95.9	96.0	96.0	96.1
85.3	87.6	89.0	90.1	91.4	92.1	93.9	94.6	95.0	95.9	96.5	96.5	96.8	96.9	96.9	97.0
85.4	87.9	89.3	90.4	91.7	92.4	94.2	95.0	95.5	96.2	97.2	97.2	97.4	97.5	97.5	97.7
85.7	88.5	89.8	91.0	92.3	93.0	94.8	95.5	96.1	96.9	97.8	97.9	98.1	98.2	98.2	98.3
85.7	88.5	90.0	91.1	92.5	93.3	95.1	95.9	96.4	97.1	98.1	98.2	98.4	98.5	98.5	98.7
85.7	88.6	90.1	91.2	92.7	93.5	95.3	96.1	96.7	97.3	98.4	98.5	98.9	99.0	99.0	99.1
85.7	88.6	90.1	91.2	92.7	93.8	95.5	96.3	96.9	97.7	98.8	98.9	99.2	99.3	99.3	99.4
85.7	88.6	90.1	91.2	92.7	93.8	95.5	96.3	96.9	97.7	98.9	99.3	99.8	99.9	99.9	100.0
85.7	88.6	90.1	91.2	92.7	93.8	95.5	96.3	96.9	97.7	98.9	99.3	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 896

FEDERAL BUREAU OF SURVEY
 NATIONAL CENTER FOR ENVIRONMENTAL DATA
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 12 0 COLD LAKE APT CA

73-08

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1900-1970

51.5	51.8	52.0	52.0	52.0	52.3	52.7	52.0	52.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0
64.3	64.9	65.3	65.3	65.4	65.4	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
64.4	65.0	65.4	65.4	65.6	65.6	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
65.0	65.6	66.0	66.0	66.1	66.1	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
67.0	68.6	69.1	69.5	69.6	69.6	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
71.5	72.4	72.9	73.2	73.4	73.4	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
73.1	74.2	74.9	75.3	75.4	75.4	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
74.5	75.9	76.5	76.9	77.0	77.3	77.6	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
76.1	77.3	77.9	78.3	78.4	78.6	79.0	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
76.4	77.5	78.1	78.5	78.6	78.8	79.3	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
77.4	78.5	79.2	79.5	79.6	79.6	80.3	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
79.1	79.2	79.8	80.2	80.3	80.5	80.9	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
79.5	80.2	80.6	81.2	81.3	81.5	81.9	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
81.0	81.7	81.8	81.7	81.8	82.1	82.6	83.2	83.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3
81.0	83.1	83.8	84.2	84.4	84.6	85.2	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0
84.3	85.8	86.7	87.3	87.6	87.8	88.4	89.0	89.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2
86.8	88.9	89.7	90.6	91.2	91.4	92.1	92.6	92.6	92.9	92.9	93.0	93.0	93.0	93.0	93.0
87.3	89.3	90.2	91.1	91.6	91.9	92.5	93.1	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4
88.3	90.3	91.2	92.1	92.6	92.9	93.6	94.3	94.5	94.8	94.8	94.9	94.9	94.9	94.9	94.9
88.9	91.9	91.9	92.9	93.4	93.6	94.4	95.4	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.1
90.4	92.4	93.4	94.4	95.0	95.2	96.0	97.0	97.2	96.1	96.1	96.2	96.2	96.2	96.2	96.2
90.4	92.4	93.4	94.4	95.0	95.2	96.0	97.0	97.2	96.1	96.2	96.3	96.3	96.3	96.3	96.3
91.4	92.5	93.6	94.6	95.2	95.4	96.2	97.2	97.4	98.4	99.0	99.2	99.2	99.2	99.2	99.2
91.4	92.5	93.6	94.6	95.3	95.5	96.3	97.3	97.5	98.5	99.1	99.3	99.3	99.3	99.3	99.3
92.4	92.5	93.6	94.6	95.4	95.7	96.4	97.4	97.7	98.7	99.2	99.4	99.6	99.6	99.6	99.6
92.4	92.5	93.6	94.6	95.4	95.7	96.4	97.4	97.7	98.7	99.2	99.4	99.9	99.9	99.9	99.9
93.4	92.5	93.6	94.6	95.4	95.7	96.4	97.4	97.7	98.7	99.3	99.6	100.0	100.0	100.0	100.0
93.4	92.5	93.6	94.6	95.4	95.7	96.4	97.4	97.7	98.7	99.3	99.6	100.0	100.0	100.0	100.0
93.4	92.5	93.6	94.6	95.4	95.7	96.4	97.4	97.7	98.7	99.3	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

FEDERAL BUREAU OF SURVEY
U.S. DEPARTMENT OF COMMERCE
AERIAL WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73-12-0 COLD LAKE APT. ON

73-82

46

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

15.0-17.00

47.0	47.0	47.0	47.0	47.0	47.0	47.1	47.1	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1
51.5	51.7	51.7	51.7	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
55.5	55.7	55.7	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
59.5	59.7	59.7	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
63.5	63.7	63.7	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
67.5	67.7	67.7	67.7	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
71.5	71.7	71.7	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
75.5	75.7	75.7	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
79.5	79.7	79.7	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
83.5	83.7	83.7	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
87.5	87.7	87.7	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
91.5	91.7	91.7	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
95.5	95.7	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 974

U.S. GOVERNMENT PRINTING OFFICE: 1964 O - 344-111

CEILING VERSUS VISIBILITY

2

73-60 COLD LAKE APT. ON

73-60

MA-

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

10-2300

54.7	55.0	55.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2
59.7	59.8	59.8	59.7	59.0	59.0	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2
59.7	59.8	59.8	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3
59.7	59.8	59.8	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3
60.7	60.3	61.3	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9
64.4	64.5	64.5	64.8	65.1	65.1	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4
69.4	69.5	69.5	70.1	70.5	70.5	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8
70.5	72.7	72.7	73.3	73.7	73.7	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1
74.5	75.2	77.3	76.2	76.9	77.0	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3
77.2	77.9	78.2	79.1	79.9	79.9	80.1	80.1	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3
77.2	78.5	78.9	79.6	80.4	80.6	80.8	80.8	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0
78.5	79.3	79.7	80.6	81.2	81.3	81.6	81.6	81.6	81.6	81.7	81.8	81.8	81.8	81.8	81.8
79.1	79.9	81.3	81.2	81.9	82.0	82.2	82.2	82.2	82.2	82.3	82.5	82.5	82.5	82.5	82.5
80.3	81.6	81.0	82.9	83.8	83.9	84.1	84.1	84.1	84.1	84.2	84.4	84.4	84.4	84.4	84.4
80.3	83.1	83.5	84.5	85.4	85.5	85.7	85.7	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9
84.6	85.6	86.0	87.2	88.3	88.4	88.7	88.7	88.7	88.7	88.8	88.9	88.9	88.9	88.9	88.9
85.6	86.7	87.3	88.4	89.5	89.6	90.3	90.3	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5
87.3	88.5	89.2	90.4	91.8	92.1	93.0	93.0	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2
87.7	88.9	89.7	90.9	92.4	92.6	93.5	93.6	93.6	93.6	93.7	93.9	93.9	93.9	93.9	93.9
88.0	89.0	90.3	91.5	93.1	93.3	94.5	94.7	94.7	94.7	94.9	95.0	95.0	95.0	95.0	95.0
86.9	90.4	91.2	92.4	94.0	94.2	95.5	96.2	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4
88.3	90.8	91.8	92.8	94.4	94.6	96.0	96.6	96.6	97.0	97.1	97.2	97.2	97.2	97.2	97.2
89.4	91.1	91.8	93.1	94.6	94.9	96.3	97.0	97.0	97.3	97.4	97.5	97.5	97.5	97.5	97.5
87.7	91.5	92.3	93.6	95.2	95.4	96.9	97.5	97.5	97.9	98.0	99.1	98.1	98.1	98.1	98.1
87.4	91.6	92.4	93.7	95.3	95.5	97.7	97.7	97.7	98.0	98.2	98.3	98.3	98.3	98.3	98.3
90.1	91.8	92.5	94.0	95.6	95.9	97.3	98.0	98.0	98.3	98.5	98.7	98.7	98.7	98.7	98.7
90.4	92.2	93.0	94.3	96.0	96.2	97.7	98.3	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1
90.4	92.2	93.0	94.3	96.0	96.2	97.8	98.4	98.4	98.9	99.1	99.2	99.6	99.6	99.6	99.6
90.4	92.2	93.0	94.3	96.0	96.2	97.8	98.4	98.4	98.9	99.1	99.2	99.6	99.6	99.6	99.6
90.4	92.2	93.1	94.4	96.1	96.3	97.9	98.5	98.5	99.0	99.2	99.3	99.7	99.7	99.8	99.8
90.4	92.2	93.1	94.4	96.1	96.3	97.9	98.5	98.5	99.1	99.3	99.4	99.8	99.8	99.8	99.8
90.4	92.2	93.1	94.4	96.1	96.3	97.9	98.5	98.5	99.1	99.3	99.4	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 695

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C. 20541
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7120 COLD LAKE APT ON

73-62

MAE

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

ALL

50.7	51.1	51.2	51.4	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.8	51.9
58.6	59.1	59.3	59.5	59.7	59.7	59.8	59.9	59.9	59.9	60.0	60.0	60.1	60.1	60.1	60.3
58.6	59.1	59.4	59.5	59.8	59.8	59.9	60.0	60.0	60.0	60.1	60.1	60.2	60.2	60.2	60.4
59.4	59.9	60.1	60.3	60.5	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.9	61.0	61.0	61.1
62.5	63.2	63.5	63.7	64.1	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.5	64.6	64.6	64.7
67.1	67.6	68.1	68.5	69.0	69.0	69.2	69.3	69.4	69.4	69.4	69.4	69.5	69.6	69.6	69.7
69.8	70.4	70.7	71.1	71.7	71.7	71.9	72.0	72.1	72.1	72.2	72.2	72.3	72.3	72.3	72.5
72.1	73.2	73.5	74.1	74.7	74.8	75.1	75.2	75.2	75.3	75.3	75.3	75.4	75.5	75.5	75.6
73.9	75.0	75.4	76.0	76.7	76.8	77.1	77.2	77.2	77.3	77.3	77.3	77.4	77.5	77.5	77.6
74.3	75.5	75.9	76.5	77.2	77.3	77.5	77.7	77.7	77.8	77.8	77.8	77.9	78.0	78.0	78.1
75.3	76.5	76.9	77.5	78.2	78.3	78.6	78.7	78.7	78.8	78.9	78.9	79.0	79.0	79.0	79.2
76.1	77.4	77.8	78.5	79.2	79.3	79.6	79.7	79.8	79.8	79.9	79.9	80.0	80.0	80.1	80.2
77.1	78.4	78.9	79.6	80.4	80.5	80.9	81.0	81.0	81.1	81.2	81.2	81.3	81.3	81.4	81.5
77.9	79.7	79.7	80.5	81.3	81.5	81.9	82.0	82.0	82.1	82.2	82.2	82.3	82.3	82.4	82.5
80.0	81.7	82.4	83.3	84.2	84.4	84.9	85.0	85.0	85.1	85.2	85.2	85.3	85.3	85.4	85.5
81.6	83.4	84.2	85.2	86.1	86.4	87.0	87.1	87.2	87.3	87.3	87.4	87.5	87.5	87.5	87.7
83.4	85.5	86.3	87.4	88.5	88.8	89.5	89.7	89.8	89.9	90.0	90.0	90.2	90.2	90.2	90.4
83.9	86.1	86.9	88.0	89.3	89.6	90.3	90.5	90.5	90.7	90.8	90.9	91.0	91.0	91.0	91.2
85.2	87.5	88.4	89.5	90.8	91.2	92.1	92.5	92.6	92.7	92.9	92.9	93.0	93.1	93.1	93.2
86.7	88.3	89.2	90.4	91.8	92.1	93.1	93.9	94.1	94.3	94.4	94.4	94.6	94.6	94.6	94.8
86.7	89.2	90.1	91.3	92.7	93.1	94.1	94.9	95.1	95.0	96.1	96.1	96.3	96.3	96.3	96.5
86.9	89.4	90.3	91.6	93.1	93.4	94.5	95.3	95.5	96.4	96.5	96.5	96.5	96.7	96.8	96.9
87.1	89.6	90.6	91.9	93.3	93.7	94.8	95.7	95.8	96.7	96.9	97.0	97.1	97.1	97.2	97.3
87.0	89.9	90.9	92.2	93.7	94.0	95.1	96.0	96.2	97.1	97.6	97.7	97.8	97.8	97.9	98.0
87.5	90.2	91.2	92.6	94.1	94.4	95.5	96.4	96.5	97.5	98.0	98.1	98.2	98.3	98.3	98.5
87.7	90.4	91.4	92.8	94.3	94.7	95.8	96.6	96.8	97.7	98.2	98.4	98.5	98.5	98.6	98.7
87.7	90.5	91.5	92.9	94.5	94.8	96.0	96.8	97.0	97.9	98.5	98.6	98.9	99.0	99.0	99.2
87.7	90.6	91.6	93.0	94.6	95.0	96.2	97.0	97.2	98.1	98.7	98.9	99.2	99.2	99.3	99.5
87.7	90.6	91.7	93.1	94.7	95.1	96.3	97.2	97.4	98.3	98.9	99.1	99.5	99.5	99.6	99.7
87.7	90.6	91.7	93.1	94.7	95.2	96.3	97.2	97.4	98.4	99.1	99.2	99.6	99.7	99.8	99.9
87.7	90.6	91.7	93.1	94.7	95.2	96.3	97.2	97.4	98.4	99.1	99.3	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7183

GLOBAL CLIMATOLOGY BRANCH
 CHARLESTON
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.12.77 COLD LAKE APT ON

73-82

88-

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1000-1200

58.7	58.7	58.7	58.9	58.9	58.9	59.0	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.4	59.4
62.7	63.4	63.4	63.6	63.6	63.6	63.7	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.1	64.1
62.7	63.4	63.4	63.6	63.6	63.6	63.7	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.1	64.1
63.6	64.5	64.5	64.8	64.8	64.8	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.3	65.3
67.0	67.7	67.7	68.0	68.0	68.0	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.4	68.4
70.0	70.5	70.5	71.0	71.0	71.0	71.1	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.5	71.5
71.8	72.7	72.7	72.9	72.9	72.9	73.0	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.4	73.4
74.5	75.5	75.5	75.7	75.7	75.7	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.2	76.2
77.3	78.2	78.2	78.6	78.6	78.6	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	79.0	79.0
77.9	78.8	78.8	79.2	79.2	79.2	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.6	79.6
79.4	80.3	80.3	80.7	80.7	80.7	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.2	81.2
79.9	80.9	81.0	81.3	81.3	81.3	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.7	81.7
82.7	83.3	83.4	83.6	83.7	83.7	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.2	84.2
83.2	84.5	84.7	84.9	85.0	85.0	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.9	85.9
85.3	87.0	87.4	87.6	87.8	87.8	88.0	88.0	88.0	88.2	88.3	88.3	88.3	88.3	88.7	88.7
86.7	88.6	88.9	89.2	89.4	89.4	89.6	89.6	89.6	89.9	90.0	90.0	90.0	90.0	90.3	90.3
88.1	90.6	91.0	91.3	92.0	92.0	92.2	92.2	92.2	92.5	92.6	92.6	92.6	92.6	92.9	92.9
88.5	90.9	91.4	91.6	92.3	92.3	92.5	92.5	92.5	92.8	92.9	92.9	92.9	92.9	93.3	93.3
88.3	91.3	91.8	92.1	92.9	92.9	93.4	93.4	93.4	93.6	93.8	93.8	93.8	93.8	94.1	94.1
89.6	92.1	92.6	92.9	93.8	93.8	94.3	94.7	94.7	94.9	95.1	95.1	95.1	95.1	95.4	95.4
89.9	92.3	92.9	93.3	94.1	94.1	94.8	95.3	95.3	96.1	96.3	96.3	96.3	96.3	96.7	96.7
89.9	92.3	92.9	93.3	94.1	94.1	94.8	95.3	95.3	96.1	96.3	96.3	96.3	96.3	96.7	96.7
90.3	92.3	93.5	94.1	94.9	94.9	95.6	96.1	96.1	96.9	97.2	97.2	97.2	97.2	97.5	97.5
90.3	92.8	93.5	94.1	94.9	94.9	95.6	96.1	96.1	96.9	97.5	97.5	97.5	97.5	97.9	97.9
90.5	92.9	93.6	94.3	95.2	95.2	95.9	96.3	96.3	97.2	97.8	97.8	97.8	97.8	98.1	98.1
90.6	93.2	93.9	94.6	95.6	95.6	96.3	96.8	96.8	97.6	98.2	98.2	98.2	98.2	98.6	98.6
90.5	93.2	94.0	94.7	95.9	95.9	96.6	97.1	97.1	97.9	98.5	98.5	98.5	98.5	98.8	98.8
90.6	93.2	94.0	94.7	95.9	95.9	96.6	97.1	97.1	97.9	98.7	98.7	98.7	98.7	99.1	99.1
90.6	93.3	94.1	94.8	96.0	96.0	96.7	97.2	97.2	98.0	98.8	99.2	99.2	99.2	99.5	99.5
90.6	93.3	94.1	94.8	96.0	96.0	96.7	97.2	97.2	98.0	99.1	99.4	99.5	99.5	100.0	100.0
90.6	93.3	94.1	94.8	96.0	96.0	96.7	97.2	97.2	98.0	99.1	99.4	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

CHARLESTON AIR WEATHER SERVICE/MAC

FEDERAL CLIMATOLOGY BRANCH
U.S. AIR FORCE
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12 0 COLD LAKE APT ON

73-82

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS.

1300-1500

50.8	51.6	51.7	51.7	51.7	51.7	51.8	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.4
55.4	56.2	56.3	56.3	56.5	56.5	56.6	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	57.2
55.4	56.2	56.3	56.3	56.5	56.5	56.6	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	57.2
55.4	56.2	56.3	56.3	56.5	56.5	56.6	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	57.2
55.3	57.2	57.3	57.3	57.4	57.4	57.5	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	58.1
59.6	60.4	61.5	60.5	60.7	60.7	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.5
65.5	66.4	66.5	66.5	66.7	66.7	66.9	66.9	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.5
67.7	68.7	68.8	68.6	69.0	69.0	69.3	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.8
69.5	70.3	70.4	70.4	70.7	70.7	70.9	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.5
71.5	72.3	72.4	72.4	72.6	72.6	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.5
72.5	73.5	73.7	73.7	73.9	73.9	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.7
74.0	75.1	75.3	75.4	75.7	75.7	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.5
75.0	76.1	76.4	76.5	76.7	76.7	76.9	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.5
77.1	78.2	78.5	78.6	78.8	78.8	79.0	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.6
77.9	79.2	79.4	79.5	79.7	79.7	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.6
80.4	82.1	82.3	82.7	82.9	83.0	83.2	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.9
82.1	83.8	84.2	84.6	84.9	85.2	85.6	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	86.3
84.6	86.7	87.2	87.9	88.5	88.8	89.2	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.9
84.9	87.2	87.7	88.4	89.1	89.4	89.8	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.5
85.7	88.2	88.7	89.4	90.2	90.6	90.9	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.6
86.3	89.8	91.2	90.9	91.7	92.1	92.5	92.9	93.0	93.2	93.4	93.4	93.4	93.4	93.4	93.7
87.4	90.8	91.4	92.1	92.9	93.2	93.7	94.2	94.3	94.8	94.9	94.9	94.9	94.9	94.9	95.2
87.7	91.0	91.6	92.3	93.2	93.6	94.1	94.5	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.6
88.0	91.4	92.1	92.8	93.7	94.1	94.5	95.0	95.1	95.6	95.7	95.7	95.7	95.7	95.7	96.0
88.1	91.6	92.3	93.0	93.9	94.3	94.8	95.2	95.3	95.8	96.3	96.3	96.3	96.3	96.3	96.6
88.2	91.7	92.4	93.1	94.1	94.4	94.9	95.3	95.5	95.9	96.4	96.4	96.4	96.4	96.4	96.7
88.2	91.9	92.5	93.2	94.2	94.5	95.0	95.5	95.6	96.0	96.5	96.5	96.5	96.5	96.5	96.9
88.4	92.0	92.7	93.4	94.3	94.6	95.1	95.6	95.7	96.3	96.7	96.7	96.7	97.0	97.0	97.3
88.5	92.1	92.8	93.5	94.5	94.9	95.3	95.8	95.9	96.5	97.0	97.1	97.3	97.3	97.3	97.7
88.7	92.3	93.1	93.8	94.9	95.2	95.7	96.2	96.3	96.9	97.3	97.7	97.9	97.9	97.9	98.3
88.8	92.4	93.2	93.9	95.1	95.5	95.9	96.4	96.5	97.1	97.7	98.0	98.4	98.4	99.0	99.5
88.8	92.4	93.2	93.9	95.1	95.5	95.9	96.4	96.5	97.1	97.8	98.1	98.5	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 859

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 12 00 COLD LAKE APT ON

73-62

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

45.6	46.1	46.4	46.7	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.8	47.0	47.0	47.0	47.1
55.3	55.9	56.3	56.5	56.6	56.7	56.7	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.2
55.5	56.0	56.4	56.6	56.7	56.9	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.3
55.7	56.3	56.6	56.9	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.4	57.4	57.4	57.6
56.2	56.7	57.1	57.3	57.4	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.9	57.9	57.9	58.0
59.2	59.8	60.1	60.4	60.5	60.6	60.6	60.7	60.7	60.7	60.7	60.7	61.0	61.0	61.0	61.1
64.5	65.3	65.8	66.0	66.2	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.8	66.8	66.8	66.9
67.6	68.8	69.3	69.6	69.9	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.5	70.5	70.5	70.6
70.5	71.3	71.9	72.3	72.6	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.4	73.4	73.4	73.5
72.0	73.4	74.0	74.4	74.7	74.9	75.1	75.3	75.3	75.3	75.3	75.3	75.5	75.5	75.5	75.6
72.9	74.3	74.9	75.4	75.6	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.4	76.4	76.4	76.6
74.3	75.8	76.4	76.9	77.1	77.4	77.6	77.7	77.7	77.7	77.7	77.7	78.0	78.0	78.0	78.1
75.1	76.7	77.3	77.7	78.0	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.8	78.8	78.8	78.9
75.3	77.8	78.4	78.9	79.1	79.4	79.6	79.7	79.7	79.7	79.7	79.7	80.0	80.0	80.0	80.1
77.3	78.9	79.5	80.0	80.4	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.4
79.4	81.2	81.9	82.4	83.1	83.5	83.8	83.9	83.9	83.9	83.9	83.9	84.2	84.2	84.2	84.3
80.5	82.4	83.1	83.6	84.5	84.9	85.2	85.5	85.5	85.5	85.5	85.5	85.7	85.7	85.7	85.8
83.0	85.3	85.7	86.8	87.9	88.3	88.6	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.2
83.0	85.3	86.0	86.6	87.9	88.3	88.6	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.2
84.1	86.5	87.2	88.2	89.4	89.8	90.2	90.4	90.4	90.4	90.4	90.4	90.6	90.6	90.6	90.7
84.8	87.3	88.2	89.2	90.5	91.0	91.3	91.7	91.7	91.7	91.7	91.7	91.9	91.9	91.9	92.0
85.5	88.3	89.1	90.2	91.6	92.0	92.4	92.7	92.7	93.1	93.3	93.3	93.6	93.6	93.6	93.7
85.7	88.5	89.3	90.4	91.8	92.3	92.6	93.0	93.0	93.3	93.6	93.6	93.8	93.8	93.8	93.9
86.4	89.2	90.0	91.1	92.5	93.1	93.4	93.8	93.9	94.3	94.5	94.5	94.7	94.7	94.7	94.8
86.8	90.0	91.0	92.0	93.4	94.0	94.4	94.7	94.8	95.2	95.8	95.8	96.0	96.0	96.0	96.1
87.1	90.4	91.3	92.4	93.9	94.5	94.8	95.2	95.3	95.7	96.2	96.2	96.5	96.5	96.5	96.6
87.7	91.1	92.0	93.1	94.6	95.2	95.5	96.0	96.1	96.5	97.2	97.2	97.4	97.4	97.4	97.5
87.7	91.3	92.3	93.4	95.0	95.5	95.9	96.4	96.5	96.8	97.5	97.5	98.0	98.0	98.0	98.1
87.7	91.3	92.3	93.6	95.3	95.9	96.2	96.7	96.8	97.2	98.0	98.1	98.6	98.6	98.7	98.8
87.7	91.3	92.3	93.6	95.3	95.9	96.2	96.8	97.0	97.3	98.1	98.2	98.8	98.8	99.3	99.4
87.7	91.3	92.3	93.6	95.3	95.9	96.2	96.8	97.0	97.3	98.1	98.2	98.9	98.9	99.4	99.6
87.7	91.3	92.3	93.6	95.3	95.9	96.2	96.8	97.0	97.3	98.1	98.2	98.9	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 853

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 12 0 COLD LAKE APT CN

73-82

APF

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

990-1100

48.9	49.1	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.5	49.6	49.6
60.4	60.7	61.0	61.3	61.3	61.4	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
50.4	60.7	61.0	61.3	61.3	61.4	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
60.4	60.7	61.0	61.3	61.3	61.4	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
61.2	61.5	61.8	62.1	62.1	62.3	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
62.5	63.2	63.4	63.8	63.8	63.9	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
65.7	66.4	66.6	67.1	67.4	67.5	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
67.5	68.0	68.2	68.7	69.1	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
69.6	70.1	70.5	70.9	71.3	71.4	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
71.2	71.6	72.0	72.5	72.8	72.9	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
71.9	72.3	72.7	73.2	73.5	73.6	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
73.6	74.1	74.4	74.9	75.3	75.4	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
74.3	74.8	75.1	75.6	76.0	76.1	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
75.7	76.2	76.6	77.0	77.6	77.7	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
76.9	77.5	77.8	78.3	78.9	79.0	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
78.9	79.6	80.0	80.4	81.2	81.4	81.6	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
82.2	82.9	83.4	83.9	84.8	84.9	85.2	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
84.2	85.2	85.7	86.3	87.1	87.2	87.6	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
84.6	85.7	86.2	86.9	87.7	87.8	88.2	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
86.6	87.7	88.2	88.9	89.7	89.8	90.2	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
88.7	90.2	90.7	91.4	92.5	92.6	93.1	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
89.4	91.0	91.6	92.3	93.4	93.6	94.1	94.3	94.3	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
90.0	91.7	92.4	93.1	94.3	94.4	95.0	95.1	95.1	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
90.7	92.0	93.2	93.9	95.2	95.3	95.9	96.0	96.0	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
90.9	92.8	93.6	94.3	95.5	95.7	96.4	96.5	96.5	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9
91.1	93.2	93.9	94.6	95.9	96.0	96.7	96.8	96.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
91.2	93.3	94.0	94.7	96.0	96.1	96.8	97.0	97.0	97.9	98.4	98.4	98.6	98.7	98.7	98.7	98.7
91.2	93.3	94.0	94.7	96.0	96.1	96.8	97.0	97.0	97.9	98.7	98.7	98.9	99.1	99.2	99.2	99.2
91.2	93.3	94.0	95.0	96.2	96.5	97.2	97.4	97.4	98.4	99.2	99.2	99.4	99.5	99.6	99.6	99.6
91.2	93.3	94.0	95.0	96.2	96.5	97.2	97.4	97.4	98.6	99.4	99.4	99.8	99.9	100.0	100.0	100.0
91.2	93.3	94.0	95.0	96.2	96.5	97.2	97.4	97.4	98.6	99.4	99.4	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 853

GLOBAL CLIMATOLOGY BRANCH
AF/TAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CN

73-87

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1700-1400

52.9	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
62.2	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
62.2	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
62.5	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
64.4	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
66.2	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
67.9	68.2	68.2	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
69.3	70.3	70.3	70.4	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
70.8	71.2	71.2	71.3	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
72.7	73.2	73.2	73.3	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
75.1	75.8	75.8	75.9	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
76.2	76.9	76.9	77.1	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
78.1	78.8	78.8	79.0	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
80.7	81.4	81.4	81.7	81.9	81.9	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3
83.3	84.7	84.7	84.9	85.3	85.3	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6
85.4	86.5	86.5	86.8	87.1	87.2	87.5	87.5	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7
87.1	88.4	88.4	88.6	89.0	89.2	89.8	89.8	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0
87.6	88.9	88.9	89.1	89.4	89.7	90.3	90.3	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5
89.8	91.1	91.1	91.4	91.8	92.0	92.7	92.7	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9
91.2	92.7	92.8	93.4	94.0	94.3	95.0	95.0	95.1	95.1	95.2	95.5	95.6	95.6	95.6	95.6
91.6	93.3	93.4	94.3	95.0	95.5	96.2	96.3	96.3	96.4	96.8	96.9	96.9	96.9	96.9	96.9
91.8	93.4	93.5	94.4	95.2	95.7	96.4	96.5	96.5	96.6	97.0	97.1	97.1	97.1	97.1	97.1
91.8	93.7	93.9	94.8	95.6	96.1	96.8	96.9	96.9	97.0	97.4	97.6	97.9	97.9	97.9	97.9
92.5	94.0	94.1	95.2	96.1	96.5	97.2	97.4	97.4	97.6	98.1	98.3	98.6	98.6	98.6	98.6
92.1	94.2	94.3	95.7	96.5	97.0	97.7	97.9	97.9	98.0	98.6	98.7	99.1	99.1	99.1	99.1
92.2	94.3	94.4	95.8	96.6	97.1	97.8	98.0	98.0	98.1	98.7	98.8	99.2	99.4	99.4	99.4
92.2	94.3	94.4	95.9	96.8	97.2	97.9	98.1	98.1	98.4	99.0	99.2	99.5	99.8	99.8	99.8
92.2	94.3	94.4	95.9	96.8	97.2	97.9	98.1	98.1	98.4	99.0	99.2	99.5	99.8	99.8	99.8
92.3	94.4	94.5	96.2	97.0	97.4	98.1	98.4	98.4	98.6	99.2	99.4	99.8	100.0	100.0	100.0
92.3	94.4	94.5	96.2	97.0	97.4	98.1	98.4	98.4	98.6	99.2	99.4	99.8	100.0	100.0	100.0
92.3	94.4	94.5	96.2	97.0	97.4	98.1	98.4	98.4	98.6	99.2	99.4	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 662

FEDERAL BUREAU OF SURVEY
METEOROLOGICAL SERVICE
ALPHABETIC

CEILING VERSUS VISIBILITY

120 COLD LAKE APT. CO.

73-82

APP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
50.4	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
60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
68.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
70.3	70.5	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
72.3	72.5	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
74.2	74.4	74.5	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
77.9	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
80.1	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
84.5	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
85.5	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
88.7	89.2	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
90.3	90.8	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
92.2	92.8	92.9	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
92.7	93.3	93.4	93.7	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
93.4	93.9	94.1	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
94.4	95.2	95.3	95.7	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
94.7	95.5	95.7	96.0	96.5	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
94.9	95.7	95.9	96.2	96.7	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
94.2	95.7	95.9	96.3	96.8	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
94.9	95.7	95.9	96.5	96.9	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
95.1	95.9	96.1	96.9	97.6	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
95.1	95.9	96.1	96.9	97.6	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
95.1	95.9	96.1	96.9	97.6	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
95.1	95.9	96.1	96.9	97.6	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
95.1	96.0	96.2	97.0	97.7	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
95.1	96.0	96.2	97.0	97.7	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
95.1	96.0	96.2	97.0	97.7	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 876

FEDERAL CLIMATOLOGY BRANCH
WAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73120 COLD LAKE APT CN

73-82

AF

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-1800

61.7	52.0	52.7	52.0	52.7	52.0	52.7	52.0	52.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0
64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5
64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5
65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7
66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9
69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8
73.3	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3
75.3	77.1	77.1	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5
78.3	79.2	79.2	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6
81.3	81.0	81.0	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6
81.7	82.6	82.6	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
83.3	84.2	84.4	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
84.7	85.8	85.9	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5
87.5	88.6	88.7	89.0	89.0	89.0	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
88.2	89.3	89.4	89.7	89.7	89.7	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
90.7	91.6	91.9	92.3	92.4	92.5	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
91.1	92.3	92.4	92.6	92.9	93.0	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.6	93.6
92.3	93.5	93.7	94.0	94.3	94.4	94.6	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.2	95.2
92.4	93.5	93.8	94.2	94.4	94.5	94.7	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.3	95.3
93.1	94.5	94.7	95.1	95.3	95.4	95.7	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.3	96.3
93.5	95.2	95.4	95.9	96.3	96.4	96.7	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.4	97.4
93.7	95.4	95.7	96.1	96.5	96.6	97.0	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.8	97.8
93.8	95.6	95.8	96.3	96.6	96.7	97.1	97.3	97.3	97.8	97.8	97.8	97.8	97.8	97.9	97.9
93.7	95.7	95.9	96.6	97.0	97.1	97.4	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.2	98.2
93.9	95.7	95.9	96.7	97.2	97.3	97.7	97.9	97.9	98.4	98.7	98.7	98.7	98.7	98.8	98.8
93.9	95.7	95.9	96.8	97.3	97.4	97.8	98.0	98.0	98.5	98.8	98.8	98.8	98.8	98.9	98.9
93.7	95.7	95.9	96.8	97.3	97.4	97.8	98.0	98.0	98.5	98.8	98.8	98.8	98.8	98.9	98.9
93.9	95.7	95.9	96.8	97.3	97.4	97.8	98.0	98.0	98.5	99.2	99.2	99.4	99.5	99.5	99.5
93.9	95.7	95.9	96.8	97.3	97.4	97.8	98.0	98.0	98.5	99.2	99.3	99.5	99.6	99.6	99.6
93.7	95.7	95.9	96.8	97.3	97.4	97.8	98.0	98.0	98.5	99.2	99.4	99.8	100.0	100.0	100.0
93.7	95.7	95.9	96.8	97.3	97.4	97.8	98.0	98.0	98.5	99.2	99.4	99.8	100.0	100.0	100.0
93.9	95.7	95.9	96.8	97.3	97.4	97.8	98.0	98.0	98.5	99.2	99.4	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 857

GLOBAL CLIMATOLOGY BRANCH
CRAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 12 D COLD LAKE APT ON

73-60

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0110-2300

57.6	58.0	58.7	58.1	58.4	58.4	58.4	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
64.1	64.5	64.5	64.7	64.9	64.9	64.9	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3
64.1	64.5	64.5	64.7	64.9	64.9	64.9	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3
64.5	65.1	65.1	65.2	65.4	65.4	65.4	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7
70.9	71.4	71.6	71.7	71.1	72.1	72.1	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4
74.3	74.9	75.1	75.2	75.5	75.5	75.5	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9
76.5	77.4	77.5	77.7	78.1	78.1	78.1	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4
78.4	79.1	79.2	79.4	79.7	79.7	79.7	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0
79.8	80.4	80.5	80.7	81.1	81.1	81.1	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4
81.3	81.9	82.1	82.2	82.6	82.6	82.6	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9
81.4	82.4	82.5	82.7	83.0	83.0	83.0	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
84.1	84.7	84.9	85.0	85.4	85.4	85.4	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
84.9	85.5	85.7	85.8	86.2	86.2	86.2	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
87.2	87.9	88.1	88.5	88.8	88.8	88.8	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2
88.8	89.6	89.9	90.2	90.5	90.5	90.5	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
90.5	91.5	91.7	92.3	92.8	92.8	92.8	93.0	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4
90.9	91.8	92.0	92.6	93.2	93.2	93.2	93.3	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8
91.6	92.5	92.7	93.3	94.0	94.0	94.0	94.1	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
92.5	93.4	93.7	94.2	94.9	94.9	94.9	95.0	95.4	95.4	96.2	96.2	96.2	96.2	96.2	96.2
93.2	94.1	94.3	95.0	95.7	95.7	95.8	96.3	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
93.2	94.1	94.3	95.2	95.8	95.8	96.0	96.0	96.4	96.4	97.5	97.5	97.5	97.5	97.5	97.5
93.2	94.1	94.3	95.2	96.0	96.0	96.1	96.5	96.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
93.2	94.2	94.5	95.3	96.2	96.2	96.3	96.6	96.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
93.3	94.3	94.6	95.4	96.4	96.4	96.4	96.5	97.0	97.0	98.0	98.2	98.2	98.2	98.2	98.2
93.5	94.6	94.8	95.7	96.8	96.8	96.9	97.3	97.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
93.7	94.7	94.9	95.8	97.0	97.0	97.1	97.6	97.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0
93.7	94.7	94.9	95.8	97.2	97.2	97.3	97.8	97.8	99.1	99.2	99.2	99.4	99.4	99.4	99.4
93.7	94.8	95.0	96.0	97.3	97.3	97.5	98.0	98.0	99.3	99.4	99.4	99.9	100.0	100.0	100.0
93.7	94.8	95.0	96.0	97.3	97.3	97.5	98.0	98.0	99.3	99.4	99.4	99.9	100.0	100.0	100.0
93.7	94.8	95.0	96.0	97.3	97.3	97.5	98.0	98.0	99.3	99.4	99.4	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 567

FEDERAL CLIMATOLOGY BRANCH
LAFFETAC
A. WEATHER SERVICE/MAD

CEILING VERSUS VISIBILITY

1230 COLD LAKE APT. ON

73-87

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

51.8	52.2	52.3	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.7
61.7	61.2	61.2	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.8
60.7	61.2	61.3	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8
60.8	61.2	61.3	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.9
61.6	62.0	62.1	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.7
64.5	64.5	64.5	64.7	64.7	64.7	64.8	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.1
67.7	68.3	68.5	68.6	68.8	68.8	68.9	68.9	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.2
70.2	70.9	71.0	71.2	71.4	71.4	71.5	71.5	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.8
72.4	73.1	73.3	73.4	73.6	73.6	73.6	73.8	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0
74.2	74.9	75.1	75.3	75.5	75.5	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9
75.5	76.2	76.4	76.6	76.8	76.8	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2
77.4	78.2	78.4	78.6	78.8	78.9	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.2
78.4	79.2	79.5	79.7	79.9	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3
80.7	81.5	81.8	82.0	82.2	82.3	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7
81.9	82.8	83.0	83.3	83.5	83.6	83.8	83.8	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.0
84.3	85.5	85.7	86.0	86.4	86.5	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	87.0	87.0
85.9	87.1	87.4	87.8	88.2	88.3	88.5	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.9	88.9
87.6	89.3	89.6	90.1	90.6	90.8	91.1	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.6
88.1	89.6	89.9	90.4	91.0	91.2	91.4	91.5	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.9	91.9
89.7	90.7	91.1	91.6	92.3	92.4	92.7	92.8	92.8	93.1	93.1	93.1	93.1	93.2	93.2	93.3	93.3
90.7	92.0	92.4	93.0	93.7	93.9	94.3	94.5	94.5	94.8	94.9	94.9	94.9	95.0	95.0	95.1	95.1
92.7	92.6	93.0	93.7	94.5	94.7	95.1	95.4	95.4	95.9	96.1	96.1	96.1	96.1	96.2	96.2	96.2
90.7	92.8	93.2	93.9	94.7	94.9	95.4	95.7	95.7	96.2	96.3	96.3	96.4	96.4	96.4	96.5	96.5
91.2	93.2	93.6	94.4	95.2	95.4	95.9	96.2	96.7	96.7	96.9	96.9	96.9	97.0	97.0	97.1	97.1
91.3	93.4	93.8	94.6	95.5	95.8	96.2	96.5	96.5	97.1	97.5	97.5	97.6	97.6	97.6	97.7	97.7
91.4	93.6	94.0	94.9	95.9	96.1	96.6	96.9	96.9	97.4	97.9	97.9	98.0	98.0	98.0	98.1	98.1
91.6	93.7	94.2	95.1	96.1	96.3	96.8	97.1	97.1	97.7	98.2	98.2	98.3	98.4	98.4	98.5	98.5
91.6	93.8	94.3	95.2	96.2	96.5	96.9	97.3	97.3	97.9	98.5	98.5	98.8	98.8	98.9	98.9	98.9
91.6	93.8	94.3	95.3	96.4	96.6	97.1	97.4	97.5	98.1	98.7	98.8	99.0	99.1	99.2	99.2	99.2
91.7	93.9	94.4	95.4	96.5	96.7	97.2	97.6	97.6	98.3	98.9	99.1	99.4	99.5	99.6	99.7	99.7
91.7	93.9	94.4	95.4	96.5	96.7	97.2	97.6	97.6	98.3	99.0	99.1	99.5	99.6	99.8	99.9	99.9
91.7	93.9	94.4	95.4	96.5	96.7	97.2	97.6	97.6	98.3	99.0	99.2	99.5	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6676



GENERAL CLIMATOLOGY BRANCH
OFFICE
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12000 COLD LAKE APT ON

73-87

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1000-1400

55.7	59.7	59.7	61.2	61.6	61.8	61.1	61.3	61.7	61.1	61.1	61.1	61.2	61.7	61.7	61.7
61.7	62.7	62.8	63.3	63.8	64.0	64.2	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.5
62.7	63.0	63.1	63.6	64.1	64.3	64.5	64.5	64.5	64.6	64.6	64.6	64.8	64.8	64.8	64.9
62.7	63.6	63.8	64.3	64.8	65.0	65.2	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.5
65.7	66.2	66.3	66.9	67.3	67.5	67.7	67.7	67.7	67.8	67.8	67.8	68.0	68.0	68.0	68.1
72.3	73.3	73.3	73.8	74.3	74.5	74.7	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	75.0
74.5	75.5	75.8	76.4	76.8	77.0	77.2	77.2	77.2	77.3	77.3	77.3	77.5	77.5	77.5	77.6
78.0	79.4	79.8	80.3	80.8	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.5
81.1	81.3	81.7	82.3	82.8	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.5
81.0	82.3	82.7	83.3	83.8	84.0	84.2	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.5
82.7	84.3	84.5	85.3	85.7	86.0	86.2	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.5
83.4	85.4	85.7	86.4	86.9	87.1	87.3	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.6
84.0	86.7	87.1	87.7	88.2	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.9
85.6	88.0	88.3	89.0	89.4	89.6	89.8	89.8	89.8	89.9	89.9	89.9	89.9	90.1	90.1	90.2
87.0	89.7	91.1	90.8	91.3	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	92.0
90.6	91.5	91.7	92.7	93.1	93.4	93.6	93.6	93.6	93.7	93.7	93.7	93.8	93.8	93.9	93.9
89.5	92.5	92.9	94.0	94.6	94.8	95.1	95.1	95.1	95.2	95.2	95.2	95.4	95.4	95.4	95.5
89.5	92.7	93.3	94.4	94.9	95.1	95.5	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.8
92.1	93.6	94.3	95.4	95.9	96.1	96.6	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	97.0
92.6	94.3	94.9	96.0	96.6	96.8	97.2	97.3	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.7
91.2	94.3	95.5	96.6	97.1	97.3	97.8	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.3
91.2	94.8	95.5	96.6	97.1	97.3	97.8	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.3
91.3	94.9	95.6	96.7	97.2	97.5	97.9	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.5
91.3	95.1	95.9	96.9	97.5	97.7	98.1	98.2	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.7
91.5	95.4	96.0	97.1	97.7	97.9	98.3	98.5	98.5	98.8	98.8	98.8	98.9	98.9	98.9	99.0
91.8	95.7	96.4	97.5	98.0	98.3	98.8	98.9	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.4
91.7	95.9	96.6	97.7	98.2	98.6	99.0	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.7
91.9	95.9	96.6	97.7	98.2	98.6	99.0	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.7
91.9	95.9	96.6	97.6	98.3	98.7	99.1	99.2	99.2	99.6	99.6	99.6	99.7	99.8	99.8	99.9
91.9	95.9	96.6	97.6	98.3	98.7	99.1	99.2	99.2	99.6	99.6	99.6	99.7	99.8	99.9	100.0
91.9	95.9	96.6	97.8	98.3	98.7	99.1	99.2	99.2	99.6	99.6	99.6	99.7	99.8	99.9	100.0
91.9	95.9	96.6	97.8	98.3	98.7	99.1	99.2	99.2	99.6	99.6	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 925

FEDERAL BUREAU OF SURVEY
U.S. AIR FORCE
METEOROLOGICAL SERVICE/AFAC

CEILING VERSUS VISIBILITY

13700 COLD LAKE AIRTEL

73-82

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1300-2600

52.2	52.4	52.7	52.7	52.9	52.9	52.9	53.2	53.2	53.4	53.7	53.7	54.0	54.7	54.1	54.4
57.7	58.2	58.4	58.4	58.6	58.7	58.9	59.3	59.3	59.6	59.9	59.9	60.3	60.3	60.6	60.9
54.7	55.3	55.6	55.6	56.7	56.8	57.1	59.4	59.4	59.7	60.0	60.4	60.4	60.7	61.0	61.3
56.2	58.5	58.8	58.8	58.9	59.0	59.2	59.7	59.7	59.9	60.2	60.2	60.7	60.7	60.9	61.2
56.7	59.1	59.2	59.2	59.3	59.4	59.7	60.1	60.1	60.3	60.7	60.7	61.1	61.1	61.3	61.7
61.3	62.7	62.9	62.9	63.0	63.1	63.3	63.6	63.6	64.0	64.3	64.3	64.8	64.8	65.0	65.3
69.9	71.4	71.7	72.7	71.8	71.9	71.1	71.5	71.6	71.8	72.1	72.1	72.5	72.6	72.8	73.1
72.4	73.2	73.4	73.4	73.6	73.7	73.9	74.3	74.3	74.5	74.9	74.9	75.3	75.3	75.9	76.0
74.3	75.7	76.0	75.0	75.1	76.2	76.4	76.9	76.9	77.1	77.4	77.4	77.9	77.9	78.3	78.8
77.7	73.4	75.5	78.6	78.9	79.0	79.2	79.7	79.7	79.9	80.2	80.2	80.7	80.7	81.1	81.6
76.2	77.7	79.3	79.3	79.4	79.6	79.8	80.2	80.2	80.4	80.8	80.8	81.2	81.2	81.7	82.1
79.7	80.4	81.8	81.8	80.9	81.0	81.2	81.7	81.7	81.9	82.2	82.2	82.7	82.7	83.1	83.6
80.6	81.3	81.7	81.7	81.8	81.9	82.1	82.6	82.6	82.8	83.1	83.1	83.5	83.6	84.0	84.4
81.4	82.4	82.8	82.8	82.9	83.0	83.2	83.7	83.7	83.9	84.2	84.2	84.7	84.7	85.1	85.6
82.7	83.0	83.4	83.4	83.6	83.7	83.9	84.3	84.3	84.6	84.9	84.9	85.3	85.3	85.8	86.2
83.4	84.6	85.2	85.2	85.4	85.6	85.8	86.2	86.2	86.4	86.8	86.8	87.2	87.2	87.7	88.1
84.8	86.1	86.7	86.7	86.9	87.0	87.2	87.7	87.7	87.9	88.2	88.2	88.7	88.7	89.1	89.6
86.9	86.2	88.8	88.8	89.1	89.2	89.4	89.9	89.9	90.1	90.4	90.4	90.9	90.9	91.3	91.8
87.1	88.4	89.7	89.0	89.3	89.4	89.7	90.1	90.1	90.3	90.7	90.7	91.1	91.1	91.5	92.0
88.2	89.3	90.0	90.1	90.6	90.7	90.9	91.4	91.4	91.7	92.0	92.0	92.4	92.4	92.9	93.3
89.9	91.2	92.1	92.1	92.6	92.7	92.9	93.4	93.4	93.7	94.0	94.0	94.4	94.4	94.9	95.3
90.2	91.3	92.6	92.6	93.3	93.4	93.7	94.2	94.2	94.4	94.8	94.8	95.2	95.2	95.7	96.1
92.4	92.0	92.8	93.1	93.7	93.8	94.0	94.6	94.6	94.8	95.1	95.1	95.6	95.6	96.0	96.4
93.5	92.1	92.9	93.2	93.9	94.0	94.2	94.8	94.8	95.0	95.3	95.3	95.8	95.8	96.2	96.7
92.7	92.3	93.1	93.7	94.3	94.6	94.8	95.3	95.3	95.5	95.9	95.9	96.3	96.3	96.8	97.2
91.5	92.7	93.4	94.0	94.8	95.1	95.3	95.9	95.9	96.2	96.5	96.6	97.0	97.0	97.4	97.9
91.4	93.2	94.0	94.6	95.3	95.7	95.9	96.4	96.4	96.8	97.1	97.1	97.6	97.6	98.0	98.4
91.6	93.3	94.1	94.8	95.6	95.9	96.2	96.8	96.8	97.1	97.4	97.4	97.9	97.9	98.3	98.8
91.7	93.4	94.2	94.9	95.7	96.0	96.3	96.9	96.9	97.2	97.5	97.6	98.0	98.0	98.4	98.9
91.8	93.5	94.3	95.0	95.8	96.1	96.5	97.1	97.1	97.4	97.9	97.9	98.3	98.7	99.1	99.7
91.9	93.7	94.4	95.1	95.9	96.2	96.7	97.3	97.3	97.7	98.1	98.1	98.6	98.9	99.3	99.9
91.7	93.7	94.4	95.1	95.9	96.2	96.7	97.3	97.3	97.7	98.1	98.1	98.6	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1300

SAFETY

UNITED STATES AIR FORCE
WRIGHT PATTISON AIR FORCE BASE
LEATHERS, ILLINOIS 61840

CEILING VERSUS VISIBILITY

UNITED STATES AIR FORCE

73-1

MAY

UNITED STATES AIR FORCE
WRIGHT PATTISON AIR FORCE BASE
LEATHERS, ILLINOIS 61840

1950-1950

47.0	47.5	48.0	47.0	47.2	47.3	47.4	47.7	47.7	47.8	48.0	48.0	48.1	48.1	48.5	49.0
52.0	54.5	54.8	55.1	55.4	55.5	55.5	55.9	55.9	56.0	56.2	56.2	56.3	56.3	56.8	57.0
52.0	54.7	55.7	55.2	55.5	55.6	55.8	56.0	56.1	56.1	56.3	56.3	56.4	56.4	56.9	57.4
54.0	54.8	55.1	55.3	55.6	55.8	55.9	56.1	56.2	56.4	56.4	56.4	56.5	56.6	57.0	57.5
54.0	55.4	55.5	55.9	56.2	56.3	56.4	56.7	56.7	56.8	57.0	57.0	57.1	57.1	57.6	58.0
57.2	59.0	59.2	59.4	59.7	59.9	60.0	60.2	60.2	60.3	60.5	60.5	60.7	60.7	61.1	61.7
63.7	64.0	65.0	65.2	65.6	65.7	65.8	66.1	66.1	66.2	66.5	66.5	66.6	66.6	67.0	67.5
69.5	69.5	70.0	70.4	70.7	70.8	70.9	71.4	71.4	71.5	71.7	71.7	71.8	71.8	72.3	72.9
71.4	71.8	72.6	73.0	73.3	73.4	73.5	74.0	74.0	74.1	74.2	74.3	74.5	74.5	74.9	75.5
74.8	75.3	75.5	76.3	76.6	76.7	76.9	77.3	77.7	77.4	77.7	77.7	77.8	77.8	78.2	78.8
74.7	75.5	75.2	76.0	77.0	77.1	77.2	77.7	77.7	77.8	78.0	78.0	78.1	78.1	78.5	79.1
75.9	76.9	77.4	77.9	78.7	78.3	78.6	79.0	79.0	79.1	79.4	79.4	79.5	79.5	79.9	80.5
77.1	78.1	78.7	79.1	79.5	79.6	79.8	80.3	80.3	80.4	80.5	80.6	80.7	80.7	81.2	81.8
77.7	78.5	79.4	79.0	80.2	80.3	80.5	81.0	81.0	81.1	81.3	81.3	81.4	81.4	81.9	82.5
75.2	79.5	80.0	80.5	80.8	81.0	81.2	81.6	81.6	81.8	82.0	82.0	82.1	82.1	82.6	83.1
74.7	81.2	81.9	82.3	82.7	82.8	83.0	83.5	83.5	83.6	83.8	83.8	83.9	83.9	84.4	84.9
83.4	81.9	82.5	83.0	83.4	83.5	83.7	84.2	84.2	84.3	84.5	84.5	84.6	84.6	85.1	85.6
82.1	83.7	84.4	84.8	85.3	85.4	85.7	86.2	86.2	86.3	86.5	86.5	86.7	86.7	87.1	87.7
82.5	84.0	84.7	85.3	85.7	85.9	86.2	86.7	86.7	86.8	87.0	87.0	87.1	87.1	87.6	88.1
83.5	85.5	86.3	87.0	87.5	87.6	87.9	88.4	88.4	88.5	88.7	88.7	88.8	88.8	89.3	89.9
85.4	87.5	88.1	88.9	89.4	89.5	89.8	90.3	90.3	90.4	90.6	90.6	90.8	90.8	91.2	91.8
86.0	88.8	89.6	90.4	91.1	91.2	91.5	92.1	92.1	92.4	92.7	92.7	92.8	92.8	93.3	93.8
87.1	89.5	90.4	91.3	92.0	92.1	92.5	93.2	93.2	93.4	93.7	93.7	93.8	93.8	94.3	94.9
87.6	90.1	90.9	91.8	92.7	92.8	93.4	94.0	94.0	94.2	94.5	94.5	94.6	94.6	95.1	95.7
87.5	90.4	91.2	92.2	93.0	93.2	93.8	94.4	94.4	94.5	95.0	95.0	95.1	95.1	95.5	96.1
88.4	91.1	91.9	92.8	94.0	94.2	94.9	95.4	95.4	95.7	96.1	96.0	96.1	96.1	96.5	97.1
88.7	91.5	92.4	93.6	94.6	95.0	95.7	96.2	96.2	96.6	96.9	96.9	97.0	97.0	97.5	98.1
89.9	92.0	92.8	94.3	95.6	95.9	96.6	97.1	97.1	97.5	97.8	97.8	97.9	97.9	98.4	99.0
85.7	92.0	92.8	94.3	95.7	96.0	96.6	97.5	97.5	97.8	98.2	98.2	98.3	98.3	98.9	99.4
83.9	92.0	92.8	94.4	95.9	96.2	97.0	97.7	97.7	98.1	98.5	98.5	98.6	98.6	99.1	99.6
86.9	92.0	92.8	94.4	95.9	96.2	97.0	97.7	97.7	98.1	98.5	98.5	98.6	98.6	99.1	99.6
88.9	92.0	92.8	94.4	95.9	96.2	97.0	97.7	97.7	98.1	98.5	98.5	98.6	98.6	99.1	99.6

TOTAL NUMBER OF OBSERVATIONS 677

FEDERAL METEOROLOGICAL BRANCH
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

2

COLD LAKE APT ON

73-87

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

73-1100

48.5	48.9	48.9	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
59.1	58.5	58.7	59.1	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
59.1	58.5	58.7	59.1	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	58.9	59.7	59.6	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
61.7	61.4	61.4	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
65.3	65.3	65.7	65.0	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
69.4	68.8	69.1	69.6	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
71.6	71.0	71.4	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
71.9	72.4	72.7	73.4	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	73.4	73.7	74.4	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
74.2	74.5	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
75.0	75.4	75.8	75.4	76.0	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	77.1	77.7	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
78.7	78.8	79.1	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
81.8	81.5	81.8	82.5	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
82.3	83.7	84.1	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
85.2	85.5	85.9	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
86.7	87.7	88.0	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
87.0	88.9	89.3	90.2	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
88.7	90.9	91.4	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
89.9	92.4	92.8	93.8	94.4	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
90.1	92.7	93.2	94.3	94.9	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
90.9	93.5	94.2	95.4	96.1	96.3	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
91.7	94.6	95.3	96.5	97.2	97.4	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
91.9	94.9	95.6	97.0	97.6	97.9	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
92.1	95.2	95.8	97.4	98.2	98.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
92.5	95.7	96.4	98.1	98.9	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
92.5	95.8	96.5	98.2	99.0	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
92.5	95.8	96.5	98.2	99.0	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
92.5	95.8	96.5	98.2	99.0	99.3	99.4	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 891

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C.
 AIR WEATHER SERVICE, ZMAC

CEILING VERSUS VISIBILITY

2

1112 D WILD LAKE APT. ON

73-62

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1200-1400

41.7	42.3	42.7	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
50.5	51.1	51.5	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
50.5	51.1	51.5	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
51.7	52.4	52.9	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
54.8	55.3	55.9	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
58.9	59.7	60.3	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
61.3	62.1	62.7	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
62.9	63.7	64.2	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
64.9	65.7	66.3	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
69.2	70.0	70.5	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
74.0	74.8	75.4	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
76.7	76.5	77.2	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
79.9	80.7	81.3	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
82.3	83.1	83.8	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
85.6	86.4	87.1	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
87.3	88.3	89.0	89.3	89.3	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
91.0	91.1	91.5	92.1	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
91.4	91.5	92.2	92.6	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
92.0	93.1	93.9	94.3	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
93.5	94.7	95.5	96.0	96.0	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
94.9	96.4	97.2	97.8	97.8	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
95.3	96.9	97.6	98.2	98.2	98.7	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
95.5	97.1	98.0	98.5	98.5	99.0	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
95.5	97.2	98.1	98.7	98.7	99.2	99.3	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
95.6	97.2	98.1	98.8	98.8	99.3	99.4	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
95.7	97.3	98.2	98.9	98.9	99.4	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
95.7	97.4	98.3	99.0	99.0	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
95.7	97.4	98.3	99.0	99.0	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
95.8	97.4	98.3	99.0	99.0	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
95.8	97.4	98.3	99.0	99.0	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
95.8	97.4	98.3	99.0	99.0	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 889

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 12 0 COLD LAKE APT CN

73-82

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1500-1700

45.3	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	45.6	45.6	45.6	45.6	45.6
54.5	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
54.5	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
54.5	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
57.2	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
62.5	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
65.5	66.3	66.6	66.7	66.7	66.7	66.7	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
68.1	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
71.8	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
75.8	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
80.0	80.9	81.1	81.3	81.3	81.3	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
82.2	83.4	83.7	83.8	83.8	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
85.4	86.8	87.1	87.2	87.2	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
86.5	88.0	88.3	88.4	88.4	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
88.6	90.1	90.4	90.5	90.5	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
90.8	92.5	92.8	92.9	92.9	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
93.6	95.4	95.6	95.7	95.7	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
93.8	95.6	95.8	95.9	95.9	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
94.4	96.5	96.8	96.9	96.9	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
95.2	97.5	97.7	97.8	97.8	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
95.6	98.0	98.4	98.5	98.5	98.6	98.6	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
95.8	98.2	98.6	98.7	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
95.9	98.5	98.8	98.9	98.9	99.0	99.0	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
96.1	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
96.1	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
96.1	98.7	99.0	99.1	99.1	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
96.1	98.7	99.0	99.1	99.1	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
96.1	98.7	99.0	99.1	99.1	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
96.2	98.8	99.1	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
96.2	98.8	99.1	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
96.2	98.8	99.1	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 912

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7.12.0 COLD LAKE APT. CV

73-62

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

53.0	54.3	54.4	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
62.0	62.5	62.6	62.7	62.7	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
62.0	62.5	62.6	62.7	62.7	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
62.3	62.7	62.8	62.9	62.9	62.9	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
63.5	63.6	63.6	63.7	63.7	63.7	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
66.0	66.4	66.6	66.7	66.7	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
70.5	71.3	71.3	71.4	71.4	71.4	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
74.7	75.1	75.5	75.6	75.6	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
77.9	78.4	78.7	78.8	78.8	78.8	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
80.9	81.3	81.6	81.7	81.7	81.7	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
83.5	84.0	84.3	84.4	84.4	84.5	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
87.0	87.5	87.8	87.9	87.9	88.0	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
87.5	88.1	88.5	88.6	88.6	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
89.4	90.1	90.5	90.6	90.6	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
90.1	90.9	91.4	91.5	91.5	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
91.9	92.8	93.3	93.6	93.7	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
93.7	94.8	95.3	95.6	95.7	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
94.5	95.6	96.1	96.4	96.5	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
94.7	95.9	96.3	96.6	96.8	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
95.2	96.3	96.9	97.2	97.4	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
95.7	96.9	97.4	97.8	98.2	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
96.1	97.2	97.9	98.3	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
96.2	97.3	98.0	98.4	98.9	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
96.3	97.4	98.1	98.5	99.0	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
96.4	97.5	98.2	98.7	99.1	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
96.5	97.5	98.3	98.8	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
96.5	97.6	98.3	98.8	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
96.5	97.6	98.3	98.8	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
96.5	97.6	98.3	98.8	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
96.5	97.6	98.3	98.8	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

CEILING VERSUS VISIBILITY

2

7 12 00 COLD LAKE APT CN

73-87

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

58.5	59.2	59.7	59.7	60.0	60.0	60.2	60.2	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
65.5	66.1	66.8	66.8	67.1	67.1	67.3	67.3	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
65.5	66.1	66.8	66.8	67.1	67.1	67.3	67.3	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
66.4	67.0	67.7	67.7	68.0	68.0	68.1	68.1	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
68.6	69.3	69.9	69.9	70.3	70.3	70.4	70.4	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
73.3	74.1	74.9	74.9	75.2	75.2	75.4	75.4	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
78.0	79.0	79.8	79.8	80.1	80.1	80.2	80.2	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
80.6	81.7	82.5	82.5	82.8	82.8	82.9	82.9	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
82.6	83.7	84.5	84.5	84.8	84.8	84.9	84.9	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
84.0	85.1	85.9	85.9	86.2	86.2	86.3	86.3	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
85.8	87.2	88.0	88.0	88.3	88.3	88.5	88.5	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
86.8	88.6	89.3	89.3	89.7	89.7	89.8	89.8	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
88.1	90.0	90.8	90.8	91.1	91.1	91.2	91.2	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
89.1	91.1	91.9	92.0	92.3	92.3	92.5	92.5	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
90.1	92.7	93.8	94.0	94.3	94.3	94.6	94.6	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
91.1	93.7	94.8	95.1	95.4	95.4	95.7	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
91.9	94.6	95.7	96.0	96.3	96.4	96.8	96.8	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
92.0	94.7	95.8	96.1	96.4	96.6	96.9	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
92.5	95.2	96.3	96.8	97.1	97.2	97.7	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
93.6	96.4	97.6	98.1	98.4	98.6	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
93.7	96.6	97.7	98.2	98.6	98.9	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
93.7	96.6	97.7	98.2	98.6	98.9	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
93.7	96.7	97.8	98.3	98.7	99.0	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.7	96.7	97.8	98.3	98.7	99.0	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.7	96.7	97.8	98.3	98.7	99.0	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.7	96.7	97.8	98.3	98.7	99.0	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.7	96.7	97.8	98.3	98.7	99.0	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.7	96.7	97.8	98.3	98.7	99.0	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.7	96.7	97.8	98.3	98.7	99.0	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.7	96.7	97.8	98.3	98.7	99.0	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.8	96.8	97.9	98.4	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
93.8	96.8	97.9	98.4	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
93.8	96.8	97.9	98.4	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
93.8	96.8	97.9	98.4	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 901

GLOBAL CLIMATOLOGY BRANCH
 WPAFLTAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7.12.0 COLD LAKE APT CN

73-82

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

ALL

50.7	51.2	51.3	51.5	51.7	51.7	51.8	51.9	51.9	52.0	52.1	52.1	52.2	52.2	52.2	52.3
58.0	58.6	58.9	59.1	59.3	59.4	59.5	59.6	59.6	59.7	59.8	59.8	59.9	59.9	59.9	60.1
56.1	58.7	58.9	59.2	59.4	59.4	59.5	59.7	59.7	59.8	59.8	59.8	59.9	59.9	60.0	60.1
56.2	58.8	59.0	59.2	59.4	59.5	59.6	59.7	59.8	59.8	59.9	59.9	60.0	60.0	60.1	60.2
58.8	59.4	59.7	59.9	60.1	60.2	60.3	60.4	60.4	60.5	60.5	60.6	60.7	60.7	60.8	60.9
51.6	62.3	62.6	62.8	63.0	63.1	63.2	63.4	63.4	63.5	63.5	63.5	63.6	63.6	63.7	63.8
67.1	67.8	68.2	68.4	68.6	68.7	68.8	68.9	68.9	69.0	69.1	69.1	69.2	69.2	69.3	69.4
70.4	71.2	71.5	71.9	72.1	72.2	72.3	72.4	72.4	72.5	72.6	72.6	72.7	72.7	72.8	72.9
73.1	73.9	74.3	74.6	74.8	74.8	74.9	75.1	75.1	75.2	75.3	75.3	75.4	75.4	75.5	75.6
75.4	76.2	76.7	77.0	77.2	77.2	77.3	77.5	77.5	77.6	77.7	77.7	77.8	77.8	77.9	78.0
77.4	78.3	78.7	79.0	79.2	79.3	79.4	79.5	79.6	79.7	79.7	79.7	79.8	79.8	79.9	80.1
77.9	80.9	81.3	81.6	81.8	81.9	82.0	82.1	82.2	82.3	82.3	82.3	82.4	82.4	82.5	82.7
81.1	82.1	82.6	82.9	83.1	83.2	83.3	83.4	83.5	83.6	83.6	83.6	83.7	83.7	83.8	84.0
83.0	84.2	84.5	84.9	85.1	85.2	85.3	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.8	86.0
84.0	85.3	85.8	86.1	86.3	86.4	86.5	86.7	86.7	86.8	86.9	86.9	87.0	87.0	87.1	87.2
85.9	87.4	88.0	88.3	88.5	88.6	88.8	88.9	89.0	89.0	89.1	89.1	89.2	89.2	89.3	89.5
87.4	89.1	89.7	90.0	90.3	90.4	90.5	90.7	90.7	90.8	90.9	90.9	91.0	91.0	91.1	91.2
89.2	91.0	91.5	92.0	92.3	92.4	92.6	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.1	93.3
89.5	91.4	91.9	92.4	92.6	92.8	93.0	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.5	93.7
90.4	92.4	93.0	93.5	93.8	94.0	94.2	94.4	94.4	94.5	94.5	94.6	94.7	94.7	94.8	94.9
91.6	93.7	94.3	94.9	95.2	95.4	95.6	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.2	96.4
92.3	94.5	95.2	95.8	96.2	96.4	96.6	96.9	96.9	97.0	97.1	97.1	97.2	97.2	97.3	97.5
92.5	94.8	95.5	96.1	96.5	96.7	97.0	97.2	97.3	97.4	97.5	97.5	97.6	97.6	97.7	97.8
92.7	95.1	95.8	96.5	96.9	97.1	97.4	97.6	97.6	97.8	97.9	97.9	98.0	98.0	98.1	98.2
92.9	95.3	96.1	96.8	97.2	97.4	97.7	98.0	98.0	98.2	98.3	98.3	98.4	98.4	98.5	98.6
93.1	95.5	96.3	97.0	97.5	97.8	98.1	98.3	98.3	98.5	98.6	98.6	98.7	98.7	98.8	99.0
93.3	95.8	96.5	97.3	97.8	98.1	98.4	98.6	98.7	98.9	99.0	99.0	99.1	99.1	99.2	99.3
93.4	95.9	96.7	97.5	98.0	98.4	98.7	98.9	99.0	99.2	99.3	99.3	99.4	99.4	99.5	99.6
93.4	96.0	96.7	97.6	98.1	98.4	98.8	99.0	99.0	99.2	99.4	99.4	99.5	99.5	99.6	99.7
93.4	96.0	96.7	97.6	98.2	98.5	98.8	99.1	99.1	99.3	99.5	99.5	99.6	99.7	99.8	99.9
93.5	96.0	96.8	97.6	98.2	98.5	98.9	99.1	99.1	99.4	99.5	99.5	99.6	99.7	99.8	100.0
93.5	96.0	96.8	97.6	98.2	98.5	98.9	99.1	99.1	99.4	99.5	99.5	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7168

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

2

7 12 0 COLD LAKE APT CN

73-67

July

PERCENT FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1000-1000

60.5	60.9	61.7	61.2	61.2	61.3	61.3	61.3	61.7	61.3	61.3	61.3	61.5	61.5	61.7
66.6	67.0	67.1	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.7
66.6	67.0	67.1	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.7
66.6	67.0	67.1	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.7
66.6	67.0	67.1	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.7
69.9	70.2	70.3	70.6	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	71.1
77.5	77.9	78.0	78.3	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.8
80.6	81.2	81.4	81.6	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.2
83.9	84.6	84.9	85.1	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.6
86.4	87.2	87.4	87.6	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.1
87.7	87.8	88.0	88.2	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.8
88.6	89.3	89.8	90.0	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.5
89.4	90.3	90.8	91.2	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.7
90.0	90.9	91.4	91.8	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.3
91.6	91.5	92.0	92.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	93.0
91.6	92.4	93.0	93.5	93.5	93.6	93.8	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.1
91.6	92.6	93.3	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.2	94.2	94.4
92.8	93.8	94.5	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.4	95.4	95.6
92.9	93.9	94.5	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.6	95.6	95.7	95.7	95.8
93.5	94.5	95.2	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.2	96.2	96.3	96.3	96.4
94.0	95.1	95.8	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.8	96.8	96.9	96.9	97.0
94.0	95.4	96.4	97.1	97.1	97.2	97.4	97.4	97.4	97.4	97.5	97.5	97.6	97.6	97.7
94.2	95.7	96.6	97.4	97.4	97.5	97.7	97.7	97.7	97.7	97.8	97.8	98.0	98.0	98.1
94.4	95.8	96.8	97.5	97.5	97.6	97.8	97.8	97.8	97.8	98.0	98.0	98.1	98.1	98.2
94.6	96.2	97.1	97.8	97.8	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.6
94.6	96.4	97.4	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.9
94.6	96.4	97.4	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.9
94.6	96.4	97.4	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.9
94.6	96.4	97.4	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.9
94.7	96.6	97.6	98.4	98.4	98.6	98.8	98.8	98.8	98.8	99.0	99.0	99.2	99.2	99.3
95.0	96.9	97.8	98.8	98.8	98.9	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.5	99.6
95.0	96.9	97.8	98.8	98.8	98.9	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.5	99.6
95.0	96.9	97.8	98.8	98.8	98.9	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.5	99.6
95.0	96.9	97.8	98.8	98.8	98.9	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.5	99.6

TOTAL NUMBER OF OBSERVATIONS 833

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/CMC

CEILING VERSUS VISIBILITY

73-12-0 COLD LAKE APT CN

73-62

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

49.7	50.2	50.7	51.1	51.3	51.4	51.7	52.1	52.1	52.3	52.7	52.8	53.3	53.4	53.8	54.7
57.2	57.8	58.3	58.6	58.9	59.0	59.4	59.7	59.7	60.0	60.3	60.4	60.9	61.0	61.5	61.7
57.2	57.8	58.3	58.8	58.9	59.0	59.4	59.7	59.7	60.0	60.3	60.4	60.9	61.0	61.5	61.7
57.6	58.2	58.6	59.1	59.2	59.4	59.7	60.1	60.1	60.3	60.7	60.8	61.3	61.4	61.9	62.1
61.5	62.1	62.6	63.1	63.2	63.3	63.6	64.0	64.0	64.2	64.6	64.7	65.2	65.3	65.8	66.0
69.8	70.4	70.9	71.4	71.5	71.6	72.2	72.6	72.6	72.8	73.2	73.3	73.8	73.9	74.4	74.6
74.1	74.9	75.3	75.9	76.0	76.2	76.8	77.1	77.1	77.4	77.7	77.8	78.3	78.4	78.9	79.1
77.8	78.5	79.0	79.6	79.7	79.9	80.5	80.8	80.8	81.0	81.4	81.5	82.0	82.1	82.6	82.8
80.9	81.8	82.2	82.8	83.0	83.1	83.7	84.0	84.0	84.3	84.6	84.7	85.2	85.3	85.8	86.1
81.4	82.2	82.7	83.3	83.4	83.6	84.1	84.5	84.5	84.7	85.1	85.2	85.7	85.8	86.3	86.5
82.7	83.6	84.0	84.6	84.7	84.9	85.5	85.8	85.8	86.1	86.4	86.5	87.0	87.1	87.6	87.8
83.6	84.4	84.9	85.5	85.6	85.7	86.3	86.7	86.7	86.9	87.2	87.4	87.8	88.0	88.4	88.7
84.0	85.1	85.7	86.3	86.4	86.5	87.1	87.5	87.5	87.7	88.1	88.2	88.7	88.8	89.3	89.5
84.6	85.7	86.3	86.9	87.0	87.1	87.7	88.1	88.1	88.3	88.7	88.8	89.3	89.4	89.9	90.1
85.7	86.9	87.6	88.2	88.3	88.4	89.0	89.4	89.4	89.6	90.0	90.1	90.6	90.7	91.2	91.4
86.2	87.4	88.1	88.7	88.8	88.9	89.5	89.9	89.9	90.1	90.5	90.6	91.1	91.2	91.7	91.9
87.5	88.7	89.4	90.0	90.1	90.2	90.9	91.3	91.3	91.5	91.9	92.0	92.5	92.6	93.1	93.3
88.0	89.2	89.9	90.5	90.6	90.7	91.4	91.8	91.8	92.0	92.4	92.5	93.0	93.1	93.6	93.8
88.8	90.2	91.1	91.7	91.9	92.0	92.7	93.1	93.1	93.4	93.8	93.9	94.4	94.5	95.0	95.2
89.2	90.8	91.7	92.3	92.5	92.6	93.3	93.7	93.7	94.0	94.4	94.5	95.0	95.1	95.6	95.8
89.7	91.5	92.5	93.1	93.3	93.4	94.3	94.6	94.6	95.0	95.4	95.5	95.9	96.1	96.5	96.8
90.2	92.1	93.1	93.7	93.9	94.0	94.9	95.2	95.2	95.6	95.9	96.1	96.5	96.7	97.1	97.4
90.7	92.6	93.6	94.2	94.4	94.5	95.4	95.7	95.7	96.1	96.4	96.5	97.0	97.1	97.6	97.9
90.9	92.8	93.8	94.4	94.9	95.0	95.8	96.2	96.2	96.5	96.9	97.0	97.5	97.6	98.1	98.3
91.3	93.3	94.3	94.9	95.4	95.5	96.4	96.8	96.8	97.1	97.5	97.6	98.1	98.2	98.7	98.9
91.3	93.3	94.3	94.9	95.4	95.5	96.5	96.9	96.9	97.3	97.6	97.7	98.2	98.3	98.8	99.0
91.5	93.6	94.5	95.1	95.6	95.7	96.8	97.1	97.1	97.5	97.9	98.0	98.5	98.6	99.0	99.3
91.8	93.9	94.9	95.5	95.9	96.1	97.1	97.5	97.5	97.9	98.2	98.3	98.8	98.9	99.4	99.6
91.9	94.0	95.0	95.6	96.1	96.2	97.3	97.6	97.6	98.0	98.3	98.5	98.9	99.0	99.5	99.8
91.9	94.2	95.1	95.7	96.2	96.3	97.4	97.7	97.7	98.1	98.5	98.6	99.0	99.2	99.6	99.9
91.9	94.2	95.1	95.7	96.2	96.3	97.4	97.7	97.7	98.1	98.5	98.6	99.0	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 839

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 12 5 COLD LAKE APT CN

73-82

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1600-2600

48.7	49.4	49.8	49.9	49.9	49.9	49.9	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	57.1	50.2
56.2	57.0	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	58.0
56.2	57.0	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	58.0
56.8	57.5	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.6
61.5	62.4	62.7	62.8	63.1	63.1	63.2	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5
69.4	70.2	70.5	70.7	70.9	70.9	70.9	71.1	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.5
74.0	75.1	75.4	75.5	75.8	75.8	76.0	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.4
77.3	78.0	78.4	78.5	78.7	78.7	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3
79.3	80.6	81.0	81.1	81.4	81.4	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9
80.2	81.4	81.7	81.8	82.1	82.1	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.7
81.4	82.7	83.0	83.1	83.4	83.4	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.0
81.6	82.9	83.3	83.4	83.6	83.6	83.8	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2
82.5	83.8	84.2	84.3	84.6	84.6	84.8	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.2
83.4	84.7	85.0	85.2	85.4	85.4	85.6	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
84.6	86.0	86.3	86.6	86.8	86.8	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4
85.7	87.3	87.6	87.9	88.1	88.1	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7
86.7	88.2	88.6	88.8	89.3	89.3	89.5	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9
86.8	88.4	88.7	89.0	89.4	89.4	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0
88.6	90.1	90.5	90.7	91.3	91.3	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9
89.9	91.8	92.3	92.5	93.5	93.5	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.1
91.1	93.1	93.6	93.6	94.8	94.8	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.4
91.4	93.5	93.9	94.2	95.1	95.1	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7
91.8	93.9	94.4	94.7	95.6	95.6	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
92.3	94.5	95.1	95.4	96.3	96.3	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9
92.5	94.8	95.4	95.6	96.7	96.7	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3
92.6	94.9	95.5	95.7	96.8	96.8	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
93.1	95.4	96.0	96.2	97.3	97.3	97.5	97.5	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
93.3	95.7	96.6	96.9	98.0	98.0	98.2	98.2	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2
93.3	95.7	96.6	97.0	98.1	98.1	98.5	98.5	98.5	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6
93.3	95.7	96.6	97.0	98.1	98.1	98.5	98.5	98.5	99.3	99.5	99.6	99.8	99.8	99.8	99.8	100.0
93.3	95.7	96.6	97.0	98.1	98.1	98.5	98.5	98.5	99.3	99.5	99.6	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 842

GENERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/14AC

CEILING VERSUS VISIBILITY

7-12-77 COLD LAKE APT CN

73-82

000

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

900-1400

47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
55.7	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	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
56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
75.0	75.3	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
75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
77.2	77.5	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
78.8	79.1	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
81.4	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
82.2	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	82.8	82.8
85.1	85.5	85.5	85.5	85.7	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
87.1	87.5	87.6	87.6	87.8	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
89.9	90.2	90.3	90.3	90.6	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
90.5	90.8	90.9	90.9	91.2	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
93.2	93.7	94.0	94.2	94.5	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
94.8	95.5	96.1	96.2	96.5	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
95.4	96.3	96.8	96.9	97.3	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
95.4	96.4	96.9	97.0	97.5	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
95.4	96.7	97.1	97.3	97.9	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
95.7	97.0	97.5	97.6	98.3	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
95.9	97.4	97.9	98.0	98.7	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
96.1	97.5	98.1	98.2	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
96.2	97.9	98.3	98.6	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
96.2	97.9	98.3	98.6	99.3	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
96.2	97.9	98.3	98.6	99.3	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
96.2	97.9	98.3	98.6	99.3	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 839

CEILING VERSUS VISIBILITY

2

7 1210 COLD LAKE APT CV

73-82

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1210-1400

38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
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	51.0	51.0	51.0	51.0
56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
60.9	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
63.7	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	64.2	64.2	64.2	64.2	64.2	64.2
66.5	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
69.1	69.8	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	70.0	70.0
76.1	76.9	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	77.1	77.1	77.1
79.5	80.3	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	80.5	80.5
83.7	84.7	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
86.0	87.3	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
89.3	90.7	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
90.5	92.0	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
92.7	94.3	95.2	95.5	95.5	95.5	95.5	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
93.5	95.1	96.1	96.3	96.3	96.3	96.3	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
94.6	96.2	97.4	97.7	97.7	97.7	97.7	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
95.1	96.8	98.2	98.4	98.5	98.5	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	98.7
95.4	97.2	98.5	98.8	99.0	99.0	99.0	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
95.4	97.3	99.0	99.4	99.6	99.6	99.6	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
95.4	97.3	99.0	99.4	99.6	99.6	99.6	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
95.5	97.4	99.1	99.5	99.8	99.8	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
95.5	97.4	99.1	99.5	99.8	99.8	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
95.5	97.4	99.1	99.5	99.8	99.8	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
95.5	97.4	99.1	99.5	99.8	99.8	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
95.5	97.4	99.1	99.5	99.8	99.8	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
95.5	97.4	99.1	99.5	99.8	99.8	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

TOTAL NUMBER OF OBSERVATIONS 621

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 12 0 COLD LAKE APT ON

73-67

30

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1500-1700

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	42.0	42.0
56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
66.1	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
69.7	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
72.9	73.3	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
75.1	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
79.9	80.5	80.5	80.6	80.6	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
85.7	86.3	86.4	86.4	86.4	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
87.6	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
89.8	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
93.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
94.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
95.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
96.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
96.6	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
97.0	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
97.2	98.5	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
97.2	98.6	98.8	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
97.2	98.6	98.8	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
97.2	98.6	98.8	99.3	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.2	98.6	98.8	99.3	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.2	98.6	98.8	99.3	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.2	98.6	98.8	99.3	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.2	98.6	98.8	99.3	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.2	98.6	98.8	99.3	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 831

FEDERAL CLIMATOLOGY BRANCH
WAFS/TAC
AIR WEATHER SERVICE/WAC

CEILING VERSUS VISIBILITY

7 12 0 WOOD LAKE APT ON

73-80

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1960-1969

53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
59.3	59.7	59.8	59.6	59.6	59.6	59.6	59.3	59.3	59.3	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
77.7	76.1	79.3	75.3	75.3	78.3	78.3	78.3	78.3	75.3	73.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
80.5	81.0	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	81.3	81.3
83.3	83.7	84.1	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
85.5	86.1	86.2	85.2	85.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
87.5	88.2	88.4	88.5	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
89.3	90.0	91.3	90.4	90.5	90.5	90.5	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
90.5	91.3	91.5	91.7	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
91.7	92.5	92.9	93.1	93.2	93.2	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
92.4	93.2	93.5	93.7	93.8	93.8	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
94.5	95.6	95.8	95.1	96.3	96.3	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
94.5	95.9	96.4	96.7	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	97.0
95.6	96.3	97.3	97.5	97.8	97.8	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
95.6	96.3	97.3	97.5	97.8	97.8	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
95.8	97.1	97.7	98.2	98.4	98.4	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
95.7	97.2	97.8	98.3	98.5	98.5	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
95.9	97.3	97.9	98.4	98.6	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	98.8	98.8
95.9	97.3	97.9	98.4	98.6	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	98.8	98.8
95.7	97.3	97.9	98.6	98.9	98.9	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
95.9	97.3	97.9	98.6	99.0	99.0	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
96.2	97.5	98.2	98.5	99.4	99.5	99.5	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
96.3	97.5	98.2	98.9	99.5	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
96.2	97.5	98.2	98.9	99.5	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
96.2	97.5	98.2	98.9	99.5	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
96.2	97.5	98.2	98.9	99.5	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
96.2	97.5	98.2	98.9	99.5	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS



USAF F... OFFICE OF AIR... WASHINGTON, D.C.

AD-A128 121

COLD LAKE AIRPORT CANADA REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83

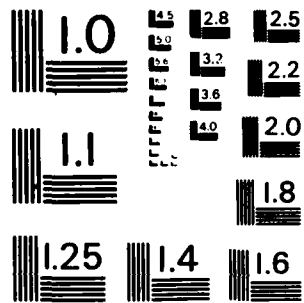
35

UNCLASSIFIED

USAFETAC/DS-83/007 SB1-AD-E850 371

F/G 4/2

NL



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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

711200 COLD LAKE APT CN

73-82

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
500	50.0	50.2	50.3	50.4	50.5	50.5	50.5	50.6	50.6	50.6	50.7	50.7	50.8	50.8	50.9	50.9			
400	59.3	59.5	59.7	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.1	60.1	60.2	60.2	60.3	60.3	60.3	60.4	
300	59.5	59.7	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.2	60.3	60.3	60.4	60.4	60.5	60.5			
200	59.9	60.2	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.7	60.8	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0
100	63.0	63.4	63.5	63.6	63.7	63.7	63.8	63.8	63.8	63.9	64.0	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2
80	70.5	70.9	71.1	71.3	71.3	71.3	71.5	71.5	71.5	71.6	71.6	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.9
60	74.3	74.9	75.1	75.2	75.2	75.3	75.4	75.5	75.5	75.5	75.6	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8
40	77.3	78.0	78.2	78.3	78.4	78.4	78.5	78.6	78.6	78.6	78.7	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9
20	79.6	80.3	80.5	80.6	80.7	80.7	80.9	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.3
10	81.4	82.1	82.3	82.5	82.5	82.6	82.7	82.8	82.8	82.8	82.9	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1
5	84.0	84.7	85.0	85.1	85.2	85.2	85.4	85.4	85.4	85.5	85.6	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8
3	85.3	86.1	86.3	86.5	86.6	86.6	86.8	86.8	86.8	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.2	87.2
2	87.0	87.8	88.1	88.3	88.4	88.5	88.6	88.7	88.7	88.8	88.8	88.8	88.9	88.9	89.0	89.0	89.0	89.1	89.1
1	87.9	88.8	89.1	89.3	89.4	89.5	89.6	89.7	89.7	89.8	89.8	89.8	89.9	89.9	90.0	90.0	90.0	90.1	90.1
0	89.8	90.8	91.2	91.5	91.6	91.6	91.8	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.2	92.2	92.2	92.3	92.3
0.5	90.7	91.8	92.2	92.5	92.6	92.6	92.8	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.3	93.3
0.25	92.1	93.2	93.7	94.0	94.1	94.2	94.4	94.5	94.5	94.5	94.6	94.6	94.7	94.7	94.8	94.8	94.8	94.9	94.9
0.1	92.4	93.5	94.0	94.3	94.5	94.6	94.7	94.8	94.8	94.9	94.9	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2
0.05	93.4	94.6	95.2	95.6	95.8	95.9	96.1	96.1	96.1	96.2	96.3	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5
0.025	94.0	95.3	96.0	96.4	96.7	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.4	97.4
0.01	94.4	95.9	96.6	97.0	97.3	97.4	97.6	97.7	97.7	97.7	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.1	98.1
0.005	94.5	96.1	96.8	97.2	97.5	97.6	97.8	97.9	97.9	97.9	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.3	98.3
0.0025	94.6	96.2	97.0	97.4	97.8	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.6	98.6
0.001	94.8	96.4	97.2	97.7	98.1	98.2	98.4	98.5	98.5	98.6	98.7	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0
0.0005	95.0	96.7	97.4	97.9	98.4	98.5	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3
0.00025	95.3	96.7	97.5	98.0	98.5	98.6	98.8	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4
0.0001	95.1	96.8	97.6	98.1	98.6	98.7	99.0	99.1	99.1	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5
0.00005	95.2	97.0	97.8	98.3	98.8	98.9	99.1	99.2	99.2	99.3	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.8
0.000025	95.2	97.0	97.8	98.3	98.9	98.9	99.2	99.3	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9
0.00001	95.2	97.0	97.8	98.4	98.9	98.9	99.2	99.3	99.3	99.5	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6662

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

711200 COLD LAKE APT CN

73-82

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0000-2200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4
10000	63.1	63.9	63.9	64.0	64.2	64.2	64.4	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6
8000	67.1	67.9	67.9	68.0	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.6	68.6	68.6	68.6
6000	67.1	67.9	67.9	68.0	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.6	68.6	68.6	68.6
4000	67.9	68.7	68.7	68.8	69.0	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.4	69.4	69.4	69.4
2000	70.5	71.4	71.4	71.5	71.7	71.7	71.9	71.9	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1
1000	77.3	78.2	78.2	78.3	78.5	78.5	78.7	78.7	78.7	78.8	78.8	78.8	78.9	78.9	78.9	78.9
800	79.3	80.4	80.4	80.6	80.8	80.9	81.0	81.0	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.3
600	82.1	83.5	83.5	83.8	84.1	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.6	84.6	84.6	84.6
400	84.2	85.7	85.7	85.9	86.4	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8
200	85.1	86.9	87.1	87.3	87.7	87.9	88.0	88.0	88.0	88.2	88.3	88.3	88.4	88.4	88.4	88.4
100	86.0	87.9	88.3	88.5	89.0	89.1	89.2	89.2	89.2	89.4	89.6	89.6	89.7	89.7	89.7	89.7
80	86.7	88.5	89.0	89.2	89.7	89.8	89.9	89.9	89.9	90.1	90.2	90.2	90.4	90.4	90.4	90.4
60	87.4	89.2	89.7	89.9	90.4	90.5	90.6	90.6	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.0
40	87.9	89.7	90.1	90.4	90.8	90.9	91.0	91.0	91.0	91.3	91.4	91.4	91.5	91.5	91.5	91.5
20	88.8	90.8	91.3	91.5	92.1	92.2	92.3	92.3	92.3	92.5	92.6	92.6	92.7	92.7	92.7	92.7
10	89.3	91.5	91.9	92.2	92.7	92.8	93.0	93.0	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.4
8	90.2	92.4	92.8	93.1	93.6	93.8	93.9	93.9	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.3
6	90.4	92.5	93.0	93.2	93.8	93.9	94.0	94.0	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.4
4	91.1	93.4	94.0	94.2	94.8	94.9	95.0	95.0	95.0	95.2	95.3	95.3	95.5	95.5	95.5	95.5
2	92.3	94.8	95.3	95.6	96.3	96.4	96.5	96.5	96.5	96.7	96.8	96.8	96.9	96.9	96.9	96.9
1 1/2	92.6	95.2	95.8	96.3	97.0	97.2	97.3	97.3	97.3	97.5	97.6	97.6	97.7	97.7	97.7	97.7
1	92.8	95.5	96.0	96.6	97.4	97.5	97.6	97.6	97.6	97.8	98.0	98.0	98.1	98.1	98.1	98.1
3/4	93.4	96.0	96.6	97.2	98.0	98.1	98.2	98.2	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6
1/2	93.5	96.3	96.8	97.6	98.4	98.5	98.6	98.6	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1
1/4	93.9	96.6	97.2	98.0	98.8	98.9	99.1	99.1	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5
1/8	94.0	96.7	97.3	98.1	98.9	99.0	99.2	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7
1/16	94.1	96.8	97.4	98.2	99.0	99.1	99.3	99.3	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8
1/32	94.1	96.8	97.4	98.2	99.1	99.2	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9
1/64	94.1	96.8	97.4	98.2	99.1	99.2	99.5	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
1/128	94.1	96.8	97.4	98.2	99.1	99.2	99.5	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
1/256	94.1	96.8	97.4	98.2	99.1	99.2	99.5	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 881

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

711200 COLD LAKE APT CN

73-82

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

CEILING FEET	VISIBILITY IN STATUTE MILES															
	210	20	21	24	25	22	21	25	21	2	3	2	2 1/2	2	2 1/2	2
10000	53.3	54.8	55.3	55.1	55.5	55.5	55.6	56.0	56.0	56.6	56.9	57.1	57.5	57.7	57.9	58.4
2 2000	58.4	60.3	60.6	60.7	61.0	61.0	61.1	61.6	61.6	62.1	62.5	62.6	63.1	63.3	63.4	64.1
2 1800	58.4	60.3	60.6	60.7	61.0	61.0	61.1	61.6	61.6	62.1	62.5	62.6	63.1	63.3	63.4	64.1
2 1600	58.4	60.3	60.6	60.7	61.0	61.0	61.1	61.6	61.6	62.1	62.5	62.6	63.1	63.3	63.4	64.1
2 1400	58.8	60.7	60.9	61.0	61.4	61.4	61.5	61.9	61.9	62.5	62.8	62.9	63.4	63.6	63.7	64.4
2 1200	60.2	62.1	62.4	62.5	62.8	62.8	62.9	63.4	63.4	64.0	64.3	64.4	64.9	65.1	65.2	65.9
2 1000	68.4	70.8	71.2	71.3	71.6	71.6	71.8	72.2	72.2	72.8	73.1	73.2	73.8	74.0	74.2	74.9
2 800	70.8	73.4	73.8	74.0	74.4	74.4	74.5	74.9	74.9	75.5	75.9	76.0	76.6	76.8	77.1	77.9
2 600	74.2	77.1	77.4	77.6	78.0	78.0	78.1	78.5	78.5	79.1	79.5	79.7	80.2	80.5	80.7	81.5
2 400	76.0	79.1	79.4	79.8	80.1	80.1	80.2	80.7	80.7	81.2	81.7	81.8	82.5	82.7	82.9	83.7
2 200	76.9	80.1	80.5	80.8	81.1	81.1	81.2	81.7	81.7	82.3	82.7	82.8	83.5	83.7	84.0	84.7
2 1000	78.2	81.4	81.7	82.0	82.5	82.5	82.6	83.1	83.1	83.8	84.3	84.4	85.1	85.3	85.5	86.3
2 4000	79.1	82.3	82.6	82.9	83.4	83.4	83.5	84.0	84.0	84.7	85.2	85.3	86.0	86.2	86.4	87.2
2 4000	80.2	83.5	83.8	84.3	84.7	84.7	84.9	85.4	85.4	86.2	86.7	86.8	87.5	87.7	87.9	88.7
2 3000	80.6	83.8	84.2	84.6	85.1	85.1	85.2	85.8	85.8	86.6	87.0	87.1	87.8	88.0	88.2	89.0
2 3000	81.7	85.0	85.3	85.9	86.3	86.3	86.4	87.0	87.0	87.8	88.2	88.4	89.0	89.3	89.5	90.3
2 2500	82.6	86.1	86.4	87.0	87.5	87.5	87.6	88.1	88.1	88.9	89.4	89.5	90.2	90.4	90.6	91.4
2 2000	83.7	87.5	87.9	88.5	88.9	88.9	89.0	89.6	89.6	90.4	90.8	91.0	91.6	91.9	92.1	92.9
2 1800	83.8	87.6	88.0	88.6	89.0	89.0	89.2	89.7	89.7	90.5	91.0	91.1	91.8	92.0	92.2	93.0
2 1600	84.7	88.7	89.2	89.7	90.2	90.2	90.3	90.8	90.8	91.6	92.1	92.2	92.9	93.1	93.3	94.1
2 1400	85.8	89.8	90.4	91.0	91.4	91.4	91.5	92.1	92.1	92.9	93.3	93.4	94.1	94.4	94.6	95.4
2 1200	86.3	90.6	91.3	92.0	92.4	92.4	92.5	93.1	93.1	93.9	94.4	94.5	95.1	95.4	95.6	96.4
2 1000	86.4	90.7	91.4	92.1	92.5	92.5	92.7	93.2	93.2	94.0	94.5	94.6	95.3	95.5	95.7	96.5
2 800	86.7	91.0	91.8	92.4	92.9	92.9	93.0	93.6	93.6	94.4	94.8	94.9	95.6	95.8	96.0	96.8
2 600	86.8	91.1	91.9	92.5	93.1	93.1	93.2	93.8	93.8	94.6	95.0	95.1	95.8	96.0	96.3	97.1
2 400	87.2	91.5	92.3	93.2	93.9	93.9	94.0	94.6	94.6	95.4	95.8	95.9	96.6	96.8	97.1	97.9
2 200	87.3	91.8	92.8	93.7	94.5	94.5	94.6	95.3	95.3	96.0	96.5	96.6	97.3	97.5	97.7	98.5
2 1000	87.8	92.3	93.3	94.5	95.3	95.3	95.5	96.2	96.2	96.9	97.4	97.5	98.2	98.4	98.6	99.4
2 3000	87.8	92.4	93.6	94.7	95.5	95.5	95.7	96.4	96.4	97.2	97.6	97.7	98.4	98.6	98.9	99.7
2 2000	87.9	92.5	93.7	94.8	95.6	95.6	95.8	96.5	96.5	97.3	97.7	97.9	98.5	98.8	99.0	99.8
2 1000	87.9	92.5	93.7	94.8	95.6	95.6	95.8	96.5	96.5	97.3	97.7	97.9	98.5	98.8	99.0	99.9
2 1000	87.9	92.5	93.7	94.8	95.6	95.6	95.8	96.5	96.5	97.3	97.7	97.9	98.5	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 885

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7112 00 COLD LAKE APT CN

73-82

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO CEILING	51.4	52.5	52.6	52.8	53.2	53.2	53.4	53.7	53.7	53.8	53.8	53.8	54.0	54.0	54.1	54.4
≥ 20000	57.8	59.2	59.3	59.4	59.9	59.9	60.1	60.3	60.3	60.5	60.5	60.5	60.7	60.7	60.8	61.3
≥ 18000	57.9	59.3	59.4	59.5	60.0	60.0	60.2	60.5	60.5	60.6	60.6	60.6	60.8	60.8	60.9	61.1
≥ 16000	57.9	59.3	59.4	59.5	60.0	60.0	60.2	60.5	60.5	60.6	60.6	60.6	60.8	60.8	60.9	61.1
≥ 14000	59.4	60.8	60.9	61.0	61.5	61.5	61.7	62.0	62.0	62.1	62.1	62.1	62.3	62.3	62.4	62.6
≥ 12000	62.5	63.9	64.1	64.3	64.7	64.7	64.9	65.2	65.2	65.3	65.3	65.3	65.5	65.5	65.6	65.9
≥ 10000	68.6	70.2	70.6	70.9	71.4	71.4	71.6	71.8	71.8	72.0	72.0	72.0	72.2	72.2	72.3	72.5
≥ 8000	71.5	73.2	73.6	73.9	74.4	74.4	74.6	74.8	74.8	74.9	74.9	74.9	75.3	75.3	75.5	75.7
≥ 6000	74.7	76.8	77.1	77.6	78.0	78.0	78.3	78.5	78.5	78.6	78.6	78.6	79.0	79.0	79.3	79.5
≥ 4000	75.6	77.9	78.3	78.7	79.2	79.3	79.5	79.8	79.8	79.9	79.9	79.9	80.2	80.2	80.6	80.8
≥ 3000	76.4	78.9	79.2	79.7	80.1	80.2	80.5	80.7	80.7	80.8	80.8	80.8	81.1	81.1	81.5	81.7
≥ 2000	77.2	79.7	80.0	80.5	81.0	81.1	81.4	81.6	81.6	81.7	81.7	81.7	82.1	82.1	82.4	82.6
≥ 1500	77.6	80.0	80.3	80.9	81.5	81.6	81.8	82.1	82.1	82.2	82.2	82.2	82.5	82.5	82.9	83.1
≥ 1000	78.6	81.1	81.5	82.1	82.6	82.8	83.0	83.2	83.2	83.3	83.3	83.3	83.7	83.7	84.0	84.3
≥ 800	78.7	81.4	81.7	82.3	82.9	83.0	83.2	83.4	83.4	83.6	83.6	83.6	83.9	83.9	84.3	84.5
≥ 600	79.3	82.1	82.4	83.0	83.6	83.8	84.0	84.3	84.3	84.4	84.4	84.4	84.7	84.7	85.1	85.3
≥ 400	80.3	83.1	83.4	84.0	84.6	84.8	85.1	85.3	85.3	85.4	85.4	85.4	85.7	85.7	86.1	86.3
≥ 200	82.6	85.4	85.7	86.3	87.0	87.2	87.5	87.7	87.7	87.8	87.8	87.8	88.2	88.2	88.5	88.7
≥ 100	83.2	86.0	86.3	86.9	87.6	87.8	88.0	88.3	88.3	88.4	88.4	88.4	88.7	88.7	89.1	89.3
≥ 0	84.6	87.4	87.8	88.4	89.1	89.3	89.5	89.8	89.8	89.9	89.9	89.9	90.2	90.2	90.6	90.8
≥ 1200	86.6	89.4	90.0	90.6	91.3	91.5	91.7	92.0	92.0	92.1	92.1	92.1	92.4	92.4	92.8	93.0
≥ 1000	87.4	90.6	91.1	92.0	92.9	93.1	93.3	93.6	93.6	93.7	93.7	93.7	94.0	94.0	94.4	94.6
≥ 900	87.7	91.0	91.6	92.4	93.3	93.6	93.9	94.1	94.1	94.3	94.3	94.3	94.6	94.6	94.9	95.2
≥ 800	88.5	92.1	92.8	93.6	94.5	94.7	95.1	95.3	95.3	95.4	95.4	95.4	95.7	95.7	96.1	96.3
≥ 700	89.0	92.5	93.2	94.1	95.1	95.3	95.6	95.9	95.9	96.0	96.0	96.0	96.3	96.3	96.7	96.9
≥ 600	89.4	93.1	93.8	94.7	95.9	96.1	96.4	96.7	96.7	96.8	96.8	96.8	97.1	97.1	97.5	97.7
≥ 500	89.9	93.6	94.4	95.3	96.6	96.8	97.1	97.4	97.4	97.5	97.5	97.5	97.8	97.8	98.2	98.4
≥ 400	89.9	93.7	94.6	95.5	96.8	97.0	97.4	97.6	97.6	97.7	97.7	97.7	98.3	98.3	98.7	99.1
≥ 300	90.0	93.9	94.8	95.7	97.0	97.2	97.6	97.9	97.9	98.0	98.3	98.3	98.7	98.9	99.3	99.7
≥ 200	90.0	93.9	94.8	95.7	97.0	97.2	97.6	97.9	97.9	98.3	98.5	98.5	99.0	99.1	99.5	99.9
≥ 100	90.0	93.9	94.8	95.7	97.0	97.2	97.6	97.9	97.9	98.3	98.5	98.5	99.0	99.1	99.5	100.0
≥ 0	90.0	93.9	94.8	95.7	97.0	97.2	97.6	97.9	97.9	98.3	98.5	98.5	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 870

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

711200 COLD LAKE APT CN

73-82

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0900-1100

CEILING FEET	20	20	20	24	24	24	24	24	24	24	24	24	24	24	24	24
1000	51.6	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
900	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
800	60.9	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
700	61.2	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
600	62.1	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
500	65.3	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
400	70.2	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
300	73.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
200	75.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
100	75.9	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
0	76.4	77.6	77.6	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
1000	77.4	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
900	78.0	79.4	79.4	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
800	79.1	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
700	79.6	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
600	81.4	83.3	83.4	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
500	83.2	85.0	85.1	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
400	87.2	89.2	89.3	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
300	87.9	90.0	90.1	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
200	90.0	92.0	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
100	92.6	94.7	94.8	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
0	93.5	95.7	95.8	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
1000	94.2	96.4	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
900	95.3	97.5	97.6	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
800	95.8	98.2	98.3	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
700	96.2	98.5	98.6	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
600	96.2	98.5	98.6	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
500	96.3	98.7	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	96.3	98.7	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	96.3	98.7	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	96.3	98.7	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	96.3	98.7	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.3	98.7	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 867

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

711200 COLD LAKE APT CN

73-82

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING (FEET)	0	25	50	75	100	125	150	200	250	300	400	500	600	700	800	900	1000
1000	44.8	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
900	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
800	55.8	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	56.1
700	56.5	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
600	61.1	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
500	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
400	69.5	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
300	71.2	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
200	72.8	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	73.5	73.5	73.5
100	73.9	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
0	76.5	77.1	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8
1000	79.0	79.6	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
900	82.1	82.7	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
800	84.1	84.6	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
700	87.7	88.2	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
600	90.1	90.8	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
500	93.2	94.1	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
400	93.9	94.8	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
300	95.7	96.5	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0
200	96.3	97.2	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
100	96.5	97.4	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
0	96.5	97.4	98.4	98.8	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
1000	96.7	97.8	98.7	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
900	96.7	97.8	98.7	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
800	96.7	97.8	98.7	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
700	96.7	97.8	98.7	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
600	96.7	97.8	98.7	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
500	96.7	97.8	98.7	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
400	96.7	97.8	98.7	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
300	96.7	97.8	98.7	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
200	96.7	97.8	98.7	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
100	96.7	97.8	98.7	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	96.7	97.8	98.7	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 859

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

711200 COLD LAKE APT CN

73-82

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
47.9	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	46.7
57.9	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
58.2	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
58.2	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
59.3	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
64.3	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
70.1	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
73.4	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
76.2	77.0	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	77.1
78.6	79.4	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
81.2	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
85.3	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
86.2	87.1	87.2	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
88.5	89.4	89.5	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
90.0	90.9	91.1	91.2	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	93.5	93.8	94.0	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
94.2	95.6	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
95.2	96.7	97.0	97.1	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
95.8	97.3	97.6	97.7	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
96.8	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
97.0	98.5	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
97.0	98.6	99.0	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
97.0	98.6	99.0	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
97.0	98.6	99.0	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
97.1	98.7	99.1	99.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.1	98.7	99.1	99.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.1	98.7	99.1	99.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.1	98.7	99.1	99.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.1	98.7	99.1	99.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.1	98.7	99.1	99.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.1	98.7	99.1	99.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 877

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.12 0 COLD LAKE APT CN

73-82

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1900-2000

CEILING	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50
60.0	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
60.0	70.9	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
60.0	71.2	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
60.0	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
60.0	71.8	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
60.0	74.7	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
60.0	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
60.0	83.1	83.4	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
60.0	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
60.0	88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
60.0	89.0	89.4	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
60.0	90.8	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
60.0	91.0	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
60.0	92.2	92.8	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
60.0	92.5	93.1	93.3	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
60.0	94.2	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
60.0	95.1	95.7	96.1	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
60.0	96.4	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
60.0	96.5	97.1	97.5	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
60.0	96.8	97.5	98.1	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
60.0	97.3	98.2	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
60.0	97.3	98.4	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
60.0	97.3	98.4	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
60.0	97.3	98.4	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
60.0	97.5	98.6	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60.0	97.5	98.6	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60.0	97.5	98.6	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60.0	97.5	98.6	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60.0	97.5	98.6	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60.0	97.5	98.6	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60.0	97.5	98.6	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60.0	97.5	98.6	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 857

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7:12-0 GOLD LAKE APT CN

73-82

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING	26	24	22	20	18	16	14	12	10	8	6	4	2	0	0
65.3	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
72.1	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
72.1	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
72.3	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
73.3	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
80.7	81.3	81.3	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
84.6	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
87.3	87.3	87.3	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
88.1	88.3	88.3	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
88.6	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
90.4	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
91.3	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
92.3	93.1	93.2	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
92.7	93.5	93.6	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
93.5	94.4	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	95.0
94.1	95.0	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
95.3	96.2	96.6	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
95.8	96.7	97.2	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
96.3	97.2	97.6	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
96.6	97.5	98.1	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
96.7	97.6	98.2	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
96.7	97.6	98.2	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
96.8	97.7	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
97.0	98.0	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
97.3	98.3	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
97.3	98.1	99.0	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
97.0	98.1	99.0	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
97.0	98.1	99.0	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
97.0	98.1	99.0	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
97.0	98.1	99.0	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

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7112.0 COLD LAKE APT CN

73-82

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

ALL

CEILING	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
1000	54.7	55.5	55.5	55.6	55.7	55.7	55.8	55.8	55.8	55.9	56.0	56.0	56.1	56.1	56.2	56.3	
900	62.5	63.3	63.4	63.5	63.6	63.6	63.6	63.7	63.7	63.8	63.9	63.9	64.0	64.0	64.1	64.2	64.2
800	62.7	63.5	63.5	63.6	63.7	63.7	63.8	63.8	63.8	63.9	64.0	64.0	64.1	64.1	64.2	64.3	64.3
700	62.8	63.6	63.6	63.7	63.8	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.2	64.3	64.3	64.4	
600	63.6	64.4	64.5	64.5	64.6	64.6	64.7	64.8	64.8	64.9	64.9	64.9	65.0	65.1	65.1	65.2	
500	66.7	67.5	67.5	67.6	67.8	67.8	67.8	67.9	67.9	68.0	68.0	68.1	68.2	68.2	68.2	68.3	68.3
400	72.9	73.9	74.0	74.1	74.2	74.2	74.3	74.4	74.4	74.5	74.5	74.5	74.7	74.7	74.7	74.8	
300	75.7	76.7	76.9	77.0	77.1	77.1	77.2	77.3	77.3	77.4	77.5	77.5	77.6	77.6	77.7	77.8	
200	78.4	79.5	79.7	79.8	79.9	80.0	80.0	80.1	80.1	80.2	80.3	80.3	80.4	80.4	80.5	80.6	
100	80.0	81.2	81.3	81.5	81.7	81.7	81.7	81.8	81.8	81.9	82.0	82.0	82.2	82.2	82.3	82.4	
0	81.0	82.3	82.5	82.7	82.8	82.8	82.9	83.0	83.0	83.1	83.2	83.2	83.3	83.4	83.4	83.6	
	82.7	84.2	84.4	84.6	84.8	84.9	84.9	85.0	85.0	85.2	85.2	85.2	85.4	85.4	85.5	85.6	
	83.6	85.1	85.4	85.6	85.8	85.8	85.8	85.9	85.9	86.1	86.2	86.2	86.3	86.3	86.4	86.5	
	85.1	86.6	86.9	87.1	87.3	87.3	87.4	87.5	87.5	87.7	87.7	87.7	87.9	87.9	88.0	88.1	
	85.8	87.3	87.6	87.9	88.1	88.1	88.2	88.2	88.4	88.5	88.5	88.6	88.7	88.7	88.9		
	87.3	89.0	89.4	89.7	89.9	89.9	90.0	90.1	90.1	90.3	90.3	90.3	90.5	90.5	90.6	90.7	
	88.6	90.3	90.8	91.1	91.3	91.3	91.4	91.5	91.5	91.7	91.7	91.7	91.9	91.9	92.0	92.1	
	90.5	92.3	92.7	93.0	93.3	93.3	93.4	93.5	93.5	93.6	93.7	93.7	93.9	93.9	94.0	94.1	
	90.9	92.7	93.2	93.5	93.7	93.8	93.8	93.9	93.9	94.1	94.2	94.2	94.3	94.3	94.4	94.5	
	92.0	93.9	94.3	94.7	95.0	95.0	95.1	95.2	95.2	95.4	95.4	95.4	95.6	95.6	95.7	95.8	
	93.0	95.0	95.5	96.0	96.2	96.3	96.4	96.5	96.5	96.6	96.7	96.7	96.9	96.9	97.0	97.1	
	93.4	95.5	96.0	96.5	96.9	97.0	97.0	97.1	97.1	97.3	97.4	97.4	97.5	97.6	97.6	97.8	
	93.6	95.7	96.2	96.7	97.1	97.2	97.3	97.4	97.4	97.5	97.6	97.6	97.8	97.8	97.9	98.0	
	93.9	96.1	96.7	97.2	97.6	97.7	97.8	97.9	97.9	98.0	98.1	98.1	98.3	98.3	98.4	98.5	
	94.2	96.4	97.0	97.6	98.0	98.1	98.2	98.3	98.3	98.5	98.6	98.6	98.7	98.8	98.8	99.0	
	94.4	96.6	97.2	97.8	98.3	98.4	98.5	98.6	98.6	98.8	98.9	98.9	99.0	99.1	99.1	99.3	
	94.5	96.7	97.4	98.0	98.5	98.6	98.7	98.9	98.9	99.0	99.1	99.1	99.3	99.4	99.4	99.5	
	94.5	96.8	97.5	98.2	98.7	98.8	99.0	99.1	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.8	
	94.6	96.9	97.6	98.2	98.8	98.9	99.0	99.2	99.2	99.3	99.4	99.5	99.6	99.7	99.8	99.9	
	94.6	96.9	97.6	98.3	98.8	98.9	99.1	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.8	100.0	
	94.6	96.9	97.6	98.3	98.8	98.9	99.1	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.8	100.0	
	94.6	96.9	97.6	98.3	98.8	98.9	99.1	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 6284

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 12 0 COLD LAKE APT CV

73-82

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

000-0000

61.4	62.4	62.4	62.7	63.1	63.1	63.1	63.1	63.1	63.2	63.4	63.4	63.4	63.4	63.5	63.5
63.7	64.8	64.8	65.1	65.8	65.8	65.8	65.8	65.8	65.9	66.1	66.1	66.1	66.1	66.2	66.3
63.7	64.8	64.8	65.1	65.8	65.8	65.8	65.8	65.9	65.9	66.1	66.1	66.1	66.1	66.2	66.3
64.5	65.5	65.5	65.9	66.6	66.6	66.6	66.6	66.6	66.7	66.9	66.9	66.9	66.9	67.1	67.2
66.4	67.5	67.5	67.8	68.5	68.5	68.5	68.5	68.5	68.6	68.8	68.8	68.8	68.8	69.0	69.1
72.2	73.3	73.3	73.6	74.3	74.3	74.3	74.3	74.3	74.4	74.6	74.6	74.6	74.7	74.7	75.2
75.2	76.4	76.4	76.6	77.4	77.4	77.4	77.4	77.4	77.6	77.8	77.8	77.8	77.9	77.9	78.3
79.5	80.7	80.8	81.1	81.9	81.9	81.9	81.9	81.9	82.0	82.3	82.3	82.4	82.4	82.7	82.8
81.8	83.5	83.6	84.0	84.8	84.8	84.8	84.8	84.8	85.0	85.2	85.2	85.3	85.3	85.6	85.7
83.3	85.1	85.2	85.5	86.4	86.4	86.4	86.4	86.4	86.5	86.8	86.8	86.9	86.9	87.2	87.3
84.6	86.5	86.6	87.0	87.9	87.9	87.9	87.9	87.9	88.0	88.2	88.2	88.3	88.3	88.7	88.8
85.3	87.2	87.3	87.7	88.6	88.6	88.6	88.6	88.6	88.7	88.9	88.9	89.0	89.0	89.3	89.5
86.3	88.2	88.4	88.9	90.0	90.0	90.0	90.0	90.0	90.1	90.3	90.3	90.5	90.5	90.8	90.9
86.4	88.4	88.7	89.1	90.2	90.2	90.2	90.2	90.2	90.3	90.6	90.6	90.7	90.7	91.0	91.1
87.2	89.2	89.5	89.9	91.1	91.1	91.1	91.1	91.1	91.2	91.5	91.5	91.6	91.6	91.9	92.0
87.5	89.6	89.8	90.2	91.5	91.5	91.5	91.5	91.5	91.6	91.8	91.8	91.9	91.9	92.3	92.4
89.7	91.7	91.9	92.4	93.6	93.6	93.6	93.6	93.6	93.7	93.9	93.9	94.1	94.1	94.4	94.5
89.7	91.7	91.9	92.4	93.6	93.6	93.6	93.6	93.6	93.7	93.9	93.9	94.1	94.1	94.4	94.5
90.5	92.6	92.8	93.4	94.6	94.6	94.6	94.6	94.6	94.7	94.9	94.9	95.1	95.1	95.4	95.5
91.2	93.5	93.7	94.3	95.7	95.7	95.7	95.7	95.7	95.8	96.1	96.1	96.2	96.2	96.5	96.6
91.2	93.7	93.9	94.6	96.1	96.1	96.1	96.1	96.1	96.5	96.7	96.7	96.9	96.9	97.2	97.3
91.5	93.9	94.2	94.8	96.3	96.3	96.3	96.3	96.3	96.7	97.0	97.0	97.1	97.1	97.4	97.5
91.6	94.2	94.4	95.1	96.5	96.5	96.5	96.5	96.5	97.0	97.2	97.2	97.3	97.3	97.6	97.8
91.7	94.5	94.7	95.5	97.0	97.0	97.0	97.0	97.0	97.4	97.6	97.6	97.8	97.8	98.1	98.2
91.9	94.7	94.9	95.8	97.4	97.4	97.4	97.4	97.4	97.4	98.0	98.2	98.3	98.3	98.7	98.8
92.0	94.8	95.1	96.0	97.5	97.5	97.5	97.5	97.5	97.5	98.1	98.3	98.3	98.4	98.8	98.9
92.0	94.8	95.1	96.0	97.5	97.5	97.5	97.5	97.5	97.5	98.1	98.4	98.4	98.5	98.9	99.0
92.0	94.8	95.1	96.0	97.6	97.6	97.6	97.6	97.6	98.2	98.5	98.5	98.7	98.7	99.0	99.1
92.4	95.2	95.4	96.3	98.1	98.1	98.1	98.1	98.2	98.2	98.8	99.1	99.1	99.2	99.2	99.8
92.4	95.3	95.5	96.4	98.2	98.2	98.2	98.2	98.3	98.3	98.9	99.3	99.3	99.4	99.4	99.9
92.4	95.3	95.5	96.4	98.2	98.2	98.2	98.2	98.3	98.3	98.9	99.3	99.3	99.4	99.4	99.9

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

0 10 00 COLD LAKE APT CV

73-82

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

000-0500

51.7	53.1	53.3	53.9	54.0	54.2	54.4	54.4	54.4	54.4	54.6	54.6	54.9	54.9	55.1	55.6
54.5	56.1	56.3	56.8	57.2	57.4	57.6	57.6	57.6	57.6	57.8	57.8	58.1	58.1	58.3	58.8
54.5	56.1	56.3	56.8	57.2	57.4	57.6	57.6	57.6	57.6	57.8	57.8	58.1	58.1	58.3	58.8
55.1	56.5	56.8	57.6	57.9	58.2	58.4	58.4	58.4	58.4	58.6	58.6	58.8	58.8	59.1	59.6
59.3	60.8	61.0	61.8	62.1	62.4	62.6	62.6	62.6	62.7	62.9	62.9	63.1	63.1	63.4	63.9
67.8	69.4	69.6	70.4	70.8	71.0	71.2	71.2	71.2	71.3	71.5	71.5	71.7	71.7	72.0	72.5
70.4	72.2	72.5	73.3	73.7	74.0	74.2	74.2	74.2	74.3	74.5	74.5	74.7	74.7	74.9	75.5
74.0	75.8	76.2	76.9	77.4	77.6	77.8	77.8	77.8	77.9	78.1	78.1	78.4	78.4	78.6	79.1
75.9	78.0	78.6	79.4	79.9	80.1	80.4	80.4	80.4	80.5	80.7	80.7	80.9	80.9	81.1	81.7
76.6	78.8	79.4	80.1	80.7	80.9	81.1	81.1	81.1	81.2	81.5	81.5	81.7	81.7	81.9	82.6
77.9	80.4	80.9	81.7	82.2	82.5	82.7	82.7	82.7	82.8	83.0	83.0	83.2	83.2	83.4	84.1
78.6	81.0	81.6	82.5	83.1	83.3	83.6	83.6	83.6	83.7	83.9	83.9	84.1	84.1	84.3	85.0
80.5	83.0	83.6	84.4	85.2	85.4	85.8	85.8	85.8	85.9	86.1	86.1	86.3	86.3	86.5	87.2
81.2	83.8	84.3	85.2	86.0	86.2	86.5	86.5	86.5	86.6	86.9	86.9	87.1	87.1	87.3	88.0
82.2	85.0	85.7	86.5	87.3	87.5	87.9	87.9	87.9	88.0	88.2	88.2	88.4	88.4	88.6	89.3
83.0	85.9	86.5	87.4	88.2	88.4	88.7	88.7	88.7	88.9	89.1	89.1	89.3	89.3	89.5	90.2
84.2	87.2	87.9	89.0	89.7	90.0	90.3	90.4	90.4	90.5	90.7	90.7	90.9	90.9	91.2	91.8
84.3	87.3	88.0	89.1	89.8	90.1	90.6	90.7	90.7	90.8	91.1	91.1	91.3	91.3	91.5	92.2
85.1	88.2	88.9	90.1	90.8	91.1	91.6	91.7	91.7	91.8	92.1	92.1	92.3	92.3	92.5	93.2
85.5	88.7	89.4	90.6	91.4	91.6	92.2	92.3	92.3	92.5	92.7	92.7	92.9	92.9	93.2	93.8
86.2	89.6	90.3	91.5	92.3	92.5	93.0	93.3	93.3	93.7	93.9	93.9	94.2	94.2	94.6	95.3
86.5	90.0	90.6	91.8	92.6	92.8	93.4	93.6	93.6	94.0	94.3	94.3	94.5	94.5	94.9	95.6
86.9	90.4	91.1	92.3	93.0	93.4	94.2	94.4	94.4	94.9	95.1	95.1	95.4	95.4	95.8	96.5
87.2	90.8	91.5	92.7	93.5	93.8	94.6	94.8	94.8	95.4	95.6	95.6	95.8	95.8	96.2	96.9
87.3	91.2	91.8	93.2	93.9	94.3	95.0	95.3	95.3	95.8	96.0	96.0	96.2	96.2	96.7	97.4
87.4	91.5	92.2	93.5	94.3	94.6	95.4	95.6	95.6	96.1	96.4	96.4	96.6	96.6	97.0	97.7
87.4	91.7	92.4	93.7	94.5	94.8	95.6	95.9	95.9	96.5	96.7	96.7	96.9	96.9	97.4	98.0
87.5	92.2	92.8	94.2	94.9	95.3	96.0	96.4	96.4	97.0	97.2	97.2	97.6	97.6	98.0	98.7
87.5	92.3	92.9	94.3	95.0	95.4	96.2	96.7	96.7	97.4	97.6	97.6	98.0	98.0	98.4	99.4
87.5	92.4	93.0	94.4	95.1	95.5	96.4	96.8	96.8	97.5	97.8	97.8	98.2	98.2	99.1	99.8
87.5	92.4	93.0	94.4	95.1	95.5	96.4	96.8	96.8	97.5	97.8	97.8	98.2	98.2	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 976

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7.12.0 COLD LAKE APT CN

73-82

AMS

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0500-0800

47.6	49.2	49.8	50.6	51.1	51.1	51.6	51.6	51.6	51.7	51.9	51.9	52.0	52.0	52.0	52.2
52.2	53.3	54.4	55.2	55.8	55.8	56.3	56.3	56.3	56.4	56.6	56.6	56.7	56.7	56.7	57.0
52.2	53.8	54.4	55.2	55.8	55.8	56.3	56.3	56.3	56.4	56.6	56.6	56.7	56.7	56.7	57.0
52.2	53.8	54.4	55.2	55.8	55.8	56.3	56.3	56.3	56.4	56.6	56.6	56.7	56.7	56.7	57.0
52.3	54.4	54.9	55.7	56.4	56.4	56.9	56.9	56.9	57.0	57.2	57.2	57.3	57.3	57.3	57.5
56.4	58.2	58.8	59.6	60.2	60.2	60.8	60.8	60.8	60.9	61.1	61.1	61.2	61.2	61.2	61.5
63.3	65.5	66.2	67.1	67.8	67.8	68.3	68.3	68.3	68.4	68.7	68.7	68.8	68.8	68.8	69.0
67.2	69.6	70.2	71.3	72.1	72.1	72.7	72.8	72.8	72.9	73.1	73.1	73.3	73.3	73.3	73.5
70.6	72.9	73.6	74.7	75.5	75.5	76.1	76.2	76.2	76.3	76.5	76.5	76.6	76.6	76.6	76.9
72.9	75.3	76.0	77.2	78.2	78.2	78.8	78.9	78.9	79.0	79.2	79.2	79.3	79.3	79.3	79.6
74.4	76.7	77.4	78.8	79.8	79.8	80.3	80.4	80.4	80.6	80.8	80.8	80.9	80.9	80.9	81.1
75.1	77.4	78.1	79.4	80.6	80.6	81.1	81.2	81.2	81.3	81.6	81.6	81.7	81.7	81.7	81.9
75.5	77.9	78.5	79.9	81.0	81.0	81.6	81.8	81.8	81.9	82.1	82.1	82.2	82.2	82.2	82.5
77.4	79.8	80.6	81.9	83.1	83.1	83.7	84.0	84.0	84.2	84.4	84.4	84.5	84.5	84.5	84.7
77.9	80.2	81.0	82.4	83.6	83.6	84.2	84.5	84.5	84.6	84.8	84.8	84.9	84.9	84.9	85.2
78.4	80.8	81.6	82.9	84.2	84.2	84.8	85.3	85.3	85.4	85.6	85.6	85.7	85.7	85.7	86.0
79.0	81.3	82.1	83.7	84.9	84.9	85.6	86.1	86.1	86.2	86.4	86.4	86.5	86.5	86.5	86.7
80.2	82.9	83.7	85.4	86.7	86.7	87.4	87.9	87.9	88.0	88.2	88.2	88.3	88.3	88.3	88.5
80.6	83.3	84.0	85.7	87.1	87.1	87.8	88.2	88.2	88.3	88.5	88.5	88.7	88.7	88.7	88.9
81.6	84.3	85.2	86.9	88.3	88.3	89.0	89.4	89.4	89.6	89.8	89.8	89.9	89.9	89.9	90.1
82.4	85.3	86.3	88.0	89.7	89.7	90.6	91.0	91.0	91.1	91.3	91.3	91.5	91.5	91.5	91.7
83.1	86.5	87.5	89.2	90.9	90.9	91.9	92.4	92.4	92.5	92.7	92.7	92.8	92.8	92.8	93.0
83.7	87.2	88.2	90.0	91.7	91.7	92.7	93.1	93.1	93.3	93.5	93.5	93.6	93.6	93.6	93.8
84.7	88.3	89.3	91.2	92.9	92.9	94.2	94.6	94.6	94.7	94.9	94.9	95.1	95.1	95.1	95.3
84.9	88.8	89.8	91.8	93.5	93.5	94.7	95.2	95.2	95.3	95.6	95.6	95.7	95.7	95.7	96.0
85.4	89.4	90.4	92.5	94.2	94.2	95.4	95.8	95.8	96.0	96.3	96.3	96.4	96.4	96.4	96.6
85.5	89.6	90.7	92.8	94.7	94.7	96.0	96.4	96.4	96.6	97.0	97.0	97.1	97.1	97.1	97.3
86.0	90.0	91.1	93.3	95.4	95.4	96.6	97.1	97.1	97.3	97.6	97.6	97.9	98.0	98.0	98.2
86.2	90.3	91.6	93.7	96.0	96.0	97.2	97.6	97.6	98.0	98.5	98.5	98.9	99.0	99.1	99.3
86.2	90.4	91.7	93.8	96.1	96.2	97.5	98.0	98.0	98.3	98.9	98.9	99.2	99.3	99.6	99.8
86.2	90.4	91.7	93.8	96.1	96.2	97.5	98.0	98.0	98.3	98.9	98.9	99.3	99.4	99.7	99.9
86.2	90.4	91.7	93.6	96.1	96.2	97.5	98.0	98.0	98.3	98.9	98.9	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 890

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

71200 COLD LAKE APT CN

73-82

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

47.6	48.9	49.1	49.2	49.4	49.5	49.5	49.8	49.8	49.8	49.9	49.9	50.2	50.2	50.2	50.2
53.8	55.2	55.3	55.4	55.6	55.7	55.7	56.1	56.1	56.1	56.2	56.2	56.4	56.4	56.4	56.4
53.9	55.3	55.4	55.5	55.7	55.8	55.8	56.2	56.2	56.2	56.3	56.3	56.5	56.5	56.5	56.5
55.6	57.0	57.2	57.3	57.5	57.6	57.6	58.0	58.0	58.0	58.1	58.1	58.3	58.3	58.3	58.3
59.0	60.4	60.6	60.7	61.0	61.1	61.1	61.4	61.4	61.4	61.5	61.5	61.7	61.7	61.7	61.7
63.7	65.3	65.5	65.6	65.9	66.0	66.1	66.4	66.4	66.4	66.5	66.5	66.7	66.7	66.7	66.7
67.1	68.6	68.9	69.1	69.3	69.4	69.5	69.9	69.9	69.9	70.0	70.0	70.2	70.2	70.2	70.2
69.7	71.3	71.5	71.9	72.2	72.3	72.4	72.7	72.7	72.7	72.9	72.9	73.1	73.1	73.1	73.1
71.2	72.7	73.1	73.7	74.1	74.2	74.3	74.6	74.6	74.6	74.7	74.7	75.0	75.0	75.0	75.0
71.7	73.3	73.6	74.3	74.6	74.7	74.9	75.2	75.2	75.2	75.3	75.3	75.5	75.5	75.5	75.5
72.5	74.1	74.4	75.1	75.4	75.5	75.6	76.0	76.0	76.0	76.1	76.1	76.3	76.3	76.3	76.3
73.1	74.6	75.0	75.6	76.1	76.2	76.3	76.6	76.6	76.6	76.6	76.8	76.8	77.0	77.0	77.0
74.4	76.0	76.3	77.0	77.4	77.5	77.6	78.0	78.0	78.0	78.0	78.1	78.1	78.3	78.3	78.3
75.3	76.9	77.2	78.0	78.4	78.5	78.6	79.0	79.0	79.0	79.1	79.1	79.3	79.3	79.3	79.3
77.5	79.1	79.5	80.3	80.9	81.0	81.1	81.4	81.4	81.4	81.5	81.5	81.8	81.8	81.8	81.8
80.0	81.5	82.0	82.8	83.4	83.5	83.6	84.0	84.0	84.0	84.1	84.1	84.3	84.3	84.3	84.3
83.0	84.5	85.0	85.8	86.5	86.7	86.8	87.1	87.1	87.1	87.2	87.2	87.4	87.4	87.4	87.4
83.5	85.1	85.5	86.3	87.1	87.2	87.3	87.7	87.7	87.7	87.8	87.8	88.0	88.0	88.0	88.0
85.3	87.1	87.5	88.4	89.2	89.3	89.4	89.9	89.9	89.9	90.0	90.0	90.2	90.2	90.2	90.2
87.0	89.1	89.5	90.4	91.3	91.4	91.7	92.1	92.1	92.1	92.2	92.2	92.4	92.4	92.4	92.4
88.3	90.7	91.1	92.0	93.0	93.1	93.3	93.8	93.8	93.8	93.9	93.9	94.1	94.1	94.1	94.1
89.0	91.5	92.1	93.0	94.0	94.1	94.3	94.8	94.8	94.8	94.9	94.9	95.1	95.1	95.1	95.1
90.1	93.1	93.8	94.8	95.9	96.0	96.2	96.7	96.7	96.7	96.8	96.8	97.0	97.0	97.0	97.0
90.3	93.5	94.2	95.2	96.3	96.4	96.7	97.1	97.1	97.1	97.2	97.2	97.4	97.4	97.4	97.4
90.8	94.1	94.9	95.9	97.1	97.2	97.4	97.9	97.9	97.9	98.0	98.0	98.2	98.2	98.2	98.2
91.2	94.9	95.8	96.8	98.0	98.1	98.3	98.8	98.8	98.8	98.9	98.9	99.1	99.1	99.1	99.1
91.3	95.1	96.1	97.3	98.6	98.7	99.1	99.6	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9
91.3	95.1	96.1	97.4	98.7	98.8	99.2	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
91.3	95.1	96.1	97.4	98.7	98.8	99.2	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
91.3	95.1	96.1	97.4	98.7	98.8	99.2	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7:12.0 COLD LAKE APT CN

73-82

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

41.2	42.2	42.7	43.0	43.2	43.2	43.2	43.3	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5
50.5	51.6	52.1	52.4	52.5	52.5	52.5	52.6	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9
53.7	51.8	52.3	52.6	52.7	52.7	52.7	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1
51.6	52.7	53.5	53.9	54.0	54.0	54.0	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3
54.3	55.5	56.3	56.6	56.7	56.7	56.7	56.8	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1
60.6	61.9	62.7	63.0	63.1	63.1	63.1	63.2	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5
63.4	64.6	65.4	65.8	65.9	65.9	65.9	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2
65.5	66.9	67.7	68.0	68.3	68.3	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6
67.0	68.5	69.3	69.6	69.9	69.9	69.9	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2
67.4	68.8	69.6	70.0	70.2	70.2	70.2	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5
69.5	71.1	71.9	72.3	72.5	72.5	72.5	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8
72.4	74.0	74.8	75.2	75.5	75.5	75.5	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
76.6	78.2	79.0	79.5	79.7	79.7	79.7	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0
78.1	79.8	80.6	81.1	81.3	81.3	81.3	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6
82.8	84.7	85.5	86.1	86.4	86.4	86.4	86.5	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8
86.0	87.9	88.7	89.3	89.6	89.6	89.6	89.7	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0
88.6	90.6	91.7	92.2	92.7	92.7	92.7	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
88.8	91.0	92.0	92.6	93.2	93.2	93.2	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
90.5	92.9	93.9	94.7	95.3	95.3	95.3	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7
91.7	94.1	95.1	95.9	96.5	96.5	96.5	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
91.8	94.4	95.5	96.5	97.3	97.3	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
92.1	94.9	96.0	96.9	97.8	97.8	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
93.0	95.8	96.9	97.8	98.7	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
93.3	96.2	97.4	98.4	99.3	99.3	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
93.3	96.2	97.4	98.4	99.3	99.3	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
93.3	96.2	97.4	98.4	99.3	99.3	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
93.3	96.2	97.4	98.4	99.4	99.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
93.3	96.2	97.4	98.4	99.4	99.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
93.3	96.2	97.4	98.4	99.4	99.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
93.3	96.2	97.4	98.4	99.4	99.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 876

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.12.00 COLD LAKE APT CN

73-82

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS:

1500-1700

VISIBILITY IN STATUTE MILES

1500	45.2	45.7	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
1510	55.1	55.5	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
1520	55.4	55.9	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
1530	55.5	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
1540	56.0	56.4	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
1550	59.6	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
1600	56.0	66.5	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
1610	68.9	69.4	69.8	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
1620	73.0	73.6	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
1630	75.1	75.7	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
1640	76.0	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
1650	79.1	79.7	80.1	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
1700	81.1	81.7	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
1710	84.4	85.3	85.7	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
1720	86.0	87.1	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
1730	89.4	90.9	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
1740	90.9	92.5	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
1750	93.1	94.8	95.4	95.7	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	93.4	95.2	95.7	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
1810	94.4	96.3	96.9	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
1820	94.7	96.6	97.2	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
1830	94.7	96.6	97.2	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
1840	95.0	96.9	97.4	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1850	95.3	97.2	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1900	95.5	97.4	98.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
1910	95.5	97.4	98.2	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1920	95.5	97.4	98.2	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1930	95.5	97.4	98.2	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1940	95.5	97.4	98.2	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1950	95.5	97.4	98.2	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
2000	95.5	97.4	98.2	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 893

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

711255 COLD LAKE APT CN

73-82

4UG

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1873-2000

CEILING (FEET)	20	25	30	34	39	43	47	51	55	59	63	67	71	75	79	83	87	91	95	100
1000	55.3	55.8	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
900	63.0	63.7	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
800	63.0	63.7	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
700	64.0	64.6	65.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
600	67.0	67.7	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
500	73.6	74.3	74.7	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5
400	76.2	77.1	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
300	81.0	82.0	82.6	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
200	83.4	84.4	85.0	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9
100	84.6	85.6	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1
50	86.3	87.5	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
25	87.4	88.7	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2
10	89.0	90.4	91.0	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0
5	90.3	91.8	92.3	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
2	91.6	93.1	93.7	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
1	92.2	93.8	94.4	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
0.5	92.7	94.3	94.9	95.5	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
0.25	93.1	94.7	95.3	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
0.1	93.8	95.4	96.0	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
0.05	94.3	95.9	96.6	97.4	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
0.025	94.4	96.0	96.7	97.5	97.9	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
0.01	94.4	96.1	96.8	97.6	98.3	98.3	98.4	98.4	98.4	98.4	98.5	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
0.005	94.6	96.7	97.4	98.2	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0.0025	94.7	96.8	97.5	98.3	99.1	99.1	99.2	99.2	99.2	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0.001	94.7	96.8	97.5	98.3	99.1	99.1	99.2	99.2	99.2	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0.0005	94.7	96.8	97.5	98.3	99.1	99.1	99.2	99.2	99.2	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0.00025	94.7	96.8	97.5	98.3	99.1	99.1	99.2	99.2	99.2	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0.0001	94.7	96.8	97.5	98.3	99.1	99.1	99.2	99.2	99.2	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 874

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

711200 COLD LAKE APT CN

73-82

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

		VISIBILITY - STATUTE MILES															
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1-000	FMN	64.6	65.7	66.7	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
1-000	LMT	69.1	70.3	70.7	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
1-000	PKL	69.1	70.3	70.7	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
1-000	SKN	69.2	70.4	70.8	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
1-000	4AY	69.3	70.6	70.9	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
1-000	7-100	71.2	72.4	72.8	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
1-000	8-1000	76.3	77.6	77.9	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
1-000	2-000	78.7	80.0	80.3	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
1-000	4-000	82.9	84.2	84.6	85.0	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
1-000	6-000	85.1	86.4	86.8	87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9
1-000	8-000	86.2	87.9	88.3	88.8	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
1-000	10-000	88.0	89.7	90.1	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
1-000	12-000	88.7	90.3	90.8	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
1-000	14-000	89.2	91.0	91.4	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
1-000	16-000	89.9	91.7	92.1	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
1-000	18-000	91.1	92.9	93.3	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6
1-000	20-000	91.4	93.2	93.7	94.1	94.8	94.8	94.8	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
1-000	22-000	92.0	93.8	94.2	94.7	95.3	95.3	95.3	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
1-000	24-000	92.2	94.0	94.4	94.9	95.6	95.6	95.6	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
1-000	26-000	92.8	94.6	95.0	95.4	96.1	96.1	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
1-000	28-000	93.1	95.1	95.7	96.1	96.9	96.9	96.9	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
1-000	30-000	93.2	95.3	96.1	96.6	97.4	97.4	97.6	97.6	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2
1-000	32-000	93.2	95.3	96.1	96.6	97.4	97.4	97.6	97.6	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2
1-000	34-000	93.2	95.4	96.2	96.7	97.6	97.6	97.7	97.7	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3
1-000	36-000	93.2	95.7	96.4	97.0	97.9	97.9	98.0	98.0	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7
1-000	38-000	93.6	96.3	97.1	97.7	98.6	98.6	98.7	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1-000	40-000	93.8	96.6	97.3	97.9	98.8	98.8	99.0	99.0	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9
1-000	42-000	93.9	96.7	97.4	98.0	98.9	98.9	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1-000	44-000	93.9	96.7	97.4	98.0	98.9	98.9	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1-000	46-000	93.9	96.7	97.4	98.0	98.9	98.9	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1-000	48-000	93.9	96.7	97.4	98.0	98.9	98.9	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1-000	50-000	93.9	96.7	97.4	98.0	98.9	98.9	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

711200 COLD LAKE APT CN

73-82

AMS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

51.8	52.9	53.2	53.5	53.8	53.8	53.9	53.9	53.9	54.0	54.1	54.1	54.2	54.2	54.2	54.3
57.8	58.9	59.2	59.5	59.8	59.9	60.0	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.3	60.4
57.8	58.9	59.2	59.6	59.9	59.9	60.0	60.1	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.5
57.9	59.0	59.3	59.6	59.9	60.0	60.0	60.1	60.1	60.2	60.3	60.3	60.4	60.4	60.4	60.5
58.6	59.7	60.1	60.4	60.8	60.8	60.9	60.9	61.0	61.0	61.1	61.1	61.2	61.2	61.2	61.4
61.7	62.8	63.2	63.5	63.9	63.9	64.0	64.0	64.1	64.1	64.2	64.2	64.3	64.3	64.4	64.5
67.9	69.2	69.6	70.0	70.3	70.4	70.5	70.5	70.5	70.6	70.7	70.8	70.9	70.9	70.9	71.1
70.9	72.3	72.7	73.1	73.5	73.5	73.6	73.7	73.7	73.8	73.9	73.9	74.0	74.0	74.1	74.2
74.5	75.9	76.4	76.8	77.2	77.3	77.4	77.5	77.5	77.6	77.7	77.7	77.8	77.8	77.9	78.0
76.6	78.1	78.6	79.1	79.5	79.6	79.7	79.8	79.8	79.9	80.0	80.0	80.1	80.1	80.2	80.3
77.5	79.1	79.6	80.1	80.6	80.6	80.8	80.8	80.8	80.9	81.0	81.1	81.2	81.2	81.3	81.4
79.1	80.8	81.3	81.8	82.3	82.4	82.5	82.5	82.6	82.6	82.8	82.8	82.9	82.9	83.0	83.1
80.2	81.9	82.4	83.0	83.5	83.5	83.6	83.7	83.7	83.8	84.0	84.0	84.1	84.1	84.2	84.3
82.2	84.0	84.5	85.1	85.7	85.7	85.8	85.9	85.9	86.0	86.2	86.2	86.3	86.3	86.4	86.5
83.1	84.9	85.5	86.1	86.7	86.7	86.8	86.9	87.0	87.0	87.2	87.2	87.3	87.3	87.4	87.5
85.0	87.0	87.5	88.1	88.8	88.8	89.0	89.1	89.1	89.2	89.3	89.3	89.5	89.5	89.5	89.6
86.2	88.2	88.8	89.4	90.1	90.1	90.3	90.4	90.4	90.5	90.6	90.6	90.8	90.8	90.9	91.0
87.9	90.0	90.6	91.3	92.0	92.1	92.2	92.4	92.4	92.5	92.6	92.6	92.8	92.8	92.9	93.0
88.2	90.3	90.9	91.6	92.4	92.4	92.6	92.7	92.7	92.8	93.0	93.0	93.1	93.1	93.2	93.3
89.2	91.4	92.0	92.8	93.6	93.7	93.9	94.0	94.0	94.1	94.3	94.3	94.4	94.4	94.5	94.6
90.0	92.3	92.9	93.8	94.6	94.7	94.9	95.1	95.1	95.2	95.3	95.4	95.5	95.5	95.6	95.7
90.4	92.8	93.5	94.4	95.3	95.4	95.7	95.8	95.9	96.1	96.2	96.2	96.3	96.3	96.4	96.6
90.7	93.2	93.9	94.8	95.8	95.8	96.1	96.3	96.3	96.5	96.6	96.6	96.8	96.8	96.9	97.0
91.2	93.9	94.6	95.5	96.5	96.5	96.9	97.1	97.1	97.3	97.4	97.5	97.6	97.6	97.7	97.8
91.3	94.2	95.0	95.9	96.9	97.0	97.3	97.5	97.6	97.8	97.9	98.0	98.1	98.1	98.2	98.3
91.5	94.5	95.3	96.3	97.3	97.4	97.8	98.0	98.0	98.2	98.4	98.4	98.5	98.5	98.6	98.8
91.7	94.7	95.5	96.5	97.6	97.7	98.1	98.3	98.3	98.6	98.7	98.7	98.9	98.9	99.0	99.1
91.8	94.8	95.6	96.7	97.8	97.9	98.3	98.5	98.6	98.8	99.0	99.0	99.1	99.1	99.2	99.4
91.8	94.9	95.7	96.8	98.0	98.0	98.4	98.7	98.7	99.0	99.2	99.2	99.4	99.4	99.5	99.6
91.8	95.0	95.8	96.9	98.1	98.1	98.6	98.8	98.9	99.2	99.4	99.4	99.6	99.6	99.7	99.9
91.8	95.0	95.8	96.9	98.1	98.2	98.6	98.9	98.9	99.2	99.4	99.4	99.6	99.6	99.8	100.0
91.8	95.0	95.8	96.9	98.1	98.2	98.6	98.9	98.9	99.2	99.4	99.4	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7129

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7:12:00 COLD LAKE APT CN

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
52.8	53.2	53.9	53.9	54.5	54.5	54.6	54.6	54.6	54.8	55.2	55.2	55.3	55.3	55.5	55.5												
56.0	56.4	57.1	57.1	57.7	57.7	57.8	57.9	57.9	58.2	58.6	58.6	58.7	58.7	58.9	58.9												
56.0	56.4	57.1	57.1	57.7	57.7	57.8	57.9	57.9	58.2	58.6	58.6	58.7	58.7	58.9	58.9												
56.1	56.5	57.2	57.2	57.8	57.8	57.9	58.0	58.0	58.3	58.7	58.7	58.8	58.8	59.0	59.0												
61.7	62.3	63.0	63.0	63.6	63.6	63.7	63.8	63.8	64.1	64.5	64.5	64.6	64.6	64.8	64.8												
69.0	69.7	70.4	70.4	70.9	70.9	71.1	71.2	71.2	71.5	71.9	71.9	72.0	72.0	72.2	72.2												
70.8	71.5	72.2	72.2	72.8	72.8	72.9	73.0	73.0	73.3	73.7	73.7	73.8	73.8	74.0	74.0												
72.3	73.0	73.7	73.7	74.2	74.2	74.3	74.5	74.5	74.8	75.1	75.1	75.3	75.3	75.5	75.5												
74.0	74.7	75.4	75.4	75.9	75.9	76.0	76.2	76.2	76.5	76.8	76.8	77.0	77.0	77.2	77.2												
74.5	75.1	75.8	75.8	76.4	76.4	76.5	76.6	76.6	77.0	77.3	77.3	77.4	77.4	77.6	77.6												
76.2	76.8	77.5	77.5	78.1	78.1	78.2	78.3	78.3	78.7	79.0	79.0	79.1	79.1	79.3	79.3												
76.4	77.1	77.8	77.8	78.3	78.3	78.4	78.5	78.5	78.9	79.2	79.2	79.3	79.3	79.6	79.6												
77.6	78.4	79.2	79.2	79.8	79.8	79.9	80.0	80.0	80.4	80.7	80.7	80.8	80.8	81.0	81.0												
78.5	79.3	80.1	80.1	80.7	80.7	80.8	80.9	80.9	81.3	81.6	81.6	81.7	81.7	82.0	82.0												
81.2	82.2	83.0	83.0	83.5	83.5	83.7	83.8	83.8	84.1	84.4	84.4	84.6	84.6	84.8	84.8												
82.7	83.8	84.6	84.6	85.1	85.1	85.2	85.4	85.4	85.7	86.0	86.0	86.2	86.2	86.4	86.4												
84.7	86.2	86.9	87.1	87.6	87.6	87.7	87.9	87.9	88.2	88.5	88.5	88.6	88.6	88.9	88.9												
84.9	86.5	87.3	87.4	88.0	88.0	88.1	88.2	88.2	88.5	88.9	88.9	89.0	89.0	89.2	89.2												
85.9	87.6	88.4	88.5	89.1	89.1	89.2	89.3	89.3	89.7	90.0	90.0	90.1	90.1	90.4	90.4												
88.0	89.7	90.6	91.0	91.6	91.6	91.7	91.8	91.8	92.2	92.5	92.5	92.6	92.6	92.8	92.8												
88.9	90.9	91.8	92.5	93.1	93.1	93.2	93.3	93.3	93.8	94.1	94.1	94.2	94.2	94.4	94.4												
89.2	91.4	92.6	93.3	93.9	93.9	94.0	94.1	94.1	94.7	95.0	95.0	95.1	95.1	95.3	95.3												
89.6	91.7	93.0	93.8	94.3	94.3	94.4	94.6	94.6	95.1	95.5	95.5	95.6	95.6	95.8	95.8												
89.7	91.9	93.2	94.3	94.9	94.9	95.0	95.1	95.1	95.8	96.1	96.1	96.3	96.3	96.5	96.5												
90.4	92.6	93.9	95.0	95.7	95.7	95.8	95.9	95.9	96.6	96.9	97.0	97.2	97.2	97.4	97.4												
90.6	92.8	94.1	95.2	96.0	96.0	96.1	96.3	96.3	96.9	97.3	97.4	97.5	97.5	97.7	97.7												
90.7	93.2	94.4	95.6	96.5	96.5	96.6	96.7	96.7	97.4	97.7	97.8	98.0	98.0	98.2	98.2												
90.7	93.8	95.2	96.4	97.4	97.4	97.5	97.6	97.6	98.3	98.6	98.8	99.0	99.0	99.4	99.4												
90.7	93.8	95.2	96.4	97.5	97.6	97.7	97.8	97.8	98.6	99.0	99.1	99.3	99.3	99.8	99.8												
90.7	93.8	95.2	96.4	97.5	97.6	97.7	97.8	97.8	98.6	99.0	99.1	99.4	99.4	99.9	99.9												
90.7	93.8	95.2	96.4	97.5	97.6	97.7	97.8	97.8	98.6	99.0	99.1	99.4	99.4	100.0	100.0												

TOTAL NUMBER OF OBSERVATIONS 881

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.12.0 COLD LAKE APT CN

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-2500

50.8	51.0	51.4	51.5	51.9	52.2	52.3	52.4	52.4	53.1	53.1	53.1	53.3	53.3	53.9	54.0
54.0	54.2	54.5	54.8	55.2	55.4	55.6	55.7	55.7	56.3	56.3	56.3	56.7	56.7	57.3	57.4
54.2	54.4	54.8	55.0	55.4	55.7	55.8	55.9	55.9	56.6	56.6	56.6	56.9	56.9	57.5	57.6
55.0	55.2	55.6	55.8	56.2	56.5	56.6	56.7	56.7	57.4	57.4	57.4	57.7	57.7	58.3	58.4
59.1	59.3	59.8	60.0	60.4	60.7	61.8	60.9	60.9	61.6	61.6	61.6	61.9	61.9	62.5	62.6
65.6	65.9	66.3	66.7	67.1	67.3	67.5	67.6	67.6	68.5	68.7	68.7	69.0	69.0	69.6	69.7
68.1	68.5	69.0	69.5	70.0	70.2	70.3	70.5	70.5	71.4	71.7	71.7	72.0	72.0	72.6	72.7
70.6	71.1	71.7	72.1	72.6	72.8	72.9	73.1	73.1	74.0	74.3	74.3	74.6	74.6	75.2	75.3
72.0	72.4	73.0	73.5	73.9	74.1	74.3	74.5	74.5	75.4	75.6	75.6	76.0	76.0	76.5	76.6
72.1	72.6	73.1	73.6	74.0	74.3	74.4	74.6	74.6	75.5	75.7	75.7	76.1	76.1	76.6	76.8
72.6	73.0	73.6	74.0	74.5	74.7	74.8	75.1	75.1	76.0	76.2	76.2	76.5	76.5	77.1	77.2
72.9	73.6	74.1	74.7	75.2	75.4	75.5	75.7	75.7	76.6	76.9	76.9	77.2	77.2	77.8	77.9
74.6	75.3	75.9	76.4	76.9	77.1	77.2	77.4	77.4	78.3	78.6	78.6	78.9	78.9	79.5	79.6
75.3	76.0	76.5	77.1	77.6	77.8	77.9	78.1	78.1	79.0	79.3	79.3	79.6	79.6	80.2	80.3
77.1	77.8	78.3	78.9	79.4	79.6	79.7	79.9	79.9	80.8	81.1	81.1	81.4	81.4	82.0	82.1
78.5	79.1	79.7	80.3	80.8	81.1	81.2	81.4	81.4	82.3	82.5	82.5	82.9	82.9	83.4	83.6
80.2	81.1	81.7	82.4	83.0	83.2	83.3	83.6	83.6	84.5	84.7	84.7	85.0	85.0	85.6	85.7
80.8	81.7	82.4	83.1	83.7	83.9	84.0	84.2	84.2	85.1	85.4	85.4	85.7	85.7	86.3	86.4
84.2	85.5	86.2	87.1	87.6	87.9	88.0	88.2	88.2	89.1	89.3	89.3	89.7	89.7	90.2	90.4
85.6	87.1	87.9	88.9	89.5	89.7	89.8	90.0	90.0	90.9	91.2	91.2	91.5	91.5	92.1	92.2
86.6	88.2	89.5	90.5	91.0	91.3	91.4	91.6	91.6	92.5	92.7	92.7	93.1	93.1	93.7	93.8
97.2	88.8	90.0	91.0	91.6	91.8	92.0	92.2	92.2	93.1	93.3	93.3	93.7	93.7	94.2	94.3
87.3	88.9	90.1	91.2	91.8	92.1	92.2	92.4	92.4	93.3	93.5	93.5	93.9	93.9	94.4	94.6
88.0	89.7	90.9	92.0	92.6	92.9	93.1	93.3	93.3	94.2	94.6	94.6	94.9	94.9	95.5	95.6
88.4	90.4	91.7	92.9	93.5	93.8	94.0	94.2	94.2	95.1	95.5	95.5	95.8	95.8	96.4	96.6
88.7	91.0	92.4	93.5	94.2	94.4	94.7	94.9	94.9	95.8	96.1	96.1	96.5	96.5	97.1	97.3
88.9	91.4	92.7	94.1	94.8	95.0	95.2	95.5	95.5	96.4	96.7	96.7	97.2	97.2	97.7	98.0
88.9	91.5	92.9	94.2	94.9	95.1	95.4	95.6	95.6	96.5	96.8	96.8	97.3	97.3	97.8	98.1
89.1	92.0	93.3	94.9	95.7	95.9	96.3	96.5	96.5	97.4	98.0	98.0	98.5	98.5	99.1	99.3
89.1	92.0	93.3	94.9	95.7	95.9	96.3	96.5	96.5	97.7	98.2	98.3	98.9	98.9	99.4	100.0
89.1	92.0	93.3	94.9	95.7	95.9	96.3	96.5	96.5	97.7	98.2	98.3	98.9	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 882

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 12 0 COLD LAKE APT CV

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

600-7000

45.0	46.3	46.9	47.4	47.7	47.7	48.0	48.2	48.2	48.8	49.1	49.1	49.3	49.4	49.8	50.0
49.2	50.5	51.1	51.5	51.9	51.9	52.1	52.4	52.4	53.0	53.2	53.2	53.4	53.7	54.1	54.5
49.3	50.6	51.2	51.7	52.0	52.0	52.3	52.5	52.5	53.1	53.3	53.3	53.6	53.8	54.3	54.6
49.5	50.8	51.4	51.9	52.3	52.3	52.5	52.7	52.7	53.3	53.6	53.6	53.8	54.0	54.5	54.9
51.1	52.4	53.0	53.4	53.8	53.8	54.0	54.3	54.3	54.9	55.1	55.1	55.3	55.6	56.0	56.4
55.3	56.6	57.2	57.7	58.2	58.2	58.4	58.6	58.6	59.4	59.6	59.6	59.8	60.1	60.5	60.9
51.1	52.7	53.3	54.1	54.6	54.6	54.8	55.0	55.0	55.8	56.1	56.4	56.7	56.9	57.4	57.8
63.5	65.2	66.1	66.9	67.4	67.4	67.7	67.9	67.9	68.6	69.0	69.2	69.5	69.8	70.3	70.6
66.4	68.1	69.1	69.9	70.4	70.4	70.6	70.9	70.9	71.5	71.9	72.2	72.5	72.7	73.2	73.6
67.5	69.3	70.3	71.1	71.6	71.6	71.8	72.0	72.0	72.7	73.1	73.3	73.7	73.9	74.4	74.8
67.9	69.7	70.6	71.4	71.9	71.9	72.2	72.4	72.4	73.1	73.5	73.7	74.1	74.3	74.8	75.1
68.8	70.6	71.5	72.4	72.9	72.9	73.1	73.3	73.3	74.1	74.4	74.6	75.0	75.2	75.7	76.1
69.9	71.7	72.7	73.6	74.1	74.1	74.3	74.5	74.5	75.2	75.6	75.8	76.2	76.4	76.9	77.3
70.9	72.6	73.7	74.5	75.1	75.1	75.4	75.6	75.6	76.3	76.7	76.9	77.3	77.5	78.0	78.3
71.8	73.6	74.6	75.5	76.1	76.1	76.3	76.5	76.5	77.3	77.6	77.8	78.2	78.4	78.9	79.3
73.0	74.8	75.8	76.7	77.4	77.4	77.6	77.8	77.8	78.6	78.9	79.1	79.5	79.7	80.2	80.6
73.9	75.9	77.0	77.8	78.6	78.6	78.8	79.0	79.0	79.7	80.1	80.3	80.7	80.9	81.4	81.8
75.9	78.0	79.3	80.2	80.9	80.9	81.2	81.4	81.4	82.1	82.5	82.7	83.1	83.3	83.8	84.1
76.4	78.4	79.6	80.8	81.5	81.5	81.8	82.0	82.0	82.7	83.1	83.3	83.6	83.9	84.4	84.7
78.6	80.6	81.9	83.1	83.9	84.0	84.2	84.5	84.5	85.2	85.5	85.8	86.1	86.4	86.8	87.2
80.0	82.0	83.4	84.7	85.5	85.7	85.9	86.1	86.1	86.8	87.2	87.4	87.8	88.0	88.5	88.9
81.5	83.6	85.1	86.5	87.3	87.4	87.7	87.9	87.9	88.6	89.0	89.2	89.6	89.8	90.3	90.6
82.0	84.2	85.7	87.1	87.9	88.0	88.3	88.5	88.5	89.2	89.6	89.8	90.2	90.4	90.9	91.2
82.6	85.0	86.4	87.8	88.6	88.7	89.1	89.3	89.3	90.0	90.4	90.6	91.0	91.2	91.7	92.1
83.4	85.9	87.3	89.0	90.0	90.2	90.6	90.9	90.9	91.7	92.2	92.4	92.8	93.0	93.5	93.8
83.9	86.8	88.4	90.3	91.4	91.6	92.1	92.5	92.5	93.5	94.0	94.2	94.5	94.8	95.3	95.6
84.8	88.0	89.6	91.5	92.7	92.9	93.4	93.8	93.8	94.8	95.3	95.5	95.9	96.1	96.6	96.9
85.0	88.3	89.8	91.8	93.0	93.2	93.8	94.3	94.3	95.3	95.7	96.0	96.3	96.6	97.0	97.4
85.4	88.9	90.5	92.8	94.1	94.3	95.0	95.5	95.5	96.4	97.0	97.3	97.6	97.9	98.3	98.7
85.7	89.1	90.8	93.0	94.3	94.7	95.4	95.9	95.9	96.9	97.5	97.7	98.3	98.6	99.2	99.5
85.7	89.1	90.8	93.0	94.3	94.7	95.4	95.9	95.9	97.2	97.7	98.0	98.7	98.9	99.6	100.0
85.7	89.1	90.8	93.0	94.3	94.7	95.4	95.9	95.9	97.2	97.7	98.0	98.7	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 844

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

731200 COLD LAKE APT CN

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

CEILING (FEET)	20	26	31	34	40	47	53	60	66	70	76	80	86	90	96	100
46.0	46.6	47.0	47.0	47.0	47.0	47.0	47.0	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.4	47.6
52.6	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.8	53.8	53.9	53.9	53.9	53.9	53.9	54.0	54.2
52.7	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.2	54.3
52.7	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.2	54.3
53.5	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.9	55.1
57.7	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.6	58.7
61.4	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.8	62.8	62.9	62.9	62.9	62.9	62.9	63.0	63.1
63.3	64.1	64.4	64.7	64.7	64.7	64.7	64.7	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.2	65.3
64.7	65.5	65.9	66.2	66.2	66.2	66.2	66.2	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.6	66.7
67.1	67.9	68.3	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.9	68.9	68.9	68.9	68.9	69.1	69.2
67.7	68.5	68.8	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.7
68.3	69.1	69.4	69.7	69.7	69.7	69.7	69.7	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.2	70.3
68.8	69.6	70.1	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.9	70.9	70.9	70.9	70.9	71.0	71.1
69.9	70.6	71.1	71.6	71.6	71.6	71.6	71.6	71.8	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.1
70.3	71.1	71.6	72.0	72.1	72.1	72.1	72.1	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.6	72.7
71.8	72.7	73.2	73.6	73.7	73.7	73.7	73.7	73.9	73.9	74.1	74.1	74.1	74.2	74.2	74.3	74.4
73.4	74.5	75.0	75.5	75.7	75.7	75.7	75.7	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.2	76.3
76.5	77.7	78.4	79.2	79.3	79.3	79.3	79.3	79.5	79.5	79.6	79.6	79.6	79.7	79.7	79.9	80.0
77.8	79.1	79.9	80.7	80.8	80.8	80.8	80.8	81.0	81.0	81.1	81.1	81.1	81.3	81.3	81.5	81.6
81.0	82.3	83.0	83.8	84.0	84.0	84.0	84.0	84.2	84.2	84.3	84.3	84.3	84.5	84.5	84.6	84.8
83.5	84.9	85.7	86.5	86.6	86.6	86.6	86.6	86.8	86.8	86.9	86.9	86.9	87.1	87.1	87.3	87.4
85.0	86.5	87.4	88.2	88.3	88.3	88.3	88.4	88.6	88.6	88.7	88.7	88.7	89.0	89.0	89.1	89.2
85.9	87.4	88.3	89.2	89.3	89.4	89.4	89.5	89.8	89.8	89.9	89.9	89.9	90.1	90.1	90.2	90.3
87.1	88.9	89.9	91.0	91.4	91.5	91.7	91.7	91.9	91.9	92.2	92.2	92.2	92.4	92.4	92.5	92.6
87.9	89.8	91.1	92.3	92.8	93.1	93.3	93.3	93.5	93.5	93.7	93.9	93.9	94.1	94.1	94.2	94.3
89.2	91.1	92.9	94.3	95.0	95.4	95.8	96.0	96.0	96.2	96.4	96.4	96.4	96.6	96.6	96.7	96.8
89.5	91.7	93.5	94.9	95.9	96.4	97.0	97.3	97.3	97.5	97.6	97.6	97.6	97.8	97.8	98.0	98.1
89.8	92.2	94.0	95.3	96.5	96.9	97.6	98.0	98.0	98.3	98.5	98.5	98.5	98.7	98.7	98.9	99.0
89.9	92.3	94.3	95.7	96.9	97.4	98.1	98.4	98.4	98.9	99.1	99.1	99.1	99.3	99.3	99.4	99.5
89.9	92.3	94.3	95.7	97.0	97.5	98.2	98.6	98.6	99.1	99.3	99.3	99.3	99.7	99.7	99.8	99.9
89.9	92.3	94.3	95.7	97.0	97.5	98.2	98.6	98.6	99.2	99.4	99.4	99.4	99.8	99.8	99.9	100.0
89.9	92.3	94.3	95.7	97.0	97.5	98.2	98.6	98.6	99.2	99.4	99.4	99.4	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 879

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12.0 COLD LAKE APT CN

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

45.2	45.5	45.5	45.5	45.5	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
51.9	52.3	52.3	52.3	52.3	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
52.0	52.4	52.4	52.4	52.4	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
52.3	52.6	52.6	52.6	52.6	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
52.8	53.2	53.2	53.2	53.2	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
55.3	55.6	55.6	55.6	55.6	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
60.3	60.8	60.8	60.8	60.8	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
62.1	62.5	62.5	62.5	62.5	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
63.5	63.9	63.9	63.9	63.9	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
65.0	65.4	65.4	65.4	65.4	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
65.5	66.0	66.0	66.0	66.0	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
66.8	67.3	67.3	67.3	67.3	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
68.6	69.0	69.0	69.0	69.0	69.2	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
71.1	71.6	71.6	71.6	71.6	71.8	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
72.5	72.9	72.9	72.9	72.9	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
76.8	77.3	77.3	77.3	77.3	77.6	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
80.7	81.3	81.3	81.3	81.3	81.5	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
85.1	86.0	86.0	86.0	86.0	86.2	86.2	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
86.1	87.1	87.1	87.2	87.2	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
87.9	88.9	88.9	89.0	89.0	89.2	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
89.8	91.1	91.1	91.2	91.3	91.6	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
90.8	92.6	92.7	92.8	93.1	93.3	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
91.3	93.3	93.6	93.8	94.1	94.3	94.3	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
92.0	94.6	95.0	95.1	95.5	95.8	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
92.3	95.1	95.7	96.0	96.6	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
93.1	96.1	97.0	97.6	98.3	98.6	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
93.1	96.1	97.0	97.8	98.6	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
93.1	96.1	97.0	97.8	98.6	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
93.1	96.1	97.0	97.8	98.6	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
93.1	96.1	97.0	97.8	98.6	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
93.1	96.1	97.0	97.8	98.6	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
93.1	96.1	97.0	97.8	98.6	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
93.1	96.1	97.0	97.8	98.6	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 865

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7:12:00 COLD LAKE APT CN

73-62

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

46.6	47.0	47.1	47.3	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
55.2	55.5	55.7	55.9	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
55.4	55.7	55.8	56.0	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
55.4	55.7	55.8	56.0	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
56.6	57.0	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
59.0	59.4	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
65.0	65.4	65.6	65.8	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
67.5	67.9	68.1	68.4	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
68.7	69.0	69.4	69.6	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
69.9	70.3	70.7	70.9	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
70.2	70.7	71.0	71.2	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
72.2	72.6	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
73.8	74.2	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
75.4	75.9	76.3	76.6	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
77.8	78.4	78.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
82.5	83.2	83.7	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
84.7	85.4	85.8	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
88.7	89.0	89.4	89.6	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
88.5	89.4	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
89.9	90.9	91.4	91.7	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
91.0	92.3	92.9	93.2	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
92.5	93.9	94.6	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6
92.3	94.1	95.1	95.5	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2
92.9	94.4	95.4	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8
92.9	94.4	95.6	96.3	97.1	97.1	97.2	97.2	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
93.0	94.9	96.2	97.0	98.6	98.8	99.0	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
93.0	94.9	96.2	97.0	98.8	99.1	99.2	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
93.0	95.2	96.4	97.2	99.3	99.4	99.5	99.5	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
93.0	95.2	96.4	97.2	99.3	99.5	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
93.0	95.2	96.4	97.2	99.3	99.5	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
93.0	95.2	96.4	97.2	99.3	99.5	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 869

FEDERAL CLIMATOLOGY BRANCH
WAFB TAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1210 COLD LAKE APT ON

73-67

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

15.0-100.0

52.0	52.5	52.8	53.1	53.3	53.5	53.3	53.3	53.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
59.1	59.1	59.3	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
67.1	67.1	67.3	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
69.1	69.1	69.3	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
69.0	69.0	69.2	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
63.1	63.1	63.4	63.6	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
64.1	66.1	68.3	68.6	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
71.1	71.1	71.3	71.6	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
73.4	73.5	73.8	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
75.4	75.5	75.7	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
76.5	76.6	76.9	77.2	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
77.3	77.5	77.7	78.0	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
78.6	78.8	79.1	79.4	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
80.3	80.5	80.8	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
81.8	82.1	82.3	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
84.6	85.3	85.7	86.0	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
86.7	86.8	87.3	87.6	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
88.9	90.1	90.5	90.9	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
88.9	90.4	90.7	91.2	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
89.7	91.3	91.8	92.3	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
91.2	93.2	93.6	94.1	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
92.0	94.1	94.8	95.4	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
92.1	94.2	94.9	95.7	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
92.4	94.5	95.7	96.6	97.1	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
92.6	94.8	95.7	97.2	97.7	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
92.7	94.9	95.8	97.6	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
92.8	95.0	96.1	97.8	98.8	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
92.8	95.0	96.1	97.8	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
92.8	95.0	96.1	97.8	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
92.8	95.0	96.1	97.8	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
92.8	95.0	96.1	97.8	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
92.8	95.0	96.1	97.8	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 865

GLOBAL CLIMATOLOGY BRANCH
UNAFETAC
AID- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7-12-00 COLD LAKE APT. ON

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

53.9	53.9	54.4	54.4	54.5	54.5	54.5	54.6	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8
57.7	58.0	58.5	58.5	58.7	58.7	58.7	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
57.9	58.0	58.5	58.5	58.7	58.7	58.7	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
58.6	58.7	59.1	59.1	59.4	59.4	59.4	59.5	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
62.1	62.3	62.8	62.8	63.0	63.0	63.0	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
69.0	69.4	69.8	69.8	70.0	70.0	70.0	70.1	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
71.2	71.5	72.0	72.0	72.3	72.3	72.3	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
72.9	73.6	74.0	74.0	74.3	74.3	74.3	74.5	74.5	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
74.0	74.7	75.1	75.1	75.5	75.5	75.5	75.6	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
74.6	75.5	75.9	75.9	76.3	76.3	76.3	76.4	76.4	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
76.0	76.7	77.2	77.2	77.5	77.5	77.5	77.6	77.6	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
77.5	78.2	78.7	78.7	79.1	79.1	79.1	79.2	79.2	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
78.8	79.5	79.9	79.9	80.4	80.4	80.4	80.5	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
79.5	80.1	80.6	80.6	81.0	81.0	81.0	81.2	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
83.8	84.9	85.5	85.5	85.9	85.9	85.9	86.0	86.0	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
85.8	87.3	87.9	87.9	88.3	88.3	88.3	88.4	88.4	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
88.0	89.8	90.4	90.5	90.9	90.9	90.9	91.0	91.0	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
88.2	90.0	90.6	90.7	91.1	91.1	91.1	91.3	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
89.3	91.5	92.1	92.2	92.7	92.7	92.7	92.8	92.8	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
90.0	92.3	93.0	93.3	93.9	93.9	93.9	94.0	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
90.8	93.6	94.3	94.7	95.2	95.2	95.2	95.3	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
90.8	93.6	94.5	95.2	95.8	95.8	95.8	95.9	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
90.9	93.9	94.8	95.5	96.0	96.0	96.0	96.1	96.3	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7
91.6	94.9	95.8	96.5	97.0	97.0	97.2	97.3	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
91.5	95.3	96.3	96.9	97.5	97.5	97.5	97.6	97.7	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4
91.8	95.8	96.7	97.4	98.0	98.0	98.1	98.2	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
91.8	95.8	96.8	97.5	98.1	98.1	98.2	98.3	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
91.8	95.9	97.2	98.0	98.5	98.5	98.5	98.8	98.8	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7
91.8	95.9	97.2	98.0	98.5	98.5	98.5	98.6	98.6	98.8	98.8	99.1	99.7	99.7	99.8	99.8	99.8
91.8	95.9	97.2	98.0	98.5	98.5	98.5	98.6	98.6	98.8	98.8	99.1	99.7	99.7	99.7	99.7	99.7
91.8	95.9	97.2	98.0	98.5	98.5	98.5	98.6	98.6	98.8	98.8	99.1	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 481

GENERAL CLIMATOLOGY BRANCH
 USAF/OTAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7.12.00 COLD LAKE APT CN

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

ALL

49.1	49.6	49.9	50.0	50.3	50.3	50.4	50.5	50.5	50.7	50.8	50.8	50.8	50.9	51.0	51.1
54.5	54.9	55.3	55.4	55.7	55.7	55.8	55.9	55.9	56.1	56.2	56.2	56.3	56.3	56.5	56.6
54.6	55.0	55.3	55.5	55.7	55.8	55.8	55.9	55.9	56.2	56.3	56.3	56.3	56.4	56.5	56.6
54.6	55.1	55.4	55.6	55.8	55.9	55.9	56.0	56.0	56.3	56.3	56.3	56.4	56.5	56.6	56.7
55.5	55.9	56.2	56.4	56.6	56.7	56.7	56.9	56.9	57.1	57.2	57.2	57.3	57.3	57.5	57.5
59.1	59.6	59.9	60.1	60.3	60.4	60.5	60.6	60.6	60.8	60.9	60.9	61.0	61.0	61.2	61.3
65.0	65.5	65.9	66.1	66.4	66.4	66.5	66.6	66.6	66.9	67.0	67.0	67.1	67.2	67.3	67.4
67.2	67.8	68.2	68.5	68.8	68.8	68.9	69.0	69.0	69.3	69.4	69.4	69.5	69.6	69.7	69.8
69.1	69.7	70.2	70.5	70.7	70.8	70.8	71.0	71.0	71.3	71.4	71.4	71.5	71.6	71.7	71.8
70.6	71.3	71.7	72.0	72.3	72.4	72.4	72.5	72.5	72.8	73.0	73.0	73.1	73.1	73.3	73.4
71.2	71.8	72.3	72.6	72.8	72.9	73.0	73.1	73.1	73.4	73.5	73.5	73.6	73.7	73.8	73.9
72.3	73.0	73.4	73.7	74.0	74.0	74.1	74.2	74.2	74.5	74.6	74.6	74.7	74.8	75.0	75.0
73.3	74.0	74.5	74.8	75.1	75.2	75.2	75.4	75.4	75.7	75.8	75.8	75.9	76.0	76.1	76.2
74.8	75.6	76.1	76.4	76.7	76.7	76.8	76.9	76.9	77.2	77.4	77.4	77.5	77.5	77.7	77.8
76.0	76.7	77.2	77.5	77.8	77.9	77.9	78.1	78.1	78.4	78.5	78.5	78.6	78.7	78.8	78.9
78.9	79.6	80.3	80.6	81.0	81.0	81.1	81.2	81.2	81.5	81.7	81.7	81.8	81.8	82.0	82.1
81.7	81.8	82.3	82.7	83.0	83.1	83.1	83.3	83.3	83.6	83.7	83.7	83.9	83.9	84.1	84.1
83.4	84.7	85.3	85.8	86.1	86.2	86.3	86.4	86.4	86.7	86.8	86.9	87.0	87.0	87.2	87.3
84.0	85.3	86.0	86.4	86.8	86.8	86.9	87.1	87.1	87.4	87.5	87.5	87.7	87.7	87.9	87.9
85.8	87.3	88.0	88.5	88.9	88.9	89.0	89.1	89.1	89.5	89.6	89.6	89.8	89.8	90.0	90.0
87.4	89.1	89.8	90.4	90.8	90.9	91.0	91.1	91.1	91.4	91.5	91.6	91.7	91.7	91.9	92.0
88.5	90.5	91.3	91.9	92.4	92.5	92.6	92.7	92.7	93.1	93.2	93.2	93.4	93.4	93.6	93.6
88.9	90.9	91.9	92.6	93.1	93.2	93.3	93.4	93.4	93.8	93.9	94.0	94.1	94.1	94.3	94.4
89.4	91.5	92.5	93.4	93.9	94.0	94.2	94.3	94.3	94.7	94.9	94.9	95.0	95.1	95.2	95.3
89.8	92.1	93.2	94.2	94.9	95.0	95.2	95.3	95.3	95.8	96.0	96.0	96.2	96.2	96.4	96.4
90.3	92.8	94.0	95.2	96.1	96.2	96.5	96.7	96.7	97.1	97.3	97.4	97.5	97.6	97.7	97.8
90.6	93.2	94.5	95.7	96.6	96.8	97.1	97.3	97.3	97.8	98.0	98.0	98.2	98.2	98.4	98.5
93.6	93.4	94.7	95.9	96.9	97.1	97.5	97.7	97.7	98.1	98.4	98.4	98.6	98.6	98.8	98.9
90.7	93.6	95.0	96.2	97.3	97.5	97.9	98.1	98.1	98.6	98.9	98.9	99.1	99.1	99.3	99.4
90.8	93.7	95.0	96.4	97.5	97.7	98.1	98.3	98.3	98.9	99.2	99.2	99.4	99.5	99.7	99.8
90.8	93.7	95.0	96.4	97.5	97.7	98.1	98.3	98.3	98.9	99.2	99.3	99.6	99.6	99.8	100.0
90.8	93.7	95.0	96.4	97.5	97.7	98.1	98.3	98.3	98.9	99.2	99.3	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5286

GLOBAL CLIMATOLOGY BRANCH
JF APLTAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

71220 COLD LAKE APT CN

73-87

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

000-0220

55.0	55.1	55.1	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.8
60.1	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	61.1
60.1	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	61.1
60.1	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	61.1
60.4	60.5	60.5	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	61.4
64.8	64.9	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.8
71.4	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	72.4
73.7	73.8	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.7
76.0	76.1	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	77.1
78.1	78.2	78.3	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	79.2
78.7	79.0	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	80.0
80.0	80.2	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	81.2
80.9	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	82.1
81.8	82.0	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	83.0
82.4	82.7	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.7
84.7	85.1	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	86.6
86.2	87.0	87.4	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	88.6
88.4	89.3	89.6	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.4	90.4	90.4	90.4	90.4	90.4	91.1
89.1	90.0	90.4	90.6	90.7	90.7	90.8	90.8	90.8	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.8
91.1	91.9	92.3	92.5	92.6	92.6	92.7	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.7
91.4	92.3	92.6	93.1	93.2	93.2	93.3	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.4
92.5	93.5	93.8	94.3	94.4	94.4	94.7	94.9	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	96.0
92.7	93.7	94.2	94.7	94.9	94.9	95.2	95.3	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	96.4
93.1	94.1	94.5	95.1	95.2	95.2	95.5	95.6	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.8
93.5	94.5	95.0	95.5	95.6	95.6	96.0	96.1	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5	97.2
94.0	95.0	95.4	96.0	96.1	96.1	96.4	96.5	96.5	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.7
94.5	95.5	96.0	96.5	96.6	96.6	97.0	97.1	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	98.2
94.5	95.7	96.2	96.9	97.0	97.0	97.3	97.4	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	98.5
94.6	96.2	96.6	97.3	97.4	97.4	97.8	97.9	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	99.0
94.7	96.3	96.8	97.5	97.8	97.8	98.1	98.2	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	99.3
94.7	96.3	96.8	97.5	98.1	98.2	98.7	98.8	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	100.0
94.7	96.3	96.8	97.5	98.1	98.2	98.7	98.8	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 894

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

1210 COLD LAKE APT CN

73-82

967

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

300-0500

52.0	52.4	52.5	52.8	52.8	52.8	52.9	52.9	52.9	53.1	53.2	53.2	53.2	53.2	53.8	53.8
55.1	55.6	55.7	55.9	55.9	55.9	56.0	56.0	56.0	56.2	56.2	56.3	56.3	56.3	56.9	56.9
55.2	55.7	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.3	56.4	56.4	56.4	56.4	57.7	57.0
55.6	56.0	56.1	56.3	56.3	56.3	56.4	56.4	56.4	56.7	56.8	56.8	56.8	56.8	57.3	57.3
56.0	56.4	56.6	56.8	56.8	56.8	56.9	56.9	56.9	57.1	57.2	57.2	57.2	57.2	57.8	57.8
60.7	61.1	61.2	61.4	61.4	61.4	61.6	61.6	61.6	61.8	61.9	61.9	61.9	61.9	62.4	62.4
67.4	67.9	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.6	68.7	68.7	68.7	68.7	69.2	69.2
69.2	69.7	69.8	70.0	70.0	70.0	70.1	70.1	70.1	70.3	70.4	70.4	70.4	70.4	71.0	71.0
72.0	72.7	72.8	73.0	73.0	73.0	73.1	73.1	73.1	73.3	73.4	73.4	73.4	73.4	74.0	74.0
73.8	74.2	74.3	74.6	74.6	74.6	74.7	74.7	74.7	74.9	75.0	75.0	75.0	75.0	75.6	75.6
74.1	74.6	74.7	74.9	74.9	74.9	75.0	75.0	75.0	75.2	75.3	75.3	75.3	75.3	75.9	75.9
75.7	76.1	76.2	76.4	76.4	76.4	76.7	76.7	76.7	76.9	77.0	77.0	77.0	77.0	77.6	77.6
76.2	76.7	76.9	77.1	77.1	77.1	77.3	77.3	77.3	77.6	77.7	77.7	77.7	77.7	78.2	78.2
77.2	77.8	78.0	78.2	78.2	78.2	78.4	78.4	78.4	78.7	78.8	78.8	78.8	78.8	79.3	79.3
78.4	79.0	79.2	79.4	79.4	79.4	79.7	79.7	79.7	79.9	80.0	80.0	80.0	80.0	80.6	80.6
81.7	81.3	81.8	82.0	82.0	82.0	82.2	82.2	82.2	82.6	82.7	82.7	82.7	82.7	83.2	83.2
82.2	82.9	83.3	83.7	83.7	83.8	84.1	84.1	84.1	84.4	84.6	84.6	84.6	84.6	85.1	85.1
85.7	86.3	86.8	87.1	87.1	87.2	87.6	87.6	87.6	87.9	88.0	88.0	88.0	88.0	88.6	88.6
87.2	87.9	88.3	88.7	88.7	88.8	89.1	89.1	89.1	89.4	89.6	89.6	89.6	89.6	90.1	90.1
89.7	90.4	90.9	91.2	91.2	91.3	91.7	91.7	91.7	92.0	92.1	92.1	92.1	92.1	92.7	92.7
90.6	91.7	92.1	92.4	92.4	92.7	93.0	93.0	93.0	93.3	93.4	93.4	93.4	93.4	94.0	94.0
91.4	92.6	93.0	93.3	93.3	93.6	94.0	94.0	94.0	94.4	94.6	94.6	94.6	94.6	95.1	95.1
91.7	92.9	93.3	93.7	93.7	93.9	94.3	94.3	94.3	94.8	94.9	94.9	94.9	94.9	95.4	95.4
92.6	93.8	94.2	94.7	94.7	94.9	95.3	95.3	95.3	95.8	95.9	95.9	95.9	95.9	96.6	96.6
92.9	94.3	94.8	95.2	95.2	95.4	95.9	95.9	95.9	96.3	96.6	96.6	96.6	96.6	97.2	97.2
93.0	94.4	95.0	95.4	95.6	95.8	96.2	96.2	96.2	96.7	96.9	96.9	96.9	96.9	97.6	97.6
93.2	94.7	95.2	95.7	95.9	96.1	96.6	96.6	96.7	97.2	97.6	97.6	97.6	97.6	98.2	98.2
93.2	94.8	95.3	95.8	96.1	96.3	96.9	96.9	97.0	97.6	97.9	97.9	97.9	97.9	98.6	98.6
93.2	94.9	95.7	96.1	96.4	96.7	97.2	97.3	97.4	98.0	98.3	98.3	98.3	98.3	99.2	99.2
93.2	95.1	96.0	96.4	96.8	97.0	97.7	97.8	97.9	98.4	98.8	98.8	98.8	98.8	99.7	99.7
93.2	95.1	96.0	96.4	96.8	97.0	97.7	97.8	97.9	98.6	99.1	99.1	99.1	99.1	100.0	100.0
93.2	95.1	96.0	96.4	96.8	97.0	97.7	97.8	97.9	98.6	99.1	99.1	99.1	99.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.12.0 COLD LAKE APT CN

73-82

207

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

47.3	47.7	47.9	48.0	48.2	48.2	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.5	48.5	49.0	49.0
55.0	55.6	55.7	55.9	56.1	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.4	56.4	56.4	57.0	57.0
55.1	55.7	55.9	56.0	56.2	56.2	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.5	56.5	57.1	57.1
55.3	56.0	56.1	56.2	56.4	56.4	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.8	56.8	57.3	57.3
56.0	56.6	56.8	56.9	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.4	57.4	58.0	58.0
60.4	61.0	61.1	61.3	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.8	62.4	62.4
65.8	66.4	66.6	66.7	66.9	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.8	67.8
67.5	68.1	68.2	68.4	68.6	68.6	68.7	68.7	68.7	68.9	68.9	68.9	68.9	69.0	69.1	69.6	69.6
69.9	70.5	70.7	70.9	71.2	71.2	71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.6	71.6	72.2	72.2
72.3	73.1	73.2	73.4	73.8	73.8	73.9	73.9	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.8	74.8
72.7	73.5	73.6	73.9	74.2	74.2	74.3	74.3	74.3	74.5	74.5	74.5	74.7	74.7	75.2	75.2	
74.0	74.9	75.0	75.2	75.6	75.6	75.7	75.7	75.7	75.9	75.9	75.9	75.9	76.0	76.0	76.6	76.6
74.7	75.6	75.7	75.9	76.2	76.2	76.4	76.4	76.4	76.6	76.6	76.6	76.7	76.7	77.3	77.3	
75.8	76.7	76.9	77.1	77.5	77.6	77.7	77.7	77.7	77.9	77.9	77.9	78.0	78.0	78.6	78.6	
76.7	77.6	77.8	78.0	78.4	78.5	78.6	78.6	78.6	78.8	78.8	78.8	78.9	78.9	79.5	79.5	
78.7	79.6	80.0	80.2	80.5	80.7	80.9	80.9	80.9	81.1	81.1	81.1	81.2	81.2	81.8	81.8	
80.6	81.6	82.0	82.3	82.8	83.0	83.1	83.1	83.1	83.3	83.3	83.3	83.4	83.4	84.0	84.0	
83.6	84.7	85.0	85.6	86.1	86.4	86.6	86.6	86.6	86.8	86.8	86.8	86.9	86.9	87.5	87.5	
83.9	85.1	85.5	86.0	86.6	86.8	87.0	87.0	87.0	87.3	87.3	87.3	87.4	87.4	88.0	88.0	
85.8	87.2	87.5	88.2	88.7	89.0	89.3	89.3	89.3	89.5	89.5	89.5	89.6	89.6	90.2	90.2	
87.8	89.5	89.9	90.7	91.2	91.4	91.9	91.9	91.9	92.2	92.2	92.2	92.3	92.3	92.9	92.9	
88.5	90.3	90.8	91.6	92.1	92.5	92.9	92.9	92.9	93.4	93.4	93.4	93.5	93.5	94.0	94.0	
89.1	90.9	91.3	92.1	92.7	93.0	93.5	93.5	93.5	93.9	93.9	93.9	94.0	94.0	94.6	94.6	
89.4	91.2	91.7	92.5	93.0	93.4	93.8	93.8	93.8	94.4	94.4	94.4	94.5	94.5	95.0	95.0	
90.1	92.1	92.7	93.5	94.0	94.4	94.8	94.8	94.8	95.4	95.4	95.4	95.5	95.5	96.1	96.1	
90.4	92.5	93.0	93.8	94.5	94.8	95.3	95.3	95.3	95.8	95.8	95.8	95.9	95.9	96.5	96.5	
91.0	93.0	93.7	94.5	95.3	95.6	96.1	96.1	96.1	96.6	96.6	96.6	96.7	96.7	97.3	97.3	
91.2	93.2	94.0	95.0	96.1	96.4	96.8	96.8	96.8	97.4	97.4	97.4	97.6	97.6	98.2	98.2	
91.3	93.4	94.1	95.3	96.4	96.7	97.2	97.2	97.2	97.7	97.7	97.7	98.0	98.0	98.5	98.5	
91.3	93.4	94.3	95.4	96.6	97.0	97.4	97.4	97.5	98.1	98.1	98.1	98.3	98.3	99.2	99.2	
91.3	93.4	94.3	95.4	96.6	97.0	97.4	97.4	97.5	98.2	98.5	98.5	98.9	98.9	99.9	99.9	
91.3	93.4	94.3	95.4	96.6	97.0	97.4	97.4	97.5	98.2	98.5	98.5	98.9	98.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

711210 COLD LAKE APT CN

73-87

001

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1950-1100

44.4	44.6	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	45.0	45.0	45.0	45.0	45.0
55.0	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7
55.0	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7
55.2	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8
56.3	56.6	56.7	56.8	56.8	56.8	56.8	56.9	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9
59.7	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4
65.0	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8
67.9	68.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0
69.0	69.8	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4
72.4	73.1	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7
72.6	73.4	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9
73.9	74.8	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4
74.0	75.1	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7
74.7	75.8	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.4	76.4	76.4	76.4	76.4
75.5	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1
77.4	78.6	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2
79.6	80.8	81.0	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6
82.6	84.0	84.4	84.7	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3
83.2	84.7	85.0	85.3	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1
85.0	86.6	86.9	87.2	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1
87.9	89.5	89.8	90.1	90.7	90.8	91.0	91.0	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2
89.8	91.3	91.7	92.0	92.6	92.7	92.9	92.9	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1
90.3	91.9	92.2	92.7	93.2	93.3	93.6	93.6	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8
90.7	92.2	92.7	93.2	93.8	93.9	94.1	94.1	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3
90.9	92.8	93.3	94.0	94.6	94.7	94.9	95.0	95.0	95.0	95.1	95.4	95.4	95.4	95.4	95.4
91.3	93.5	94.1	94.8	95.4	95.6	95.8	95.9	95.9	96.0	96.3	96.3	96.3	96.3	96.3	96.3
91.8	94.1	94.8	95.6	96.2	96.3	96.6	96.7	96.7	96.8	97.1	97.1	97.1	97.1	97.1	97.1
92.0	94.5	95.1	96.0	96.7	96.8	97.1	97.2	97.2	97.3	97.7	97.7	97.8	97.8	97.8	97.8
92.0	94.7	95.3	96.3	97.3	97.4	98.0	98.3	98.3	98.4	98.8	98.8	99.0	99.0	99.0	99.0
92.1	94.8	95.6	96.6	97.6	97.7	98.2	98.6	98.6	98.8	99.1	99.1	99.3	99.4	99.4	99.4
92.1	94.8	95.6	96.6	97.6	97.7	98.2	98.6	98.6	99.0	99.3	99.3	99.8	99.9	100.0	100.0
92.1	94.8	95.6	96.6	97.6	97.7	98.2	98.6	98.6	99.0	99.3	99.3	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 901

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

71120 COLD LAKE APT CN

73-82

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1200-1400

51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
51.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
61.7	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
62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
65.1	65.2	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
69.4	69.6	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
71.3	71.4	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
72.9	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
75.1	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
75.7	76.3	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
76.4	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
76.8	77.6	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
78.9	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
80.0	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
82.6	83.4	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
84.9	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
89.7	90.7	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
90.4	91.8	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
91.6	93.2	93.2	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
93.9	95.7	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
94.6	96.6	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
94.8	96.8	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
95.1	97.1	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
95.3	97.4	97.5	97.7	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
95.6	97.7	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
95.8	98.0	98.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
95.9	98.1	98.2	98.4	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
96.0	98.2	98.3	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
96.0	98.2	98.3	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
96.0	98.2	98.3	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
96.0	98.2	98.3	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 12 13 COLD LAKE APT CN

73-82

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1500-1700

53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3
63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8
63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2
64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4
65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4
66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6
71.4	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9
72.8	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4
74.9	75.0	75.0	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6
77.0	77.1	77.1	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7
78.1	78.2	78.2	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8
79.7	79.8	79.8	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4
80.7	80.8	80.8	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4
83.1	83.4	83.4	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9
84.5	84.7	84.7	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2
87.1	87.5	87.5	87.6	87.7	87.8	87.8	87.8	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1
88.6	88.9	88.9	89.0	89.2	89.3	89.3	89.3	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
92.2	92.6	92.6	92.7	93.0	93.1	93.1	93.1	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6
92.9	93.2	93.2	93.3	93.7	93.8	93.8	93.8	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
94.7	95.0	95.0	95.3	95.7	95.8	95.8	95.8	95.9	95.9	96.2	96.2	96.2	96.3	96.3	96.3	96.3
95.6	96.1	96.1	96.4	96.8	96.9	96.9	96.9	97.0	97.0	97.3	97.6	97.6	97.7	97.7	97.7	97.7
95.9	96.8	96.8	97.1	97.4	97.6	97.6	97.6	97.7	97.7	98.0	98.2	98.2	98.4	98.4	98.4	98.4
96.0	96.9	96.9	97.2	97.6	97.7	97.7	97.7	97.8	97.8	98.1	98.3	98.3	98.6	98.6	98.6	98.6
96.3	97.2	97.2	97.6	97.9	98.0	98.0	98.0	98.1	98.2	98.6	98.8	98.8	99.0	99.0	99.0	99.0
96.6	97.4	97.4	97.8	98.1	98.2	98.2	98.3	98.4	98.4	98.8	99.0	99.0	99.2	99.2	99.2	99.2
96.6	97.6	97.6	97.9	98.2	98.3	98.3	98.3	98.4	98.6	98.9	99.1	99.1	99.3	99.3	99.3	99.3
96.7	97.7	97.7	98.0	98.4	98.6	98.6	98.6	98.7	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.6
96.7	97.7	97.7	98.0	98.4	98.6	98.6	98.6	98.9	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.8
96.7	97.7	97.7	98.0	98.4	98.6	98.6	98.6	98.9	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.8
96.7	97.7	97.7	98.0	98.4	98.6	98.6	98.6	98.9	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.8
96.7	97.7	97.7	98.0	98.4	98.6	98.6	98.6	98.9	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
41- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 12 0 COLL LAKE APT CN

73-82

001

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1900-2000

59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
77.9	77.9	77.9	77.9	77.9	77.9	77.9	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
80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
85.7	86.0	86.1	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
86.2	86.5	86.7	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
88.0	88.4	88.5	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
89.6	90.1	90.2	90.5	90.5	90.5	90.5	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
92.8	93.3	93.4	93.7	93.8	93.8	93.8	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
93.3	93.8	93.9	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
94.7	95.6	95.7	96.0	96.1	96.1	96.1	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
95.3	96.3	96.4	96.7	96.8	96.8	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
95.7	96.9	97.1	97.5	97.6	97.6	97.6	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
95.8	97.0	97.2	97.6	97.7	97.7	97.7	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
96.1	97.4	97.6	97.9	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
96.4	97.6	97.8	98.1	98.3	98.3	98.3	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
96.5	97.7	97.9	98.2	98.5	98.5	98.5	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
96.7	97.9	98.1	98.5	98.7	98.7	98.7	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
96.7	97.9	98.1	98.5	98.7	98.7	98.7	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
96.7	97.9	98.1	98.5	98.7	98.7	98.7	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
96.7	97.9	98.1	98.5	98.7	98.7	98.7	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
96.7	98.0	98.2	98.6	98.8	98.8	98.8	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
96.7	98.0	98.2	98.6	98.8	98.8	98.8	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
96.7	98.0	98.2	98.6	98.8	98.8	98.8	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 907

CEILING VERSUS VISIBILITY

2

7 12.0 COLD LAKE APT CN

73-82

007

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

2100-2300

55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.3
63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.5
63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.6
63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.6
53.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.7
66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	67.0
72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.0
74.4	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	74.9
77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.3
80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.9
80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.3
82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.8
83.5	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.5
84.6	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.7
85.7	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.8
87.2	88.2	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.6
88.5	89.6	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2
91.3	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.1
91.6	92.7	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.4
93.4	94.5	94.7	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.4
93.6	94.8	95.1	95.1	95.4	95.4	95.5	95.5	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.8
94.5	95.8	96.1	96.1	96.4	96.4	96.5	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.9
94.5	95.9	96.3	96.4	96.6	96.6	96.7	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1
94.5	96.1	96.5	96.6	96.8	96.8	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.4
94.9	96.7	97.0	97.1	97.4	97.4	97.5	97.6	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	98.0
95.5	97.5	97.8	97.9	98.1	98.1	98.2	98.3	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.8
95.7	97.7	98.0	98.1	98.3	98.3	98.5	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0
95.7	97.7	98.0	98.1	98.3	98.3	98.5	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0
95.9	97.9	98.3	98.6	98.8	98.8	98.9	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4
95.9	98.0	98.6	98.9	99.1	99.1	99.2	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8
95.9	98.0	98.6	98.9	99.3	99.3	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0
95.9	98.0	98.6	98.9	99.3	99.3	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-12-77 COLD LAKE APT CH

73-82

987

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

ALL

52.3	52.5	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.9	53.0
55.2	55.5	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.9	56.0
58.3	58.5	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.9	58.9	58.9	58.9	59.0	59.1
59.5	59.7	59.8	59.8	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.1	60.2
61.1	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.8	61.9
64.5	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.1	65.2	65.3
69.9	70.2	70.2	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.7	70.8
71.9	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.6	72.6	72.7
74.1	74.5	74.5	74.7	74.7	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	75.1	75.2
76.4	76.8	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.4	77.5
76.9	77.3	77.4	77.5	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.9	78.0
78.2	78.7	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.2	79.2	79.3	79.4
78.9	79.5	79.6	79.7	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.2	80.3
80.2	80.8	81.0	81.1	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.6	81.6
81.2	81.8	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.3	82.4	82.4	82.4	82.5	82.6
83.3	84.0	84.2	84.4	84.5	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.9	85.0
85.1	85.9	86.1	86.2	86.4	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.9	87.0
88.3	89.2	89.4	89.6	89.9	89.9	90.1	90.1	90.1	90.2	90.3	90.3	90.3	90.4	90.5
89.0	89.9	90.2	90.4	90.7	90.7	90.8	90.8	90.8	91.0	91.0	91.0	91.1	91.2	91.3
90.7	91.8	92.0	92.3	92.6	92.7	92.8	92.8	92.8	93.0	93.0	93.0	93.1	93.2	93.3
92.0	93.2	93.5	93.8	94.1	94.2	94.3	94.4	94.4	94.6	94.7	94.7	94.7	94.9	94.9
92.9	94.2	94.5	94.8	95.1	95.2	95.4	95.5	95.5	95.7	95.8	95.8	95.9	96.0	96.1
93.1	94.5	94.8	95.2	95.4	95.5	95.8	95.8	95.9	96.1	96.2	96.2	96.2	96.3	96.4
93.5	94.9	95.2	95.6	95.9	96.0	96.2	96.3	96.3	96.6	96.7	96.7	96.7	96.9	97.0
93.8	95.4	95.7	96.1	96.4	96.5	96.8	96.8	96.8	97.1	97.2	97.2	97.3	97.4	97.5
94.1	95.7	96.1	96.5	96.8	96.9	97.2	97.2	97.3	97.5	97.7	97.7	97.7	97.9	98.0
94.4	96.1	96.5	96.9	97.3	97.4	97.7	97.7	97.7	98.0	98.2	98.2	98.2	98.4	98.5
94.5	96.2	96.6	97.1	97.5	97.6	98.0	98.0	98.1	98.3	98.5	98.5	98.6	98.7	98.8
94.6	96.4	96.8	97.3	97.8	97.9	98.3	98.4	98.5	98.7	98.9	98.9	99.0	99.1	99.4
94.6	96.4	96.9	97.5	98.0	98.1	98.5	98.6	98.7	99.0	99.1	99.1	99.3	99.4	99.7
94.6	96.4	96.9	97.5	98.1	98.2	98.6	98.7	98.8	99.1	99.4	99.4	99.5	99.6	99.9
94.6	96.4	96.9	97.5	98.1	98.2	98.6	98.7	98.8	99.1	99.4	99.4	99.5	99.6	99.9

TOTAL NUMBER OF OBSERVATIONS 7198

GLOBAL CLIMATOLOGY BRANCH
METAC
414 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 12 0 COLD LAKE APT ON

73-62

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

000-1000

53.2	53.7	54.1	54.2	54.3	54.3	54.5	54.5	54.5	54.6	54.7	54.7	54.9	54.9	55.1	55.4
57.6	58.0	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.9	59.0	59.0	59.3	59.3	59.5	59.7
57.6	58.0	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.9	59.0	59.0	59.3	59.3	59.5	59.7
57.6	58.0	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.9	59.0	59.0	59.3	59.3	59.5	59.7
58.0	58.5	58.9	59.0	59.2	59.2	59.3	59.3	59.3	59.4	59.5	59.5	59.7	59.7	60.0	60.2
61.4	61.9	62.4	62.5	62.7	62.7	62.8	62.8	62.8	62.9	63.0	63.0	63.3	63.3	63.5	63.7
65.3	65.4	65.9	66.1	66.4	66.4	66.6	66.6	66.6	66.8	66.9	66.9	67.2	67.2	67.4	67.6
66.2	66.7	67.3	67.5	67.7	67.7	68.0	68.0	68.0	68.2	68.3	68.3	68.5	68.5	68.8	69.0
67.0	67.7	68.3	68.5	68.8	68.8	69.0	69.0	69.0	69.2	69.3	69.3	69.6	69.6	69.8	70.0
67.8	68.5	69.1	69.3	69.6	69.6	69.8	69.8	69.8	70.0	70.1	70.1	70.4	70.4	70.6	70.6
68.5	69.2	69.8	70.0	70.3	70.3	70.5	70.5	70.5	70.7	70.8	70.8	71.1	71.1	71.3	71.5
69.7	70.4	71.1	71.4	71.6	71.6	71.9	71.9	71.9	72.1	72.2	72.2	72.4	72.4	72.7	72.9
70.4	71.1	71.7	72.1	72.3	72.3	72.5	72.5	72.5	72.8	72.9	72.9	73.1	73.1	73.3	73.6
70.9	71.6	72.3	72.7	73.0	73.0	73.2	73.2	73.2	73.5	73.6	73.6	73.8	73.8	74.0	74.3
71.5	72.3	73.0	73.5	73.8	73.8	74.0	74.0	74.0	74.3	74.4	74.4	74.6	74.6	74.8	75.1
72.5	74.1	75.1	75.5	76.0	76.0	76.2	76.2	76.2	76.4	76.5	76.5	76.8	76.8	77.0	77.2
73.8	75.6	76.7	77.1	77.5	77.6	77.9	77.9	77.9	78.0	78.0	78.1	78.1	78.4	78.5	78.8
76.2	78.7	79.9	80.5	81.2	81.2	81.5	81.5	81.5	81.7	81.8	81.8	82.0	82.0	82.3	82.5
76.8	79.4	80.5	81.2	81.9	81.9	82.2	82.2	82.2	82.4	82.5	82.5	82.7	82.7	83.0	83.2
78.8	81.8	83.0	83.6	84.3	84.3	84.6	84.6	84.6	84.8	84.9	84.9	85.1	85.1	85.4	85.6
80.9	84.4	85.8	86.5	87.2	87.2	87.4	87.5	87.5	87.8	87.9	87.9	88.1	88.1	88.3	88.6
82.7	86.3	87.8	88.4	89.1	89.1	89.4	89.6	89.6	90.0	90.2	90.2	90.4	90.4	90.6	90.8
83.1	86.6	88.1	88.8	89.5	89.5	89.7	89.9	89.9	90.4	90.5	90.5	90.7	90.7	91.0	91.2
83.4	87.0	88.4	89.1	89.8	89.8	90.0	90.3	90.3	91.0	91.1	91.1	91.3	91.3	91.5	91.8
83.9	87.4	89.0	89.7	90.4	90.4	90.6	90.8	90.8	91.6	92.2	92.2	92.4	92.4	92.7	92.9
85.2	88.8	90.4	91.1	91.8	91.8	92.2	92.4	92.4	93.2	93.9	93.9	94.2	94.2	94.4	94.6
85.7	89.6	91.2	91.9	92.6	92.6	93.0	93.2	93.2	94.1	94.7	94.7	95.0	95.0	95.2	95.4
85.7	89.8	91.6	92.3	93.0	93.0	93.6	93.8	93.8	94.6	95.3	95.3	96.0	96.0	96.2	96.5
85.9	90.4	92.2	93.0	93.9	93.9	94.7	95.0	95.0	96.2	96.9	96.9	97.6	97.6	97.8	98.1
85.9	90.4	92.2	93.1	94.2	94.3	95.1	95.3	95.3	96.7	97.6	97.6	98.5	98.5	99.9	99.2
85.9	90.5	92.3	93.2	94.4	94.5	95.3	95.5	95.5	96.9	97.8	97.8	98.1	98.7	99.7	100.0
85.9	90.5	92.3	93.2	94.4	94.5	95.3	95.5	95.5	96.9	97.8	98.1	98.7	98.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 874

GENERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 12 00 COLD LAKE APT CV

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

707-1500

50.8	51.5	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.2	52.2	52.3	52.3	52.4	52.4
54.5	55.7	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.3	56.3	56.4	56.4	56.5	56.5
54.5	55.7	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.3	56.3	56.4	56.4	56.5	56.5
54.7	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.5	56.5	56.6	56.6	56.7	56.7
58.3	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.2	60.2	60.3	60.3	60.4	60.4
63.8	64.8	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.5	65.5	65.6	65.6	65.8	65.8
64.2	65.5	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.2	66.2	66.3	66.3	66.4	66.4
65.5	66.8	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.8	67.8	67.9	67.9	68.0	68.0
66.1	67.2	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2	68.3	68.3	68.4	68.4	68.5	68.5
66.7	67.9	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.9	68.9	69.1	69.1	69.2	69.2
67.2	68.5	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.5	69.5	69.6	69.6	69.7	69.7
67.8	69.2	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.3	70.3	70.4	70.4	70.5	70.5
69.1	70.4	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.5	71.6	71.6	71.7	71.7	71.8	71.8
69.4	70.8	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.9	71.9	72.0	72.0	72.1	72.1
71.6	73.1	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.5	74.5	74.7	74.7	74.8	74.8
73.3	74.9	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.6	76.6	76.7	76.7	76.8	76.8
75.0	77.4	78.5	79.1	79.3	79.3	79.5	79.5	79.5	79.5	79.6	79.7	79.7	79.8	79.8	79.9	79.9
75.9	76.1	79.2	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.3	80.4	80.4	80.5	80.5	80.6	80.6
79.4	80.7	82.1	82.6	82.9	82.9	83.1	83.2	83.2	83.3	83.4	83.4	83.6	83.6	83.7	83.7	83.7
81.3	83.9	85.3	85.8	86.1	86.1	86.5	86.9	86.9	87.0	87.1	87.1	87.2	87.2	87.3	87.3	87.3
83.3	86.1	87.4	88.0	88.2	88.2	88.7	89.0	89.0	89.5	89.6	89.6	89.7	89.7	89.8	89.8	89.8
84.9	87.7	89.0	89.6	89.8	89.8	90.3	90.6	90.6	91.1	91.2	91.2	91.3	91.3	91.4	91.4	91.4
85.3	88.0	89.4	90.0	90.2	90.2	90.6	91.0	91.0	91.6	91.7	91.7	91.8	91.8	91.9	91.9	91.9
85.7	88.6	90.0	90.5	90.8	90.8	91.2	91.6	91.6	92.4	92.6	92.6	92.7	92.7	92.8	92.8	92.8
86.1	89.3	90.6	91.3	91.6	91.6	92.0	92.4	92.4	93.2	93.6	93.6	93.7	93.7	94.1	94.1	94.1
86.9	90.2	91.5	92.5	92.7	92.7	93.3	93.6	93.6	94.4	94.9	94.9	95.0	95.0	95.3	95.4	95.4
87.0	90.4	91.8	92.8	93.0	93.0	93.6	93.9	93.9	94.7	95.2	95.2	95.5	95.5	95.9	96.0	96.0
87.2	90.9	92.2	93.3	93.7	93.7	94.4	94.7	94.7	95.9	96.3	96.3	96.7	96.7	97.0	97.1	97.1
87.2	91.0	92.4	93.7	94.2	94.3	95.3	95.7	95.7	97.3	97.9	97.9	98.3	98.3	98.6	98.7	98.7
87.2	91.1	92.5	93.8	94.3	94.4	95.5	96.1	96.1	97.7	98.5	98.5	98.9	99.1	99.7	100.0	100.0
87.2	91.1	92.5	93.8	94.3	94.4	95.5	96.1	96.1	97.7	98.5	98.5	98.9	99.1	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 676

FEDERAL CLIMATOLOGY BRANCH
U.S. AIR FORCE
AIR WEATHER SERVICE/AFSC

CEILING VERSUS VISIBILITY

1957 COLD LAKE APT. ON

73-52

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1800

44.6	45.3	45.4	45.7	45.7	46.3	46.1	46.2	46.3	46.6	46.6	46.5	46.7	46.9	47.1
49.4	50.1	50.2	50.6	50.9	50.9	51.3	51.3	51.3	51.5	51.5	51.6	51.7	52.0	52.0
49.4	50.1	50.2	50.6	50.9	50.9	51.3	51.3	51.3	51.5	51.5	51.6	51.7	52.0	52.2
49.5	50.2	50.3	50.7	51.0	51.0	51.1	51.1	51.3	51.4	51.6	51.6	51.7	51.8	52.1
50.3	51.0	51.1	51.5	51.8	51.8	52.0	52.0	52.1	52.2	52.4	52.4	52.5	52.6	52.9
54.6	55.3	55.5	55.9	56.2	56.2	56.3	56.3	56.4	56.6	56.6	56.8	56.9	57.0	57.5
60.3	60.1	60.6	60.9	61.3	61.3	61.4	61.4	61.5	61.6	61.8	61.8	62.0	62.1	62.3
61.7	62.0	62.5	62.5	63.3	63.3	63.4	63.4	63.6	63.7	63.9	63.9	64.0	64.1	64.4
62.5	63.3	63.4	64.3	64.7	64.7	64.8	64.9	65.1	65.2	65.4	65.4	65.5	65.6	65.9
64.7	65.1	65.7	66.1	66.6	66.6	66.7	66.8	66.9	67.0	67.2	67.2	67.4	67.5	67.7
64.5	65.5	66.2	66.6	67.0	67.0	67.1	67.2	67.4	67.5	67.7	67.7	67.8	67.9	68.2
65.2	66.2	67.0	67.4	67.8	67.8	67.9	68.0	68.0	68.3	68.5	68.5	68.6	68.7	69.0
66.2	67.4	68.2	68.5	69.0	69.0	69.2	69.3	69.4	69.5	69.8	69.8	69.9	70.0	70.2
66.4	67.6	68.4	68.7	69.3	69.3	69.5	69.7	69.8	69.9	70.1	70.1	70.2	70.3	70.5
66.6	67.7	68.5	68.9	69.4	69.4	69.7	69.8	69.9	70.0	70.2	70.2	70.3	70.5	70.7
66.4	69.7	70.6	70.9	71.5	71.5	71.8	72.0	72.1	72.2	72.4	72.4	72.5	72.6	72.9
69.4	70.7	71.6	72.0	72.5	72.5	72.9	73.0	73.1	73.2	73.4	73.4	73.6	73.7	73.9
73.1	74.5	75.4	75.9	76.7	76.7	77.1	77.4	77.5	77.5	77.8	77.8	77.9	78.0	78.3
73.6	75.2	76.2	76.6	77.5	77.6	78.0	78.3	78.4	78.5	78.7	78.7	78.9	79.0	79.4
75.7	77.9	79.0	79.5	80.7	80.7	81.1	81.4	81.5	81.7	82.0	82.0	82.1	82.2	82.4
77.9	80.3	81.4	82.0	83.1	83.2	83.8	84.0	84.1	84.4	84.6	84.6	84.7	84.8	85.1
79.7	81.2	83.2	83.6	84.9	85.1	85.7	86.0	86.2	86.8	87.0	87.0	87.1	87.2	87.5
81.5	84.0	85.1	85.6	86.8	86.9	87.6	87.9	88.2	88.7	89.0	89.0	89.1	89.2	89.4
82.5	85.2	86.2	86.9	88.0	88.2	89.0	89.3	89.5	90.1	90.3	90.3	90.5	90.6	90.8
83.1	85.9	86.9	87.6	88.7	88.9	89.7	90.0	90.2	90.9	91.5	91.5	91.6	91.7	92.0
83.7	86.6	87.6	88.3	89.5	89.7	90.5	90.8	91.0	91.8	92.4	92.5	92.6	92.8	93.0
84.4	87.5	88.5	89.4	90.7	90.8	91.6	92.0	92.7	93.2	93.5	93.9	94.7	94.1	94.4
85.1	88.5	89.7	90.7	92.1	92.2	93.0	93.3	93.6	94.6	95.2	95.3	95.5	95.6	95.9
85.2	88.9	90.1	91.3	92.9	93.0	94.0	94.4	94.6	95.9	96.4	96.6	96.8	96.9	97.1
85.2	88.9	90.1	91.5	93.2	93.3	94.6	94.9	95.7	97.1	97.9	98.0	98.3	98.4	98.6
85.2	88.9	90.1	91.0	93.6	93.7	95.1	95.4	95.6	97.6	98.4	98.5	98.9	99.1	99.5
85.2	88.9	90.1	91.6	93.6	93.7	95.1	95.4	95.6	97.6	98.4	98.5	98.9	99.1	99.5

TOTAL NUMBER OF OBSERVATIONS 57

GLOBAL CLIMATOLOGY BRANCH
 WAFETAC
 AFSS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

123 COLD LAKE APT CV

73-87

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1933-1952

40.4	40.4	40.6	40.7	40.7	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.1
49.5	50.6	50.7	51.0	51.0	51.0	51.3	51.3	51.3	51.4	51.5	51.5	51.5	51.6	51.6	51.7	51.8
49.5	50.6	50.7	51.0	51.0	51.0	51.3	51.3	51.3	51.4	51.5	51.5	51.5	51.6	51.6	51.7	51.8
49.7	50.7	50.7	51.2	51.2	51.2	51.4	51.4	51.4	51.5	51.6	51.6	51.7	51.7	51.7	51.9	52.0
50.3	51.4	51.5	51.8	51.8	51.8	52.1	52.1	52.1	52.2	52.3	52.3	52.4	52.4	52.5	52.6	
53.6	54.7	54.8	55.2	55.2	55.2	55.4	55.4	55.4	55.5	55.6	55.6	55.9	55.9	56.0	56.1	
58.6	60.4	61.4	61.1	61.1	61.1	61.3	61.4	61.4	61.5	61.6	61.6	61.9	61.9	62.0	62.1	
60.7	62.7	62.9	63.4	63.4	63.4	63.6	63.7	63.7	63.8	63.9	63.9	64.2	64.2	64.3	64.4	
63.0	64.7	65.0	65.4	65.4	65.4	65.8	65.9	65.9	66.0	66.1	66.1	66.4	66.4	66.5	66.6	
64.2	65.9	66.1	66.6	67.1	67.1	67.4	67.5	67.5	67.5	67.7	67.7	68.0	68.0	68.1	68.2	
64.6	66.4	66.7	67.4	67.7	67.7	68.1	68.2	68.2	68.3	68.4	68.4	68.7	68.7	68.8	68.9	
64.7	66.6	67.1	67.7	68.1	68.1	68.4	68.7	68.7	68.9	69.0	69.0	69.2	69.2	69.4	69.5	
65.2	67.1	67.6	68.4	68.9	68.9	69.2	69.5	69.5	69.7	69.8	69.8	70.0	70.0	70.2	70.3	
65.6	67.5	68.2	69.1	69.7	69.7	70.0	70.3	70.3	70.5	70.6	70.6	70.9	71.0	71.0	71.1	
65.7	67.7	68.3	69.2	69.8	69.8	70.3	70.6	70.6	70.9	71.0	71.0	71.2	71.2	71.3	71.4	
67.4	69.5	70.2	71.1	71.8	71.8	72.2	72.6	72.6	72.9	73.0	73.0	73.3	73.3	73.4	73.5	
68.9	71.1	71.8	72.8	73.5	73.8	74.3	74.7	74.7	75.0	75.1	75.1	75.3	75.3	75.5	75.6	
72.1	74.7	75.3	76.6	77.5	77.8	78.6	78.9	78.9	79.3	79.4	79.4	79.6	79.6	79.7	79.8	
77.9	75.5	76.2	77.5	78.5	78.7	79.7	80.1	80.1	80.4	80.5	80.5	80.8	80.8	80.9	81.0	
75.2	78.0	78.7	80.1	81.2	81.6	82.8	83.2	83.2	83.5	83.5	83.6	83.9	83.9	84.0	84.1	
76.7	79.7	80.5	82.0	83.5	84.0	85.4	85.7	85.7	86.1	86.2	86.2	86.4	86.4	86.5	86.6	
78.2	81.6	82.3	83.9	85.5	85.9	87.3	87.7	87.7	88.6	88.7	88.7	88.9	88.9	89.1	89.2	
79.4	82.7	83.6	85.3	86.9	87.4	88.8	89.2	89.2	90.1	90.2	90.2	90.4	90.4	90.6	90.7	
79.7	83.2	84.2	85.8	87.4	88.0	89.4	89.7	89.7	90.7	90.8	90.8	91.0	91.0	91.1	91.2	
87.5	84.1	85.1	85.8	88.4	88.9	90.3	90.7	90.9	91.8	92.5	92.6	92.9	92.9	93.0	93.1	
80.8	84.3	85.4	87.3	88.9	89.6	91.0	91.5	91.7	92.7	93.7	93.8	94.0	94.0	94.1	94.2	
81.3	85.3	86.6	88.6	89.2	91.0	92.5	93.0	93.2	94.5	95.5	95.9	95.1	96.1	96.2	96.3	
81.3	85.5	86.9	89.2	91.1	91.9	93.4	93.9	94.1	95.4	96.5	96.9	97.4	97.4	97.5	97.6	
81.6	85.6	87.2	89.6	91.6	92.4	93.9	94.4	94.6	96.0	97.1	97.5	98.0	98.4	98.5	98.6	
81.6	85.6	87.2	89.6	91.6	92.4	93.9	94.4	94.6	96.1	97.5	97.9	98.7	99.1	99.4	99.5	
81.6	85.6	87.2	89.6	91.6	92.4	93.9	94.4	94.6	96.1	97.6	97.9	98.7	99.1	99.4	99.9	
81.6	85.6	87.2	89.6	91.6	92.4	93.9	94.4	94.6	96.1	97.6	97.9	98.7	99.1	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 868

GLOBAL CLIMATOLOGY BRANCH
WAFS/TAC
AIR WEATHER SERVICE/LMAC

CEILING VERSUS VISIBILITY

1210 COLD LAKE APT CN

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1210-1400

42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	47.2
51.4	52.3	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
51.7	52.5	52.6	52.8	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
52.3	53.2	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
52.9	53.8	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
54.5	57.5	57.5	57.6	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
63.8	61.8	61.8	62.0	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5
63.1	64.1	64.3	64.5	64.7	64.8	64.9	64.9	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1
64.4	65.5	65.6	66.0	66.2	66.3	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7
65.3	66.8	67.0	67.5	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2
65.6	67.1	67.4	67.6	68.0	68.2	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5
66.2	67.8	68.2	68.6	69.0	69.1	69.4	69.5	69.5	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.8
66.9	68.6	69.1	69.5	69.9	70.0	70.3	70.5	70.5	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7
67.1	68.7	69.2	69.6	70.1	70.2	70.5	70.7	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
67.6	69.3	69.8	70.3	70.7	70.8	71.1	71.3	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
69.2	70.9	71.4	72.0	72.5	72.6	73.1	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
71.1	73.1	73.7	74.4	75.2	75.3	76.0	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
74.8	77.0	77.7	78.5	79.4	79.5	80.7	80.8	80.8	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3
76.3	78.2	78.9	79.7	80.6	80.7	81.8	82.0	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
76.0	80.5	81.4	82.5	83.4	83.8	85.1	85.3	85.3	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9
83.2	83.2	84.1	85.4	86.4	86.9	88.4	88.7	89.0	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8
81.3	84.5	85.4	86.7	87.7	88.2	89.7	90.3	90.7	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5
81.7	84.9	86.0	87.2	88.4	89.0	90.5	91.1	91.5	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4
82.1	85.4	86.4	87.8	89.0	89.5	91.0	91.7	92.1	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0
82.5	86.1	87.4	88.7	89.9	90.5	92.1	92.8	93.1	93.7	94.6	94.6	94.6	94.6	94.6	94.6	94.6
83.1	86.7	88.0	89.7	90.9	91.5	93.1	93.8	94.1	94.7	95.6	95.6	95.6	95.6	95.6	95.6	95.6
83.4	87.4	88.7	90.7	92.1	92.6	94.3	94.9	95.4	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
83.4	87.4	89.0	90.9	92.4	93.0	94.6	95.3	95.7	96.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8
83.4	87.5	89.1	91.4	93.0	93.6	95.7	96.4	96.9	97.7	98.9	99.0	99.1	99.3	99.3	99.3	99.3
83.4	87.5	89.1	91.4	93.0	93.6	95.7	96.4	96.9	97.7	99.0	99.1	99.2	99.5	99.7	99.7	99.7
83.4	87.5	89.1	91.4	93.0	93.6	95.7	96.4	96.9	97.7	99.0	99.1	99.2	99.5	99.8	100.0	100.0
83.4	87.5	89.1	91.4	93.0	93.6	95.7	96.4	96.9	97.7	99.0	99.1	99.2	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 872

FEDERAL CLIMATOLOGY BRANCH
USAF ETAC
430 WEATHER SERVICE/44C

CEILING VERSUS VISIBILITY

12120 COLD LAKE APT ON

73-82

NRV

PER CENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

46.7	46.9	47.1	47.0	47.0	47.0	47.1	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
54.8	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.5	55.5	55.5	55.6	55.6	55.6
54.9	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.5	55.5	55.5	55.5	55.6	55.6	55.7	55.7	55.7	55.7
55.0	55.2	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7
56.7	56.9	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4
60.7	61.3	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8
64.3	65.1	65.2	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8
66.7	67.0	67.3	67.5	67.5	67.6	67.7	67.7	67.7	67.7	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1
68.5	69.1	69.3	69.5	69.5	69.7	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1
69.4	70.0	70.2	70.5	70.5	70.6	70.7	70.7	70.7	70.7	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0
69.5	70.1	70.3	70.6	70.6	70.8	70.9	70.9	70.9	70.9	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4
70.0	70.6	70.9	71.4	71.4	71.6	71.7	71.7	71.7	71.7	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2
70.2	70.9	71.3	71.7	71.8	72.0	72.2	72.2	72.2	72.2	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6
70.6	71.3	71.7	72.3	72.4	72.6	72.8	72.8	72.8	72.8	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5
71.4	72.0	72.5	73.1	73.2	73.4	73.6	73.6	73.6	73.6	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4
73.3	74.1	74.5	75.1	75.2	75.5	75.8	75.8	75.8	75.8	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6
75.8	77.0	77.5	78.1	78.5	78.8	79.3	79.3	79.3	79.3	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
76.4	79.8	80.2	81.1	81.7	82.0	82.8	82.8	82.8	82.8	83.6	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8
79.3	80.8	81.3	82.2	82.7	83.1	83.9	83.9	83.9	83.9	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
81.1	82.7	83.4	84.7	85.6	85.9	86.7	86.8	86.8	86.8	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
83.1	84.8	85.5	87.0	88.1	88.4	89.2	89.3	89.3	89.3	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
83.9	85.7	86.4	88.0	89.0	89.3	90.1	90.2	90.3	90.3	91.9	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
84.0	86.0	86.8	88.4	89.4	89.8	90.7	90.9	91.0	92.8	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
84.2	86.4	87.2	88.9	89.9	90.2	91.3	91.5	91.6	93.4	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
84.9	87.2	88.0	89.7	90.7	91.0	92.0	92.3	92.4	94.2	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
85.5	87.8	88.6	90.5	91.5	91.8	93.0	93.2	93.3	95.1	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
85.7	88.2	89.0	90.9	91.9	92.3	93.4	93.6	93.9	95.9	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
85.9	88.9	89.7	91.6	92.6	93.0	94.1	94.3	94.5	96.6	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
85.9	88.9	89.8	91.7	93.3	93.8	95.0	95.3	95.6	97.6	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
86.7	89.0	89.9	91.8	93.4	93.9	95.2	95.7	95.9	98.2	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
86.0	89.0	89.9	91.8	93.4	93.9	95.2	95.7	95.9	98.2	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
86.0	89.0	89.9	91.8	93.4	93.9	95.2	95.7	95.9	98.2	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 880

GENERAL CLIMATOLOGY BRANCH
WAFB TAC
40 WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CV

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1950-2000

52.3	52.3	52.5	52.5	52.5	52.5	52.7	52.7	52.7	52.8	52.9	52.9	52.9	52.9	52.9	53.0
58.3	58.3	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.8	58.9	58.9	58.9	58.9	58.9	59.0
58.3	58.3	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.8	58.9	58.9	58.9	58.9	58.9	59.0
58.6	58.6	58.8	58.8	58.8	58.8	58.9	58.9	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.3
59.5	59.5	59.7	59.7	59.7	59.7	59.8	59.8	59.8	60.1	60.2	60.2	60.2	60.2	60.2	60.3
62.3	62.3	62.5	62.5	62.6	62.6	62.7	62.7	62.7	63.0	63.1	63.1	63.1	63.1	63.1	63.2
65.6	65.7	66.7	66.7	66.1	66.1	66.2	66.2	66.2	66.4	66.6	66.6	66.6	66.6	66.6	66.7
66.4	66.7	66.9	66.9	67.1	67.1	67.2	67.2	67.2	67.5	67.6	67.6	67.6	67.6	67.6	67.7
68.4	68.9	69.1	69.1	69.3	69.3	69.4	69.4	69.4	69.7	69.8	69.8	69.8	69.8	69.8	69.9
70.3	70.7	70.9	70.9	71.2	71.2	71.3	71.3	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.8
70.6	71.2	71.4	71.4	71.6	71.6	71.8	71.8	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.2
71.5	72.1	72.3	72.3	72.7	72.7	72.8	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.3
71.8	72.3	72.6	72.6	72.9	72.9	73.0	73.0	73.0	73.3	73.4	73.4	73.4	73.4	73.4	73.5
72.2	72.9	73.1	73.4	73.7	73.7	73.8	73.8	73.8	74.1	74.2	74.2	74.2	74.2	74.2	74.3
72.7	73.4	73.6	73.8	74.2	74.2	74.3	74.3	74.3	74.5	74.7	74.7	74.7	74.7	74.7	74.8
75.3	76.3	76.5	76.7	77.1	77.1	77.2	77.2	77.3	77.5	77.7	77.7	77.7	77.7	77.7	77.8
76.9	78.0	78.4	78.8	79.2	79.2	79.3	79.3	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.9
79.5	81.3	81.7	82.5	82.9	83.0	83.2	83.2	83.3	83.6	83.7	83.7	83.7	83.7	83.7	83.8
80.1	81.8	82.3	83.2	83.7	83.8	84.0	84.0	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.6
82.1	84.6	85.2	86.1	86.9	87.0	87.5	87.5	87.6	87.8	88.0	88.0	88.0	88.0	88.0	88.1
84.4	87.2	87.8	88.9	89.7	89.8	90.3	90.4	90.5	90.7	90.9	90.9	90.9	90.9	90.9	91.0
85.4	88.3	89.0	90.2	91.1	91.2	91.8	91.9	92.0	92.6	92.7	92.7	92.7	92.7	92.7	92.8
85.9	89.0	89.8	91.0	92.0	92.1	92.7	92.8	92.9	93.5	93.6	93.6	93.6	93.6	93.6	93.8
86.0	89.1	89.9	91.1	92.2	92.4	92.9	93.1	93.2	93.8	93.9	93.9	93.9	93.9	93.9	94.0
86.1	89.5	90.3	91.4	92.7	92.8	93.5	93.6	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.6
86.1	89.6	90.4	91.6	93.1	93.3	94.0	94.1	94.2	94.8	94.9	94.9	94.9	94.9	94.9	95.0
86.2	89.7	90.5	91.7	93.3	93.6	94.3	94.4	94.6	95.1	95.3	95.3	95.3	95.3	95.3	95.4
86.3	89.8	90.7	92.1	94.2	94.8	95.6	95.7	95.8	96.4	96.5	96.5	96.5	96.5	96.5	96.6
86.6	90.2	91.3	92.9	95.4	95.9	97.0	97.6	97.7	98.3	98.4	98.4	98.4	98.4	98.4	98.5
86.6	90.3	91.4	93.2	95.7	96.3	97.6	98.1	98.3	99.1	99.7	99.7	99.7	99.7	99.7	99.8
86.6	90.3	91.4	93.2	95.8	96.4	97.8	98.4	98.5	99.3	99.9	99.9	99.9	99.9	99.9	100.0
86.6	90.3	91.4	93.2	95.8	96.4	97.8	98.4	98.5	99.3	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 864

2

GLOBAL CLIMATOLOGY BRANCH
CEAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7012.0 COLD LAKE APT CN

73-62

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

53.0	53.0	53.2	53.2	53.3	53.3	53.5	53.5	53.5	53.6	53.6	53.6	53.7	53.7	53.7	53.8
59.3	59.3	59.5	59.5	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.9	59.9	59.9	60.0
59.3	59.3	59.5	59.5	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.9	59.9	59.9	60.0
59.7	59.7	59.9	59.9	60.0	60.0	60.2	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.5
62.8	62.8	63.0	63.0	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.5	63.5	63.5	63.6
65.8	65.8	66.1	66.1	66.3	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.7
67.0	67.0	67.2	67.2	67.4	67.4	67.5	67.5	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67.9
67.5	67.7	67.9	67.9	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.6
68.8	69.2	69.7	69.8	70.1	70.1	70.3	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.6
69.2	69.7	70.1	70.3	70.6	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.9	70.9	70.9	71.1
69.5	69.9	70.4	70.5	70.8	70.8	70.9	70.9	70.9	71.1	71.1	71.1	71.2	71.2	71.2	71.3
70.6	71.1	71.6	71.9	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.6
70.9	71.4	72.0	72.2	72.5	72.5	72.6	72.6	72.6	72.9	72.9	72.9	73.0	73.0	73.0	73.1
71.5	72.1	72.6	72.9	73.2	73.2	73.3	73.3	73.3	73.6	73.6	73.6	73.7	73.7	73.7	73.8
73.0	73.6	74.2	74.5	74.8	74.8	74.9	74.9	74.9	75.1	75.1	75.1	75.3	75.3	75.3	75.4
74.2	75.0	75.7	76.0	76.4	76.4	76.5	76.5	76.5	76.7	76.7	76.7	76.8	76.8	76.8	77.0
77.2	78.4	79.2	79.9	80.2	80.4	80.9	80.9	80.9	81.2	81.3	81.3	81.4	81.4	81.4	81.5
78.5	79.9	80.7	81.4	81.7	81.8	82.4	82.4	82.4	82.6	82.7	82.7	82.9	82.9	82.9	83.0
81.4	82.9	83.8	84.4	84.9	85.0	85.6	85.6	85.6	85.8	85.9	85.9	86.0	86.0	86.0	86.2
84.0	85.6	86.5	87.2	87.6	87.7	88.3	88.4	88.6	88.9	89.0	89.0	89.1	89.1	89.1	89.2
85.0	86.8	88.0	88.6	89.1	89.2	89.8	90.0	90.2	90.6	90.7	90.7	90.8	90.8	90.8	90.9
85.2	87.3	88.4	89.1	89.6	89.7	90.2	90.5	90.7	91.0	91.1	91.1	91.3	91.3	91.3	91.4
85.4	87.4	88.5	89.2	89.7	89.8	90.4	90.6	90.8	91.1	91.3	91.3	91.4	91.4	91.4	91.5
85.6	87.7	88.9	89.7	90.2	90.4	91.0	91.3	91.5	91.8	93.1	93.1	93.2	93.2	93.2	93.3
85.9	88.2	89.4	90.2	90.8	90.9	91.6	91.9	92.2	92.5	93.8	93.8	93.9	93.9	93.9	94.0
86.0	88.6	89.9	90.9	91.6	91.7	92.4	92.8	93.1	93.5	94.8	94.8	94.9	94.9	94.9	95.0
86.2	89.2	90.7	91.9	92.7	92.8	93.6	94.2	94.4	95.0	96.3	96.3	96.8	96.8	96.8	96.9
86.2	89.6	91.0	92.5	93.5	93.6	94.6	95.2	95.5	96.4	97.6	97.6	98.2	98.2	98.2	98.3
86.3	89.8	91.4	92.8	94.0	94.1	95.2	96.0	96.3	97.5	99.0	99.2	99.8	99.8	99.8	99.9
86.3	89.8	91.4	92.8	94.0	94.1	95.2	96.0	96.3	97.5	99.0	99.2	99.8	99.8	99.8	99.9
86.3	89.8	91.4	92.8	94.0	94.1	95.2	96.0	96.3	97.5	99.0	99.2	99.8	99.8	99.8	99.9
86.3	89.8	91.4	92.8	94.0	94.1	95.2	96.0	96.3	97.5	99.0	99.2	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 681

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

701200 COLD LAKE APT CN

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

47.8	48.3	49.5	48.6	49.6	48.6	48.7	48.7	48.7	48.8	48.9	48.9	49.3	49.3	49.3	49.1
54.3	54.9	55.1	55.2	55.3	55.3	55.4	55.4	55.5	55.5	55.6	55.7	55.7	55.7	55.8	55.9
54.4	55.0	55.2	55.3	55.4	55.4	55.5	55.5	55.5	55.6	55.7	55.7	55.9	55.8	55.9	56.0
54.5	55.1	55.3	55.4	55.5	55.5	55.6	55.6	55.6	55.7	55.8	55.8	55.9	55.9	56.0	56.1
55.3	55.8	56.0	56.2	56.3	56.3	56.4	56.4	56.4	56.5	56.6	56.6	56.7	56.7	56.8	56.9
58.8	59.4	59.6	59.8	59.9	59.9	60.0	60.0	60.0	60.1	60.2	60.2	60.3	60.3	60.4	60.5
63.0	63.7	63.9	64.1	64.2	64.3	64.4	64.4	64.4	64.6	64.7	64.7	64.8	64.8	64.9	65.0
64.5	65.2	65.5	65.7	65.9	65.9	66.1	66.1	66.1	66.2	66.3	66.3	66.4	66.5	66.5	66.6
65.8	66.7	67.1	67.3	67.5	67.5	67.7	67.7	67.7	67.8	67.9	67.9	68.1	68.1	68.2	68.3
67.0	67.9	68.3	68.6	68.8	68.9	69.0	69.1	69.1	69.2	69.3	69.3	69.4	69.4	69.5	69.6
67.4	68.4	68.8	69.1	69.3	69.4	69.5	69.6	69.6	69.7	69.8	69.8	69.9	70.0	70.0	70.1
68.0	69.0	69.5	69.8	70.1	70.1	70.3	70.4	70.4	70.6	70.7	70.7	70.8	70.8	70.9	71.0
68.6	69.7	70.2	70.6	70.9	70.9	71.1	71.2	71.2	71.4	71.5	71.5	71.6	71.6	71.7	71.8
69.1	70.2	70.8	71.2	71.5	71.6	71.8	71.8	71.8	72.1	72.2	72.2	72.3	72.3	72.4	72.5
69.6	70.7	71.2	71.7	72.0	72.0	72.3	72.3	72.3	72.6	72.7	72.7	72.8	72.8	72.9	73.0
71.3	72.6	73.3	73.8	74.2	74.2	74.5	74.5	74.6	74.8	74.9	74.9	75.0	75.1	75.1	75.2
72.9	74.4	75.2	75.7	76.2	76.2	76.6	76.6	76.7	76.9	77.0	77.0	77.1	77.2	77.2	77.3
75.8	77.7	78.5	79.3	79.9	80.0	80.5	80.6	80.7	81.0	81.1	81.1	81.2	81.2	81.3	81.4
76.7	78.5	79.4	80.2	80.8	81.0	81.5	81.6	81.6	82.0	82.1	82.1	82.2	82.2	82.3	82.4
78.9	81.1	81.1	83.0	83.7	83.9	84.6	84.7	84.7	85.1	85.2	85.2	85.3	85.4	85.4	85.5
81.1	83.6	84.6	85.6	86.5	86.7	87.4	87.6	87.7	88.1	88.2	88.2	88.4	88.4	88.5	88.6
82.4	85.2	86.2	87.2	88.1	88.3	89.1	89.3	89.5	90.1	90.3	90.3	90.4	90.5	90.5	90.6
83.2	86.0	87.1	88.1	89.0	89.3	90.1	90.4	90.5	91.2	91.4	91.4	91.5	91.5	91.6	91.7
83.6	86.5	87.5	88.6	89.5	89.8	90.6	90.9	91.0	91.8	92.0	92.0	92.1	92.1	92.2	92.3
84.0	87.1	88.2	89.3	90.2	90.4	91.3	91.6	91.8	92.6	93.2	93.2	93.4	93.4	93.5	93.6
84.5	87.7	88.8	90.0	91.0	91.3	92.2	92.5	92.7	93.5	94.2	94.3	94.4	94.4	94.5	94.6
85.0	88.3	89.5	90.8	91.9	92.2	93.1	93.5	93.6	94.6	95.3	95.4	95.6	95.6	95.7	95.8
85.1	88.7	90.0	91.5	92.7	93.0	93.9	94.3	94.5	95.5	96.2	96.3	96.7	96.7	96.8	96.9
85.2	89.0	90.4	92.0	93.4	93.7	94.9	95.4	95.6	96.7	97.5	97.6	98.0	98.0	98.2	98.3
85.3	89.0	90.5	92.2	93.7	94.0	95.3	95.8	96.0	97.5	98.5	98.7	99.0	99.1	99.3	99.5
85.3	89.1	90.5	92.2	93.8	94.1	95.5	96.0	96.2	97.6	98.7	98.8	99.2	99.4	99.7	100.0
85.3	89.1	90.5	92.2	93.8	94.1	95.5	96.0	96.2	97.6	98.7	98.8	99.2	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 6983

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 12 0 COLD LAKE APT CN

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0000-2400

42.1	44.3	44.6	45.0	45.5	45.6	45.6	45.6	45.6	45.7	45.7	45.7	45.8	45.8	46.3	47.1
44.5	46.7	47.1	47.4	47.9	48.1	48.1	48.1	48.1	48.3	48.3	48.3	48.4	48.4	48.8	49.6
44.5	46.7	47.1	47.4	47.9	48.1	48.1	48.1	48.1	48.3	48.3	48.3	48.4	48.4	48.8	49.6
44.5	46.7	47.1	47.4	47.9	48.1	48.1	48.1	48.1	48.3	48.3	48.3	48.4	48.4	48.8	49.6
44.6	46.8	47.2	47.5	48.1	48.2	48.2	48.2	48.2	48.4	48.4	48.4	48.5	48.5	48.9	49.7
46.2	48.5	48.8	49.2	49.7	49.9	49.9	49.9	49.9	50.2	50.2	50.2	50.3	50.3	50.7	51.5
50.3	52.9	53.3	53.9	54.6	54.9	55.0	55.0	55.0	55.4	55.4	55.4	55.5	55.5	55.9	56.7
52.7	55.5	55.8	56.6	57.3	57.6	57.7	57.7	57.7	58.0	58.0	58.0	58.2	58.2	58.6	59.4
56.7	59.8	60.2	60.9	61.6	61.9	62.0	62.2	62.3	62.6	62.6	62.6	62.7	62.7	63.2	63.9
58.7	62.3	62.9	63.6	64.3	64.6	64.7	64.8	64.9	65.3	65.3	65.3	65.4	65.4	65.8	66.6
59.3	62.8	63.4	64.2	65.0	65.4	65.5	65.6	65.7	66.0	66.0	66.0	66.1	66.1	66.6	67.4
60.0	63.7	64.3	65.0	65.9	66.3	66.4	66.5	66.6	66.9	66.9	66.9	67.0	67.0	67.5	68.3
60.8	64.6	65.5	66.3	67.1	67.5	67.6	67.7	67.8	68.1	68.1	68.1	68.3	68.3	68.7	69.5
61.9	65.8	66.7	67.5	68.6	68.9	69.0	69.1	69.3	69.6	69.6	69.6	69.7	69.7	70.1	70.9
62.5	66.4	67.4	68.1	69.3	69.6	69.7	69.8	69.9	70.3	70.3	70.3	70.4	70.4	70.8	71.6
65.3	69.1	70.4	71.1	72.3	72.6	73.0	73.1	73.3	73.6	73.6	73.6	73.7	73.7	74.1	74.9
66.9	71.0	72.3	73.0	74.3	74.6	75.1	75.2	75.4	75.7	75.7	75.7	75.8	75.8	76.2	77.0
68.6	73.5	75.1	76.1	77.9	78.4	79.0	79.1	79.2	79.6	79.6	79.6	79.7	79.7	80.1	80.9
69.1	74.1	75.8	76.8	78.6	79.0	79.7	79.8	79.9	80.2	80.2	80.2	80.4	80.4	80.8	81.6
70.6	75.7	77.4	78.4	80.1	80.6	81.2	81.4	81.5	81.8	81.8	81.8	81.9	81.9	82.4	83.1
74.3	79.7	81.4	82.6	84.4	84.8	85.5	86.0	86.1	86.6	86.6	86.6	86.7	86.7	87.1	87.9
75.7	81.2	83.2	84.5	86.2	86.7	87.5	88.0	88.1	89.2	89.2	89.2	89.3	89.3	89.8	90.6
76.8	82.4	84.4	85.6	87.3	87.8	88.6	89.1	89.2	90.3	90.3	90.3	90.5	90.5	90.9	91.7
77.6	83.2	85.2	86.5	88.2	88.7	89.5	90.1	90.2	91.3	91.3	91.3	91.5	91.5	91.9	92.7
78.9	84.7	86.7	87.9	89.7	90.1	91.0	91.7	91.8	92.9	93.1	93.2	93.3	93.3	93.8	94.6
79.8	85.6	87.6	88.8	90.6	91.0	91.9	92.6	92.7	93.8	94.0	94.2	94.3	94.3	94.8	95.6
80.4	86.3	88.3	89.6	91.3	91.8	92.7	93.3	93.5	94.6	94.8	95.0	95.1	95.1	95.6	96.3
80.5	86.6	88.7	89.9	91.7	92.1	93.3	94.0	94.1	95.2	95.4	95.7	95.9	95.9	96.3	97.1
80.5	86.7	88.9	90.1	91.9	92.3	93.7	94.5	94.6	96.0	96.2	96.4	96.9	96.9	97.3	98.1
80.7	86.9	89.2	90.6	92.5	92.9	94.2	95.0	95.1	96.7	97.0	97.2	97.7	97.7	98.2	99.0
80.7	87.0	89.3	90.7	92.6	93.0	94.5	95.2	95.3	96.9	97.2	97.6	98.0	98.0	98.7	99.4
80.7	87.0	89.3	90.7	92.6	93.0	94.5	95.2	95.3	96.9	97.2	97.6	98.0	98.0	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 901

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

71127 COLD LAKE APT CN

73-87

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1300-1500

41.7	44.3	44.5	44.5	45.1	45.1	45.2	45.5	45.5	45.5	45.7	45.7	45.0	46.0	46.3	46.6
45.1	47.5	47.7	47.7	48.3	48.3	48.4	48.7	48.7	48.7	48.9	48.9	49.2	49.2	49.5	49.8
45.1	47.5	47.7	47.7	48.3	48.3	48.4	48.7	48.7	48.7	48.9	48.9	49.2	49.2	49.5	49.8
45.1	47.5	47.7	47.7	48.3	48.3	48.4	48.7	48.7	48.7	48.9	48.9	49.2	49.2	49.5	49.8
45.8	48.3	48.5	48.5	49.1	49.1	49.2	49.5	49.5	49.5	49.7	49.7	49.9	49.9	50.3	50.6
48.3	50.7	50.9	50.9	51.5	51.5	51.6	51.9	51.9	51.9	52.2	52.2	52.4	52.4	52.7	53.0
54.5	57.3	57.8	57.8	58.4	58.4	58.5	58.8	58.8	58.8	59.0	59.0	59.2	59.2	59.6	59.9
56.7	59.6	60.1	60.1	60.8	60.8	60.9	61.2	61.2	61.2	61.5	61.5	61.7	61.7	62.0	62.3
61.0	64.1	64.7	64.8	65.6	65.7	65.9	66.3	66.3	66.3	66.6	66.6	66.8	66.8	67.1	67.4
62.2	65.7	66.3	66.4	67.2	67.3	67.6	68.0	68.0	68.0	68.2	68.2	68.4	68.4	68.8	69.1
62.5	65.9	66.5	66.7	67.4	67.6	67.8	68.3	68.3	68.3	68.5	68.5	68.8	68.8	69.1	69.4
62.9	66.4	67.1	67.2	68.0	68.1	68.3	68.9	68.9	68.9	69.1	69.1	69.3	69.3	69.7	70.0
63.2	67.0	67.7	68.0	69.8	69.0	69.2	69.8	69.8	69.8	70.0	70.0	70.2	70.2	70.5	70.9
64.0	68.0	68.7	69.2	70.0	70.2	70.4	71.0	71.0	71.0	71.2	71.2	71.4	71.4	71.8	72.1
64.7	68.7	69.3	70.0	70.8	71.0	71.3	72.0	72.0	72.0	72.2	72.2	72.4	72.4	72.8	73.1
65.7	69.9	70.5	71.2	72.0	72.3	72.9	73.5	73.5	73.5	73.8	73.8	74.0	74.0	74.3	74.6
66.8	71.1	71.8	72.5	73.4	73.8	74.3	75.0	75.0	75.0	75.2	75.2	75.4	75.4	75.7	76.1
68.9	73.9	74.9	76.0	77.3	77.6	78.3	79.0	79.0	79.0	79.3	79.3	79.5	79.5	79.8	80.2
69.2	74.2	75.2	76.4	78.0	78.3	79.0	79.6	79.6	79.6	80.0	80.0	80.2	80.2	80.5	80.8
70.8	76.0	77.0	78.4	80.2	80.5	81.5	82.3	82.3	82.3	82.6	82.6	82.8	82.8	83.2	83.5
73.0	78.5	79.5	81.2	83.4	83.7	84.7	85.7	85.7	85.7	86.0	86.0	86.3	86.3	86.6	86.9
75.4	81.3	82.4	84.3	86.5	86.8	87.9	89.0	89.0	89.8	90.1	90.1	90.4	90.4	90.7	91.0
76.1	81.9	83.1	84.9	87.2	87.5	88.6	89.7	89.7	90.5	90.8	90.8	91.0	91.0	91.4	91.7
76.9	82.9	84.1	85.9	88.2	88.5	89.6	90.7	90.7	91.5	92.0	92.0	92.2	92.2	92.6	92.9
77.3	83.6	84.7	86.7	88.9	89.3	90.5	91.6	91.6	92.5	93.2	93.2	93.5	93.5	93.8	94.1
79.0	85.4	86.5	88.5	90.7	91.0	92.2	93.4	93.4	94.2	95.0	95.0	95.2	95.2	95.6	95.9
80.0	86.4	87.6	89.6	91.8	92.1	93.4	94.5	94.5	95.3	96.1	96.1	96.3	96.3	96.7	97.0
80.4	86.9	88.3	90.3	92.5	92.8	94.0	95.1	95.1	96.0	96.8	96.8	97.1	97.1	97.5	97.8
80.4	87.2	88.5	90.5	92.8	93.1	94.5	95.8	95.8	96.8	97.6	97.6	97.9	97.9	98.2	98.6
80.5	87.3	88.6	90.6	92.9	93.2	94.6	95.9	95.9	96.9	97.8	97.8	98.1	98.1	98.4	98.8
80.5	87.3	88.6	90.6	92.9	93.2	94.6	95.9	95.9	96.9	97.9	97.9	98.2	98.2	98.6	99.0
80.5	87.3	88.6	90.6	92.9	93.2	94.6	95.9	95.9	96.9	97.9	97.9	98.2	98.2	98.6	99.0

TOTAL NUMBER OF OBSERVATIONS 933

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

120 COLD LAKE APT CN

73-82

260

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

000-0800

37.2	38.3	39.5	39.8	41.1	41.1	40.3	40.5	40.5	40.5	40.9	41.4	41.4	41.7	42.2	
41.4	42.8	44.1	44.3	44.7	44.7	44.9	45.3	45.7	45.3	45.6	45.6	46.1	46.1	46.6	46.9
41.4	42.8	44.1	44.3	44.7	44.7	44.9	45.3	45.3	45.3	45.6	45.6	46.1	46.1	46.6	46.9
41.5	43.3	44.2	44.4	44.8	44.8	45.2	45.4	45.4	45.4	45.7	45.7	46.3	46.3	46.7	47.0
41.7	43.3	44.5	44.7	45.2	45.2	45.4	45.7	45.7	45.7	46.0	46.0	46.6	46.6	47.7	47.4
45.6	47.1	48.3	48.6	49.0	49.0	49.2	49.6	49.6	49.6	49.9	49.9	50.4	50.4	50.9	51.2
51.2	52.9	54.1	54.4	54.8	54.8	55.2	55.5	55.5	55.5	55.8	55.8	56.4	56.4	56.8	57.2
53.2	55.2	56.5	56.9	57.4	57.4	57.7	58.0	58.0	58.0	58.4	58.4	58.9	58.9	59.4	59.7
56.3	58.5	59.8	60.2	60.7	60.7	61.0	61.5	61.5	61.5	61.8	61.8	62.3	62.3	62.4	63.1
58.9	61.3	62.8	63.3	63.8	63.8	64.1	64.5	64.5	64.5	64.9	64.9	65.4	65.4	65.9	66.2
59.3	62.2	63.7	64.2	64.6	64.6	65.0	65.4	65.4	65.4	65.7	65.7	66.3	66.3	66.7	67.1
60.5	63.1	64.6	65.2	65.6	65.6	66.0	66.4	66.4	66.4	66.7	66.7	67.3	67.3	67.7	68.1
61.5	64.3	65.9	66.4	66.9	66.9	67.2	67.6	67.6	67.6	68.0	68.0	68.5	68.5	68.9	69.3
62.2	65.1	66.9	67.5	68.2	68.2	68.6	69.1	69.1	69.1	69.5	69.5	70.0	70.0	70.5	70.8
62.5	65.4	67.2	67.8	68.5	68.5	69.2	69.6	69.6	69.7	70.2	70.2	70.7	70.7	71.1	71.5
64.9	67.7	69.5	70.4	71.1	71.1	71.8	72.2	72.2	72.4	72.9	72.9	73.5	73.5	73.9	74.2
66.3	69.3	71.0	71.9	72.8	72.8	73.6	74.0	74.0	74.1	74.7	74.7	75.2	75.2	75.7	76.0
68.5	71.7	73.6	74.8	75.9	75.9	77.0	77.5	77.5	77.9	78.5	78.5	79.1	79.1	79.5	79.8
69.1	72.4	74.2	75.4	76.9	76.9	78.0	78.5	78.5	78.9	79.5	79.5	80.1	80.1	80.5	80.8
71.7	74.1	76.1	77.3	78.9	79.0	80.6	81.5	81.5	81.8	82.5	82.5	83.0	83.0	83.5	83.8
73.1	76.5	78.6	80.3	81.9	82.0	83.7	85.0	85.0	85.6	86.2	86.2	86.8	86.8	87.2	87.6
75.2	79.1	81.2	82.8	84.5	84.6	86.2	87.6	87.6	88.4	89.1	89.1	89.6	89.6	90.1	90.4
75.8	79.5	81.7	83.5	85.1	85.2	86.9	88.2	88.2	89.1	89.8	89.8	90.3	90.3	90.7	91.1
76.4	80.3	82.5	84.3	85.9	86.0	87.8	89.1	89.1	90.0	90.6	90.6	91.2	91.2	91.6	92.0
77.2	81.1	83.3	85.1	86.8	86.9	88.7	90.2	90.2	91.1	91.9	91.9	92.4	92.4	92.8	93.2
78.7	82.9	85.2	87.1	89.0	89.1	90.9	92.4	92.4	93.4	94.3	94.3	94.8	94.8	95.3	95.6
79.1	83.4	85.7	87.6	89.4	89.5	91.3	92.8	92.8	93.8	94.7	94.7	95.3	95.3	95.7	96.0
79.3	83.7	86.0	88.0	90.0	90.1	91.9	93.4	93.4	94.4	95.3	95.3	95.9	95.9	96.4	96.7
79.5	84.0	86.5	88.7	90.9	91.0	92.8	94.7	94.7	95.7	96.6	96.6	97.2	97.2	97.7	98.0
79.5	84.3	86.8	89.0	91.2	91.3	93.4	95.4	95.4	96.4	97.2	97.2	98.1	98.2	98.9	99.2
79.5	84.3	86.8	89.0	91.2	91.3	93.4	95.4	95.4	96.6	97.6	97.6	98.5	98.6	99.2	99.6
79.5	84.3	86.8	89.0	91.2	91.3	93.4	95.4	95.4	96.6	97.6	97.6	98.5	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 978

USAF ETAC

FEDERAL CLIMATOLOGY BRANCH
WAFBETAC
AD-WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

123 COLO LAKE APT ON

73-67

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

900-1100

29.6	31.8	33.1	32.9	33.2	33.3	33.8	33.8	33.8	33.8	33.8	34.2	34.2	34.7	34.8	34.5	35.1
36.4	39.7	40.7	41.1	41.6	41.7	42.5	42.6	42.6	42.8	43.1	43.3	43.3	43.7	44.1	44.1	44.5
36.6	39.9	40.7	41.3	41.8	41.9	42.7	42.8	42.8	43.1	43.5	43.5	44.2	44.3	44.3	44.3	44.7
36.7	40.1	40.4	41.4	41.9	42.1	42.8	43.0	43.0	43.2	43.6	43.6	44.1	44.4	44.4	44.4	44.9
37.1	40.5	40.8	41.8	42.4	42.5	43.4	43.5	43.5	43.7	44.2	44.2	44.6	45.0	45.0	45.0	45.4
40.6	44.2	44.5	45.5	46.3	46.4	47.3	47.4	47.4	47.9	48.3	48.3	48.8	49.1	49.1	49.1	49.6
49.0	53.0	53.5	54.6	55.4	55.5	56.4	56.5	56.5	56.9	57.4	57.4	57.9	58.4	58.4	58.4	59.1
51.6	55.6	56.3	57.2	57.9	58.1	59.1	59.2	59.2	59.6	60.1	60.1	60.6	61.1	61.1	61.1	61.7
54.0	58.4	59.1	60.3	61.1	61.3	62.3	62.4	62.4	62.9	63.3	63.3	63.9	64.3	64.3	64.3	65.0
55.8	60.4	61.1	62.4	63.4	63.6	64.9	65.0	65.0	65.4	65.9	65.9	65.9	66.4	66.9	66.9	67.6
55.8	60.4	61.1	62.4	63.4	63.6	64.9	65.0	65.0	65.4	65.9	65.9	65.9	66.4	66.9	66.9	67.6
57.0	61.7	62.4	63.8	64.8	65.0	66.3	66.4	66.4	67.0	67.4	67.4	68.0	68.5	68.5	68.5	69.1
57.8	62.5	63.2	64.5	65.5	65.8	67.1	67.2	67.3	67.9	68.3	68.3	68.9	69.4	69.4	69.4	70.0
59.1	63.9	64.8	66.2	67.3	67.6	68.9	69.0	69.1	69.7	70.1	70.1	70.7	71.1	71.1	71.1	71.8
59.7	64.7	65.7	67.1	68.3	68.6	70.0	70.1	70.2	70.8	71.3	71.3	71.8	72.3	72.3	72.3	72.9
60.2	65.3	66.3	67.9	69.2	69.5	70.9	71.0	71.1	71.7	72.1	72.1	72.7	73.2	73.2	73.2	73.8
61.1	66.2	67.2	68.9	70.4	70.6	72.1	72.3	72.4	72.9	73.4	73.4	73.9	74.4	74.4	74.4	75.1
63.4	68.9	70.0	72.5	74.4	74.8	76.4	76.5	76.6	77.6	78.1	78.1	78.7	79.2	79.2	79.2	79.9
64.3	69.9	71.0	73.5	75.4	75.8	77.4	77.5	77.6	78.6	79.1	79.1	79.8	80.2	80.2	80.2	80.9
65.7	71.4	72.7	75.2	77.1	77.5	79.4	79.4	79.9	81.1	81.5	81.5	82.2	82.7	82.7	82.7	83.3
67.7	73.4	74.8	77.6	79.6	80.3	82.2	82.8	83.0	84.3	84.8	84.8	85.5	85.9	85.9	85.9	86.6
68.3	74.4	76.1	79.1	81.1	82.0	83.9	84.7	84.9	87.4	87.8	87.8	88.5	88.9	88.9	88.9	89.6
68.8	74.8	76.5	79.5	81.5	82.4	84.3	85.1	85.3	88.0	88.5	88.5	89.1	89.6	89.6	89.6	90.3
69.8	76.0	77.6	80.6	82.8	83.7	85.6	86.4	86.6	89.3	89.7	89.8	90.5	90.9	90.9	90.9	91.6
70.2	76.5	78.5	81.9	84.0	84.9	86.9	87.7	87.9	90.6	91.4	91.5	92.2	92.6	92.6	92.6	93.3
70.6	77.0	79.0	82.3	84.6	85.5	87.6	88.4	88.6	91.3	92.2	92.3	93.0	93.4	93.4	93.4	94.1
70.8	77.3	79.4	82.8	85.1	86.0	88.1	88.9	89.1	91.9	92.8	93.1	93.7	94.2	94.2	94.2	94.9
70.9	77.4	79.6	83.1	85.9	87.0	89.1	89.9	90.2	93.0	94.1	94.3	95.3	95.9	96.3	96.3	96.6
70.9	77.4	79.6	83.3	86.5	87.6	89.9	91.1	91.3	94.1	95.2	95.9	97.2	98.0	98.1	98.1	98.8
70.9	77.5	79.8	83.4	86.6	87.7	90.3	91.4	91.6	94.4	95.6	96.3	97.8	98.5	98.9	99.7	99.7
70.9	77.5	79.8	83.4	86.6	87.7	90.3	91.4	91.6	94.4	95.7	96.4	97.9	98.7	99.1	100.0	100.0
70.9	77.5	79.8	83.4	86.6	87.7	90.3	91.4	91.6	94.4	95.7	96.4	97.9	98.7	99.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 894

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/LMAC

CEILING VERSUS VISIBILITY

2

73-12-0 COLD LAKE APT ON

73-62

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1800-2400

34.9	35.3	36.4	35.6	36.8	36.9	37.1	37.1	37.1	37.2	37.2	37.2	37.4	37.4	37.4	37.5
43.7	45.4	46.7	46.3	46.5	46.8	47.3	47.3	47.3	47.4	47.4	47.4	47.7	47.7	47.7	47.8
43.7	45.4	46.0	46.3	46.5	46.8	47.3	47.3	47.3	47.4	47.4	47.4	47.7	47.7	47.7	47.8
43.8	45.5	46.1	46.4	46.6	46.9	47.4	47.4	47.4	47.5	47.5	47.5	47.8	47.8	47.8	47.9
44.7	46.4	47.7	47.3	47.7	47.9	48.4	48.4	48.4	48.5	48.5	48.5	48.8	48.8	48.8	48.9
48.7	51.7	51.3	52.0	52.3	52.7	53.2	53.2	53.2	53.4	53.4	53.4	53.6	53.6	53.6	53.7
55.3	58.2	58.5	59.5	59.8	59.3	60.9	60.9	60.9	61.1	61.1	61.1	61.3	61.5	61.5	61.7
58.6	61.1	61.7	62.5	62.9	63.3	63.9	63.9	63.9	64.2	64.2	64.2	64.4	64.7	64.7	64.9
62.0	64.4	65.2	66.0	66.3	66.6	67.3	67.4	67.4	67.8	67.9	67.9	68.1	68.3	68.3	68.6
64.5	67.0	67.9	68.8	69.6	70.0	70.7	70.8	70.8	71.1	71.3	71.3	71.5	71.7	71.7	71.9
65.3	67.9	68.8	69.7	70.5	70.9	71.5	71.7	71.7	72.0	72.1	72.1	72.4	72.6	72.6	72.8
66.7	69.2	70.1	71.0	71.9	72.4	73.3	73.4	73.4	73.7	73.8	73.8	74.0	74.3	74.3	74.5
66.8	69.4	70.2	71.1	72.0	72.5	73.4	73.5	73.5	73.8	73.9	73.9	74.2	74.4	74.4	74.6
67.1	69.7	70.5	71.5	72.6	73.0	74.0	74.2	74.2	74.5	74.6	74.6	74.8	75.1	75.1	75.3
67.7	70.4	71.3	72.1	73.3	73.7	74.7	74.8	74.8	75.3	75.4	75.4	75.6	75.8	75.8	76.1
69.1	71.8	72.8	73.8	75.2	75.6	76.6	76.7	76.7	77.3	77.4	77.4	77.6	77.9	77.9	78.1
69.9	72.9	74.0	75.2	76.5	77.1	78.2	78.3	78.3	78.9	79.0	79.0	79.2	79.4	79.4	79.6
71.0	74.8	76.1	77.4	78.7	79.3	80.6	81.1	81.2	81.8	81.9	81.9	82.1	82.3	82.3	82.6
72.0	75.3	76.5	77.9	79.2	79.8	81.1	81.5	81.7	82.3	82.4	82.4	82.7	82.9	82.9	83.1
73.2	76.4	77.7	79.1	80.4	81.0	82.6	83.3	83.4	84.5	84.7	84.8	85.0	85.2	85.2	85.5
74.4	78.2	79.5	81.2	82.7	83.2	84.8	85.7	85.8	86.8	87.1	87.2	87.5	87.7	87.7	87.9
75.8	80.3	81.9	83.7	85.2	85.8	87.4	88.3	88.4	89.6	90.2	90.3	90.5	90.7	90.7	90.9
76.3	80.8	82.4	84.3	85.9	86.5	88.0	88.9	89.0	90.3	90.8	91.1	91.4	91.6	91.6	91.8
76.7	81.2	83.1	85.0	86.8	87.5	89.0	89.9	90.0	91.3	91.8	92.2	92.5	92.7	92.7	93.0
77.5	82.2	84.2	86.1	87.9	88.6	90.2	91.1	91.2	92.5	94.1	94.4	94.7	95.0	95.0	95.2
77.7	82.6	84.7	86.6	88.4	89.0	90.6	91.5	91.6	93.1	94.9	95.4	95.9	96.1	96.1	96.3
77.7	83.0	85.1	87.0	88.8	89.5	91.1	91.9	92.1	93.5	95.3	95.9	96.3	96.5	96.5	96.8
77.7	83.3	85.1	87.0	88.8	89.5	91.1	91.9	92.1	94.0	96.0	96.5	97.1	97.3	97.4	97.7
77.7	83.2	85.3	87.5	89.6	90.4	91.9	92.8	93.0	95.0	97.1	97.9	98.8	99.0	99.1	99.3
77.7	83.2	85.3	87.5	89.6	90.4	92.1	93.0	93.1	95.1	97.4	98.2	99.1	99.6	99.8	100.0
77.7	83.2	85.3	87.5	89.6	90.4	92.1	93.0	93.1	95.1	97.4	98.2	99.1	99.6	99.8	100.0
77.7	83.2	85.3	87.5	89.6	90.4	92.1	93.0	93.1	95.1	97.4	98.2	99.1	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 894

FEDERAL BUREAU OF SURVEY
 CENTRAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C.
 AIR WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

2

7 12 0 COLD LAKE APT CN

73-52

260

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1500-1700

40.0	40.1	40.3	40.5	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.5	40.6
47.5	47.9	48.5	48.7	48.9	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.4
47.5	47.9	48.5	48.7	48.9	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.4
47.7	48.2	48.7	48.9	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.6
48.7	49.2	49.7	49.9	50.2	50.3	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.7	50.8
51.9	52.9	53.5	53.9	54.2	54.3	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.7	54.8
57.2	58.3	59.0	59.7	59.9	60.0	60.4	60.5	60.5	60.5	60.7	60.7	60.8	60.9	61.0	61.3	
60.5	61.8	62.7	63.4	63.7	63.8	64.3	64.4	64.4	64.4	64.6	64.6	64.7	64.8	64.9	65.1	
63.9	65.5	66.4	67.0	67.4	67.5	68.0	68.1	68.1	68.1	68.4	68.4	68.5	68.6	68.7	68.9	
67.3	69.0	69.9	70.8	71.3	71.5	72.3	72.4	72.4	72.4	72.6	72.6	72.7	72.8	72.9	73.1	
68.1	69.5	70.7	71.6	72.0	72.3	73.0	73.1	73.1	73.1	73.5	73.5	73.6	73.7	73.8	74.0	
68.1	71.0	71.9	72.6	73.3	73.5	74.3	74.4	74.4	74.4	74.7	74.7	74.8	74.9	75.0	75.2	
69.8	71.8	72.7	73.8	74.3	74.5	75.2	75.4	75.4	75.4	75.7	75.7	75.8	75.9	76.0	76.2	
70.3	72.5	73.5	74.6	75.0	75.2	76.0	76.2	76.2	76.2	76.6	76.6	76.7	76.8	76.9	77.1	
72.6	73.0	74.0	75.1	75.6	75.8	76.6	76.8	76.8	76.8	77.1	77.1	77.2	77.4	77.5	77.7	
72.5	74.9	75.9	77.1	77.6	77.8	78.6	78.8	78.8	78.8	79.1	79.1	79.2	79.4	79.5	79.7	
73.8	76.6	77.8	79.0	79.7	79.9	80.8	81.0	81.0	81.0	81.4	81.4	81.5	81.6	81.7	81.9	
75.4	79.1	80.4	81.7	82.7	82.9	83.9	84.1	84.1	84.1	84.5	84.5	84.6	84.7	84.8	85.0	
75.7	79.5	81.7	82.1	83.1	83.4	84.4	84.6	84.6	84.6	84.9	84.9	85.0	85.1	85.2	85.5	
77.6	81.5	82.7	84.2	85.3	85.6	86.6	87.1	87.1	87.1	87.5	87.5	87.6	87.7	87.8	88.0	
79.1	83.5	84.0	85.3	87.5	87.7	88.9	89.8	89.8	89.8	90.2	90.2	90.3	90.5	90.6	90.6	
79.6	84.2	85.0	86.6	88.8	88.8	90.1	91.0	91.1	91.8	92.2	92.2	92.3	92.6	92.7	92.9	
79.7	84.6	85.0	86.8	88.9	89.1	90.5	91.3	91.5	92.1	92.6	92.6	92.7	92.9	93.0	93.2	
80.1	85.0	86.7	88.5	89.6	89.8	91.1	92.0	92.1	92.8	93.2	93.2	93.3	93.6	93.7	93.9	
80.2	85.3	87.0	88.9	91.0	90.2	91.5	92.5	92.6	93.3	94.6	94.6	94.7	94.9	95.0	95.2	
80.7	85.8	87.5	89.3	91.5	90.7	92.0	92.9	93.0	93.8	95.0	95.1	95.2	95.4	95.6	95.8	
81.2	86.3	88.0	90.2	91.3	91.6	92.9	93.8	93.9	94.7	95.9	96.1	96.2	96.4	96.6	96.8	
81.5	86.7	88.5	91.0	92.1	92.3	93.8	94.8	94.9	95.8	97.2	97.4	97.8	98.1	98.2	98.4	
81.5	86.8	88.6	91.3	92.6	92.8	94.2	95.3	95.4	96.3	97.9	98.1	98.4	98.9	99.1	99.3	
81.5	86.8	88.6	91.3	92.6	92.8	94.2	95.3	95.4	96.4	98.1	98.3	98.9	99.3	99.8	100.0	
81.5	86.8	88.6	91.3	92.6	92.8	94.2	95.3	95.4	96.4	98.1	98.3	98.9	99.3	99.8	100.0	
81.5	86.8	88.6	91.3	92.6	92.8	94.2	95.3	95.4	96.4	98.1	98.3	98.9	99.3	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CN

73-62

240

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1960-1969

43.1	43.7	43.7	43.7	43.8	43.8	43.9	43.8	43.9	43.8	44.0	44.0	44.0	44.0	44.0
47.8	48.4	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	49.0	49.0	49.0	49.0	49.0
47.8	48.4	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	49.0	49.0	49.0	49.0	49.0
47.8	48.4	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	49.0	49.0	49.0	49.0	49.0
48.6	49.2	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.8	49.8	49.8	49.8	49.8
51.9	52.6	52.9	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.5	53.6	53.6	53.6	53.6
55.3	56.3	56.3	56.6	56.8	56.8	56.9	56.9	56.9	56.9	57.2	57.2	57.2	57.2	57.2
58.4	59.2	59.6	59.8	60.0	60.0	60.1	60.1	60.1	60.1	60.4	60.4	60.4	60.4	60.4
61.7	62.8	63.1	63.4	63.7	63.7	63.9	63.9	63.9	63.9	64.2	64.2	64.2	64.2	64.2
64.7	66.1	66.7	67.3	67.7	67.7	67.9	67.9	67.9	67.9	68.2	68.2	68.2	68.2	68.2
65.2	66.7	67.2	67.9	68.2	68.2	68.4	68.4	68.4	68.4	68.8	68.8	68.8	68.8	68.8
66.2	68.0	68.6	69.3	69.7	69.8	70.0	70.0	70.0	70.0	70.3	70.3	70.3	70.3	70.3
66.9	68.9	69.7	70.4	70.8	71.0	71.2	71.2	71.2	71.2	71.5	71.6	71.6	71.6	71.6
68.3	70.3	71.1	72.0	72.3	72.6	72.8	72.8	72.8	72.8	73.1	73.1	73.1	73.1	73.1
69.1	71.2	72.0	72.9	73.2	73.4	73.7	73.7	73.7	73.7	74.0	74.0	74.0	74.0	74.0
71.2	73.6	74.4	75.3	75.9	76.1	76.3	76.4	76.4	76.4	76.8	76.8	76.8	76.8	76.8
72.8	75.1	76.1	77.0	77.8	78.0	78.4	78.6	78.6	78.6	78.9	78.9	78.9	78.9	78.9
74.3	77.9	79.2	80.3	81.2	81.6	82.1	82.2	82.2	82.2	82.6	82.6	82.6	82.6	82.6
75.6	79.0	80.3	81.4	82.3	82.7	83.2	83.3	83.3	83.3	83.7	83.7	83.7	83.7	83.7
77.4	80.8	82.3	83.7	84.6	84.9	86.8	87.0	87.0	87.0	87.3	87.3	87.3	87.3	87.3
79.0	82.7	84.2	85.6	86.4	86.8	88.7	89.3	89.3	89.3	89.7	89.7	89.7	89.7	89.7
79.8	83.7	85.6	87.0	88.0	88.3	90.4	91.3	91.3	91.3	92.4	92.4	92.4	92.4	92.4
79.9	83.8	85.9	87.3	88.3	88.7	90.8	91.7	91.7	92.1	93.0	93.0	93.0	93.0	93.0
80.0	84.2	86.3	87.6	88.8	89.1	91.2	92.2	92.2	92.7	93.6	93.6	93.6	93.6	93.6
80.4	84.8	86.9	88.3	89.3	89.7	91.8	92.6	92.9	93.2	94.4	94.4	94.4	94.4	94.4
81.1	85.4	87.6	89.0	90.0	90.3	92.4	93.4	93.4	93.9	95.1	95.1	95.1	95.1	95.1
81.4	86.1	88.6	90.3	91.4	91.8	93.9	95.0	95.0	95.4	96.7	96.8	96.8	96.8	96.8
81.9	86.6	89.0	90.9	92.2	92.6	94.7	95.8	95.8	96.3	97.6	97.7	98.6	98.6	98.6
82.1	86.8	89.2	91.1	92.6	92.9	95.2	96.4	96.4	97.0	98.2	98.3	99.2	99.2	99.2
82.0	86.8	89.2	91.1	92.7	93.0	95.3	96.6	96.6	97.2	98.6	98.7	99.8	99.8	99.8
82.0	86.8	89.2	91.1	92.7	93.0	95.3	96.6	96.6	97.2	98.6	98.7	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GENERAL CLIMATOLOGY BRANCH
WAFSCAT
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14300 GOLD LAKE APT. ON

75-57

95

PERIOD: 10 FEB 1961 TO 10 FEB 1961
FROM: 10 FEB 1961 TO 10 FEB 1961

40.3	40.4	40.6	40.9	41.0	41.1	41.2	41.3	41.2	41.4	41.4	41.5	41.6	41.6	41.8	42.1
43.2	43.5	43.9	44.3	44.7	45.1	45.5	45.9	46.3	46.7	47.1	47.5	47.9	48.3	48.7	49.1
44.4	44.8	45.2	45.6	46.0	46.4	46.8	47.2	47.6	48.0	48.4	48.8	49.2	49.6	50.0	50.4
44.8	45.2	45.6	46.0	46.4	46.8	47.2	47.6	48.0	48.4	48.8	49.2	49.6	50.0	50.4	50.8
47.5	47.9	48.3	48.7	49.1	49.5	49.9	50.3	50.7	51.1	51.5	51.9	52.3	52.7	53.1	53.5
53.1	53.5	53.9	54.3	54.7	55.1	55.5	55.9	56.3	56.7	57.1	57.5	57.9	58.3	58.7	59.1
55.7	56.1	56.5	56.9	57.3	57.7	58.1	58.5	58.9	59.3	59.7	60.1	60.5	60.9	61.3	61.7
59.1	59.5	59.9	60.3	60.7	61.1	61.5	61.9	62.3	62.7	63.1	63.5	63.9	64.3	64.7	65.1
61.5	61.9	62.3	62.7	63.1	63.5	63.9	64.3	64.7	65.1	65.5	65.9	66.3	66.7	67.1	67.5
62.1	62.5	62.9	63.3	63.7	64.1	64.5	64.9	65.3	65.7	66.1	66.5	66.9	67.3	67.7	68.1
63.1	63.5	63.9	64.3	64.7	65.1	65.5	65.9	66.3	66.7	67.1	67.5	67.9	68.3	68.7	69.1
63.8	64.2	64.6	65.0	65.4	65.8	66.2	66.6	67.0	67.4	67.8	68.2	68.6	69.0	69.4	69.8
64.7	65.1	65.5	65.9	66.3	66.7	67.1	67.5	67.9	68.3	68.7	69.1	69.5	69.9	70.3	70.7
65.3	65.7	66.1	66.5	66.9	67.3	67.7	68.1	68.5	68.9	69.3	69.7	70.1	70.5	70.9	71.3
67.1	67.5	67.9	68.3	68.7	69.1	69.5	69.9	70.3	70.7	71.1	71.5	71.9	72.3	72.7	73.1
68.7	69.1	69.5	69.9	70.3	70.7	71.1	71.5	71.9	72.3	72.7	73.1	73.5	73.9	74.3	74.7
68.8	69.2	69.6	70.0	70.4	70.8	71.2	71.6	72.0	72.4	72.8	73.2	73.6	74.0	74.4	74.8
70.4	70.8	71.2	71.6	72.0	72.4	72.8	73.2	73.6	74.0	74.4	74.8	75.2	75.6	76.0	76.4
72.5	72.9	73.3	73.7	74.1	74.5	74.9	75.3	75.7	76.1	76.5	76.9	77.3	77.7	78.1	78.5
74.6	75.0	75.4	75.8	76.2	76.6	77.0	77.4	77.8	78.2	78.6	79.0	79.4	79.8	80.2	80.6
75.9	76.3	76.7	77.1	77.5	77.9	78.3	78.7	79.1	79.5	79.9	80.3	80.7	81.1	81.5	81.9
76.4	76.8	77.2	77.6	78.0	78.4	78.8	79.2	79.6	80.0	80.4	80.8	81.2	81.6	82.0	82.4
77.7	78.1	78.5	78.9	79.3	79.7	80.1	80.5	80.9	81.3	81.7	82.1	82.5	82.9	83.3	83.7
78.4	78.8	79.2	79.6	80.0	80.4	80.8	81.2	81.6	82.0	82.4	82.8	83.2	83.6	84.0	84.4
79.2	79.6	80.0	80.4	80.8	81.2	81.6	82.0	82.4	82.8	83.2	83.6	84.0	84.4	84.8	85.2
79.3	79.7	80.1	80.5	80.9	81.3	81.7	82.1	82.5	82.9	83.3	83.7	84.1	84.5	84.9	85.3
79.3	79.7	80.1	80.5	80.9	81.3	81.7	82.1	82.5	82.9	83.3	83.7	84.1	84.5	84.9	85.3
79.3	79.7	80.1	80.5	80.9	81.3	81.7	82.1	82.5	82.9	83.3	83.7	84.1	84.5	84.9	85.3

TOTAL NUMBER OF OBSERVATIONS 7276



DATE: 10 FEB 1961

FEDERAL CLIMATOLOGY BRANCH
WASHTAC
U.S. WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

120 COLD LAKE APT CN

73-37

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

49.2	49.9	50.2	50.3	50.5	50.5	50.6	50.6	50.7	50.8	50.8	50.8	50.9	51.0	51.1	51.2
56.2	57.1	57.3	57.5	57.7	57.8	57.9	58.0	58.2	58.1	58.2	58.2	58.3	58.3	58.4	58.5
56.3	57.1	57.4	57.6	57.8	57.8	57.9	58.0	58.1	58.1	58.2	58.2	58.3	58.3	58.5	58.6
56.4	57.2	57.5	57.7	57.9	57.9	58.0	58.1	58.1	58.2	58.3	58.3	58.4	58.4	58.5	58.7
57.1	57.9	58.2	58.4	58.6	58.6	58.7	58.8	58.8	58.9	58.9	59.0	59.1	59.2	59.3	59.4
60.1	61.0	61.2	61.5	61.7	61.8	61.9	62.0	62.0	62.1	62.2	62.2	62.3	62.3	62.4	62.5
65.4	66.4	66.7	67.0	67.3	67.4	67.6	67.6	67.6	67.8	67.8	67.9	68.0	68.0	68.2	68.3
69.1	69.1	69.4	69.6	70.2	70.2	70.4	70.5	70.5	70.7	70.8	70.8	70.9	70.9	71.0	71.2
73.4	71.6	72.0	72.5	72.8	72.9	73.1	73.2	73.2	73.4	73.5	73.5	73.6	73.7	73.8	73.9
72.4	73.7	74.1	74.6	75.0	75.1	75.3	75.4	75.4	75.6	75.7	75.7	75.8	75.9	76.0	76.1
73.3	74.5	75.1	75.5	76.0	76.1	76.3	76.4	76.4	76.6	76.7	76.7	76.9	76.9	77.0	77.1
74.7	76.1	76.5	77.1	77.5	77.6	77.8	77.9	78.0	78.1	78.2	78.3	78.4	78.4	78.5	78.7
75.5	77.0	77.5	78.1	78.5	78.6	78.8	79.0	79.0	79.2	79.3	79.3	79.4	79.4	79.6	79.7
77.1	78.5	79.0	79.6	80.1	80.2	80.4	80.6	80.6	80.8	80.9	80.9	81.0	81.1	81.2	81.3
77.8	79.4	80.0	80.5	81.1	81.2	81.4	81.6	81.6	81.8	81.9	81.9	82.0	82.1	82.2	82.3
79.8	81.6	82.3	82.9	83.5	83.6	84.0	84.1	84.1	84.3	84.5	84.5	84.6	84.6	84.7	84.9
81.3	83.2	83.8	84.5	85.2	85.3	85.7	85.9	85.9	86.1	86.2	86.2	86.4	86.4	86.5	86.7
83.4	85.5	86.2	87.0	87.8	88.0	88.4	88.6	88.6	88.9	89.0	89.0	89.2	89.2	89.3	89.5
83.9	86.1	86.8	87.6	88.4	88.6	89.0	89.2	89.2	89.5	89.6	89.6	89.8	89.8	89.9	90.1
85.2	87.5	88.3	89.2	90.0	90.2	90.8	91.1	91.1	91.4	91.5	91.5	91.7	91.7	91.8	92.0
85.5	89.0	89.8	90.6	91.7	91.9	92.5	92.9	92.9	93.2	93.4	93.4	93.5	93.5	93.7	93.8
87.3	89.9	90.8	91.8	92.8	93.0	93.6	94.1	94.1	94.7	94.8	94.8	95.0	95.0	95.1	95.3
87.7	90.3	91.2	92.3	93.2	93.5	94.1	94.5	94.6	95.2	95.3	95.3	95.5	95.5	95.6	95.8
88.3	90.7	91.7	92.8	93.8	94.0	94.7	95.1	95.2	95.8	96.0	96.0	96.1	96.2	96.3	96.4
88.4	91.2	92.2	93.3	94.3	94.6	95.3	95.7	95.8	96.4	96.7	96.8	96.9	96.9	97.1	97.2
88.7	91.6	92.6	93.8	94.8	95.1	95.8	96.3	96.3	96.9	97.3	97.4	97.5	97.6	97.7	97.8
88.9	91.9	92.9	94.1	95.3	95.5	96.3	96.7	96.8	97.4	97.8	97.9	98.0	98.1	98.2	98.4
89.1	92.1	93.2	94.4	95.6	95.9	96.6	97.1	97.1	97.8	98.2	98.3	98.5	98.6	98.7	98.9
89.1	92.2	93.3	94.6	95.8	96.1	96.9	97.4	97.5	98.2	98.6	98.7	99.0	99.0	99.2	99.3
89.2	92.3	93.4	94.7	96.0	96.3	97.1	97.6	97.7	98.4	98.9	99.0	99.3	99.4	99.6	99.7
89.2	92.3	93.4	94.7	96.0	96.3	97.1	97.6	97.7	98.5	99.0	99.1	99.4	99.5	99.7	99.9
89.2	92.3	93.4	94.7	96.0	96.3	97.1	97.6	97.7	98.5	99.0	99.1	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 83967

TOTAL SKY COVER

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

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

7-12-82 GOLD LAKE APT GN STATION NAME

73-82 PERIOD

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF TOTAL SKY COVER	TOTAL HOURS	
		0	1	2	3	4	5	6	7	8	9			10
FEB	2-12	21.7			28.4						16.3	33.4	5.7	828
	3-15	17.5			27.3					15.6	35.6	5.8	819	
	4-18	8.1			32.6					26.1	33.2	5.6	785	
	5-21	2.3			29.3					30.5	38.2	7.4	822	
	6-24	2.1			31.1					32.9	39.9	7.3	819	
	7-27	4.0			32.6					31.1	32.3	7.0	832	
	8-29	7.8			33.2					27.7	31.2	6.6	797	
	9-31	11.9			28.7					16.8	34.0	5.7	823	
TOTALS		22.6			30.7					24.5	34.0	6.5	6470	

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

7-12-0 COLD LAKE APT. CV 73-90 MAR
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL OBSERVATIONS	
		0	1	2	3	4	5	6	7	8	9			10
MAR	3-02	22.6			22.6						17.1	33.6	5.6	923
	3-05	21.5			25.6						16.8	35.8	5.9	915
	6-08	3.5			35.4						27.8	33.3	6.9	886
	9-11	2.6			33.0						32.4	32.0	7.1	900
	11-14	2.7			33.7						36.1	27.6	7.1	921
	15-17	3.2			30.8						34.9	31.1	7.2	926
	18-20	4.4			12.4						30.8	32.5	7.0	893
	21-23	21.5			26.5						19.8	32.2	5.8	933
TOTALS		13.8			32.1						27.0	32.3	5.6	7237

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC WEATHER SERVICE/MAC

SKY COVER

7-12-80 WOLF LAKE APT CV 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN PERCENTAGE OF SKY COVER	TOTAL OBSERVATIONS	
		0	1	2	3	4	5	6	7	8	9			10
-P-	0-02	25.1			23.8						14.5	31.5	5.3	653
	3-25	15.4			25.2					14.9	31.7	6.3	553	
	6-08	2.7			31.3					30.5	35.5	7.2	553	
	9-11	2.5			32.9					23.8	23.8	7.1	554	
	12-14	1.4			31.4					40.2	28.0	7.3	561	
	15-17	.9			31.3					37.0	32.6	7.3	578	
	18-20	.9			25.2					35.7	28.2	7.1	555	
	21-23	13.4			37.0					25.1	29.5	5.8	671	
TOTALS		7.8			31.9					29.6	30.8	6.7	6884	

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR WEATHER SERVICE / MAC

SKY COVER

STATION: 73-8 COLLE LAKE APT. CO. PERIOD: MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBSERVATIONS	
		0	1	2	3	4	5	6	7	8	9			10
MAY	5-22	100.0			35.9						23.3	5.8	5.8	888
	5-25	3.4			35.3						34.3	23.1	5.6	893
	5-28	3.0			30.1						32.1	27.7	7.2	869
	5-31	1.0			23.0						33.7	26.5	7.1	894
	6-14	1.1			27.7						45.7	25.5	7.5	887
	6-17	1.0			28.1						46.0	24.9	7.5	911
	6-21	1.4			26.1						40.6	22.6	7.2	889
	6-23	3.9			41.6						32.7	21.9	6.4	931
TOTALS		2.7			34.0						37.6	24.8	6.9	7132

FEDERAL BUREAU OF SURVEY
 NATIONAL CENTER FOR ENVIRONMENTAL DATA
 AIR WEATHER SERVICE/MAO

SKY COVER

STATION WISCONSIN LAKE APT CH PERIOD 73-84 MONTH JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL OBSERVATIONS	
		0	1	2	3	4	5	6	7	8	9			10
73-77	4.6				45.9						3.3	19.2	5.1	431
78-82	1.9				35.6						17.2	22.1	5.7	491
76-80	2.8				34.2						36.7	24.2	6.9	644
79-83	.8				23.5						43.6	22.2	7.1	441
74-78					27.4						49.9	2.8	7.6	626
75-79	.2				27.7						54.5	17.6	7.5	635
73-81	.4				34.9						46.3	15.4	7.2	622
71-83	1.5				42.9						39.1	15.5	8.5	649
TOTALS		1.5			35.7						42.7	20.1	5.9	669

JOINT CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAD

SKY COVER

1950 GOLD LAKE APT CA 73-81

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS PER HOUR	TOTAL OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	10-22	11.7			55.7						23.2	18.4	6.4	894
	10-25	3.6			42.9					35.4	18.1	6.3	279	
	10-28				47.4					35.9	17.6	6.5	263	
	10-31	2.2			39.8					39.3	19.7	6.6	271	
	11-14				39.0					47.5	18.5	7.1	263	
	11-17	.6			46.0					45.4	14.1	6.9	281	
	11-20	1.6			42.0					44.7	12.1	6.5	262	
	11-23	1.5			45.2					32.8	15.6	6.2	287	
TOTALS		22			41.3					38.5	17.1	6.4	299	

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/MAC

SKY COVER

7-12-60 GOLD LAKE APT CA 73-81 425

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN PERCENTAGE TOTAL SKY COVER	TOTAL OBSERVATIONS
		0	1	2	3	4	5	6	7	8	9			10
AUG	0-22	13.5			53.2					23.5	19.9	2.2	69
	3-15	9.9			37.6					31.3	19.2	3.9	72
	6-18	2.8			39.2					28.8	19.2	5.6	69
	9-11	2.0			37.2					42.5	15.2	5.2	69
	12-14	0.5			32.9					48.4	19.9	7.2	68
	16-17	1.2			34.3					48.3	16.4	7.0	69
	19-21	1.7			41.5					41.5	15.2	6.5	68
	21-23	6.9			48.8					28.2	16.3	5.5	92
TOTALS		35.5			39.1					37.6	17.9	6.4	714

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

7-12-60 GOLD LAKE APT CA STATION NAME

73-52

SEE

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN		TOTAL
		0	1	2	3	4	5	6	7	8	9	10	10		10
5-22	21.4				25.7						19.2	35.6	5.7	26.3
3-5	19.1				10.5						15.5	31.6	5.8	27.4
2-8	3.4				34.7						31.5	32.5	4.9	23.2
7-11	2.7				33.2						32.3	31.4	7.1	27.5
11-14	2.3				29.8						42.5	26.9	7.2	26.3
12-17	1.6				33.8						38.6	25.9	7.1	27.1
6-2	7.2				37.7						36.5	23.8	5.8	26.5
1-23	14.2				33.9						21.6	32.3	5.2	28.2
TOTALS	6.4				32.8						29.9	28.9	6.6	29.2

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

SKY COVER 8

11210 GOLF LAKE API GN
STATION

11-84

101

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST.	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN PERCENTAGE	TOTAL OBSERVATIONS	
		0	1	2	3	4	5	6	7	8	9			10
001	0-02	1.0			21.5						22.9	35.8	5.8	88
	0-1	17.0			17.0						17.5	35.1	6.2	870
	0-5	2.7			23.1						27.4	26.7	7.1	187
	7-11	1.3			27.8						52.3	27.7	7.5	914
	12-14	1.4			23.4						42.3	24.4	7.1	228
	15-17	1.5			23.4						42.3	24.1	7.1	214
	18-20	4.3			42.4						22.7	23.3	5.4	920
	21-23	14.9			31.8						23.8	29.5	5.2	912
TOTALS		7.8			32.4						32.1	27.7	6.6	7111

UNITED STATES AIR FORCE
 WASHINGTON, D. C.
 METEOROLOGICAL SERVICE

SKY COVER

STATION: WASHINGTON METEOROLOGICAL SERVICE
 DATE: 12-1-64

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

MONTH	NO. OF OBS.	PERCENTAGE FREQUENCY OF OCCURRENCE OF TOTAL SKY COVER			
		0-24	25-49	50-74	75-100
JAN	282	15.3	32.3	32.3	19.8
FEB	281	14.3	33.1	32.1	18.5
MAR	282	15.3	32.3	32.3	19.8
APR	281	14.3	33.1	32.1	18.5
MAY	281	14.3	33.1	32.1	18.5
JUN	281	14.3	33.1	32.1	18.5
JUL	281	14.3	33.1	32.1	18.5
AUG	281	14.3	33.1	32.1	18.5
SEPT	281	14.3	33.1	32.1	18.5
OCT	281	14.3	33.1	32.1	18.5
NOV	281	14.3	33.1	32.1	18.5
DECEMBER	281	14.3	33.1	32.1	18.5
TOTALS	3369	14.9	32.2	32.0	18.5

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/PAC

SKY COVER

12-00 SAGE LAKE API CA
STATION STATION NAME

73-52

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS:

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										TOTAL OBSERVATIONS		
		0	1	2	3	4	5	6	7	8	9			
12-00	10.0				22.6						12.3	43.1	5.6	891
12-05	1.0				22.4						10.4	42.7	5.8	722
12-10	1.0				22.3						11.7	44.4	7.1	722
12-11	2.0				2.1						13.7	43.7	5.2	891
12-14	1.0				22.7						13.3	41.3	7.2	892
12-17	2.0				22.1						11.2	37.7	1.5	927
12-20	1.0				24.9						11.2	31.8	7.1	922
12-27	15.5				2.2						19.2	45.1	5.8	924
TOTALS		0.7			27.3						24.4	42.7	7.2	7194

USAFETAC

FORM 0-9 5 (OL A)
 JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL METEOROLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

7 12 7 72-82
 STATION NAME: GOLF LAKE APT CA PERIOD: ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS	TOTAL OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	22.3			21.7						23.7	26.3	22.7	7172
FEB		22.6			22.7						24.5	34.2	22.5	6974
MAR		22.8			22.1						27.2	22.3	22.5	7227
APR		22.8			21.9						22.5	22.5	22.7	6884
MAY		22.7			34.2						37.5	24.5	22.2	7132
JUN		22.2			35.7						42.7	22.1	22.2	669
JUL		22.2			41.7						32.2	17.1	22.4	699
AUG		22.5			32.1						37.5	17.9	22.4	7141
SEP		22.4			22.6						25.9	22.9	22.6	6925
OCT		22.2			22.4						22.1	27.7	22.5	7211
NOV		22.2			22.9						24.2	36.2	22.5	6977
DEC		22.7			22.3						24.4	42.7	22.2	7194
TOTALS	7.6				22.1						31.2	29.2	22.7	63929

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

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

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

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

Continued on Reverse

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

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

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

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 712 COLD LAKE APT CN
 STATION NAME

DAILY TEMPERATURES

73-82

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP. °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
85						1.7	3.3	2.3	.7				.1
80				1.0	1.9	7.6	13.5	9.0	2.3	.3			3.0
75				3.0	7.8	18.9	36.2	21.3	6.7	.6			7.9
70				6.0	12.3	40.2	57.4	41.3	17.3	4.5			16.6
65				11.0	37.5	59.5	83.2	61.0	29.3	5.2	.3		23.9
60				19.0	56.0	86.3	95.4	79.0	49.3	15.2			33.3
55				31.7	74.8	97.9	100.0	94.2	59.0	29.7	2.3		41.6
50			3.9	47.3	89.0	100.0		99.4	85.3	50.6	5.4		48.4
45	.6	1.8	11.6	65.0	94.5			100.0	94.7	70.0	10.7	.6	54.2
40	1.9	8.5	25.5	76.7	97.1				97.7	80.0	19.1	1.6	59.1
35	6.8	22.0	39.0	86.3	98.7				99.0	91.9	38.1	6.8	65.7
30	13.9	31.6	55.2	93.0	100.0				99.3	97.7	51.2	14.2	71.4
25	20.6	38.3	68.1	94.7					99.7	99.0	62.2	28.4	76.0
20	24.2	44.7	78.1	97.0					100.0	100.0	71.6	39.0	79.6
15	35.2	53.9	87.4	98.3							82.6	49.7	84.0
10	47.7	66.7	94.2	100.0							88.6	62.3	88.3
5	57.4	73.8	97.7								93.6	73.5	91.4
0	65.2	80.5	99.7								98.0	80.0	93.6
-5	73.5	88.7	100.0								99.3	86.6	95.7
-10	82.9	95.4									100.0	91.9	97.5
-15	91.6	99.6										95.5	98.9
-20	97.4	100.0										98.4	99.6
-25	100.0											99.4	99.9
-30												100.0	100.0
MEAN	3.0	17.4	30.0	48.3	51.1	67.7	71.9	67.6	59.8	49.2	28.2	13.5	43.6
NO. OF DAYS	16.9	16.8	12.1	3.3	9.9	7.6	6.7	6.6	10.1	10.4	14.1	15.3	25.2
TOTAL HOURS	315	282	317	300	309	291	304	310	300	310	299	310	3535

1
2

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
7-1200 COLD LAKE APT CN
STATION STATION NAME

DAILY TEMPERATURES

73-82

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
65							.3						.3
60						1.7	5.3	2.6					3.4
55					1.6	11.2	32.6	19.4	.3				34.4
50				1.7	9.4	40.2	76.0	49.7	6.3	.3			15.3
45				4.3	28.2	74.2	95.7	77.7	30.7	3.2			26.1
40				9.3	49.8	89.7	99.7	89.0	59.7	12.3			34.1
35				23.0	76.1	98.6	100.0	98.1	32.3	33.9	2.0		42.0
33	.3	.7	1.6	29.7	92.8	100.0		99.0	89.0	44.2	2.7		45.9
30	1.0		4.5	51.3	92.2			100.0	96.3	66.8	9.4	.6	52.0
25	3.9	3.9	14.8	77.3	97.7				99.2	86.5	25.1	2.9	59.3
20	5.5	9.9	25.2	88.3	100.0				99.7	93.2	41.1	6.1	64.0
15	10.3	18.6	43.5	92.3					100.0	99.1	54.8	13.9	69.0
10	16.1	28.7	58.4	93.3						100.0	67.2	24.2	74.3
5	26.1	35.8	68.1	95.0							76.3	41.6	78.7
0	36.5	48.2	79.4	96.3							82.9	55.2	83.2
-5	43.2	58.5	85.5	98.0							88.3	62.9	86.4
-10	51.9	70.2	90.0	99.3							94.2	72.9	89.9
-15	64.2	80.5	95.2	99.7							97.7	81.0	93.0
-20	73.2	86.9	97.4	100.0							99.3	87.7	95.4
-25	82.6	91.8	99.7								100.0	91.3	97.1
-30	91.9	97.2	100.0									95.6	95.7
-35	96.1	98.9										98.4	99.4
-40	98.7	99.6										99.4	99.6
-45	99.7	100.0										100.0	100.0
-50	100.0												100.0
MEAN	-7.8	-1.5	10.0	28.5	39.8	47.6	52.3	48.6	40.6	31.7	13.9	-1.4	25.2
S.D.	17.077	16.034	13.778	10.785	7.285	5.878	4.645	6.375	6.305	7.047	13.368	15.175	23.539
TOTAL OBS	310	282	310	300	309	291	304	310	300	310	299	310	3635

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 711200 COLD LAKE APT CN
 STATION NAME

DAILY TEMPERATURES

73-87

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM DAILY OBSERVATIONS

MEAN

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
75						.3	.7	.6					.1
70					.3	2.7	5.9	5.2					14.0
65				1.3	2.3	14.4	33.6	20.6	1.7				50.2
60				2.7	12.6	34.4	72.7	41.9	9.7	.6			76.1
55				7.0	33.7	70.4	96.4	71.9	29.3	4.8			83.2
50				13.3	55.3	94.2	100.0	90.3	57.3	12.9			85.2
45				27.3	79.3	99.7		97.1	82.7	31.0	1.7		43.2
40	.3	.4	2.9	46.3	93.5	100.0		100.0	94.3	56.1	7.0		50.1
35	1.0	2.8	11.6	71.7	96.1				98.7	80.3	13.7	1.0	56.5
30	4.2	9.2	28.4	86.0	98.7				99.0	91.6	29.8	3.2	62.6
25	9.0	19.1	42.9	92.0	100.0				99.3	90.5	48.2	9.0	68.1
20	14.8	29.4	55.8	93.0					100.0	100.0	60.5	19.4	72.6
15	22.3	40.1	69.7	94.0							71.6	34.2	77.7
10	31.3	46.1	80.6	97.0							79.3	46.5	81.8
5	42.6	57.4	87.7	98.7							96.3	59.4	86.1
0	49.4	67.4	91.6	100.0							91.6	59.4	89.1
-5	59.0	77.0	96.1								95.3	76.5	92.0
-10	69.4	83.0	99.7								99.0	83.5	94.6
-15	78.4	91.1	100.0								99.7	90.6	96.6
-20	88.7	96.5									100.0	94.5	98.3
-25	95.2	99.6										96.8	99.3
-30	98.4	100.0										99.0	99.0
-35	99.7											99.7	99.9
-40	100.0											100.0	100.0
MEAN	2.1	0.0	23.2	38.7	53.7	57.9	62.4	58.3	50.5	40.7	21.2	6.1	34.6
S.D.	16.874	16.101	12.450	11.484	7.687	5.746	4.740	6.797	7.129	8.090	13.466	15.027	24.226
TOTAL OBS	310	282	310	300	307	291	304	310	300	310	299	310	3635

1
2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

71220 COLD LAKE APT ON
STATION NAME

73-82

YEAR

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	A MONTHS
73	45	47	51	54	62	67	65	63	73	56*	30	27	27
74	29	38	37	75	73	87*	88	85	70	74	54	42	* 28
75	35	46	42	62*	71	80	67	76	77	78	66	41	27
76	44	42	51	71	80	80	80	92	77	64	59	39	22
77	37	44	46	62	77	84	84	75	70	64	41	25	24
78	30	45	50	70	81	88	82	84	77	73	57	37	28
79	30	14	50	54	79	82	88	86	81	70	57	39	28
80	40	39	46	84	82	82	82	79	81	81	54	46	24
81	37	45	54	66	77	77	65	91	88	63	57	39	21
82	16	43	41	68	75*	86*	81	75	75	72	37	30	* 25
MEAN	35.2	40.3	47.0	69.8	78.4	83.0	84.4	81.8	77.5	69.5	53.6	36.5	66.2
S D	8.728	9.684	5.395	9.004	3.167	3.775	2.825	5.095	4.952	7.663	9.029	6.868	3.371
TOTAL OBS	31	282	310	300	309	291	304	310	300	310	299	310	3635

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701200 COLD LAKE APT CN

73-82

JAN
 MONTH

STATION

STATION NAME

YEARS

PAGE 1 0000-0200

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
47/39				.1														1	1																
47/37		.1	.2															3	3																
47/35		.1	.8	.6														13	13	1															
34/33		.6	.6	.1														11	11	6															
47/31		1.0	.6															14	14	18	4														
47/29	.1	.8	.3															11	11	17	2														
47/27		.7	.9															14	14	12	16														
47/25		.9	.1															9	9	5	11														
47/23	.1	.7																7	7	13	17														
47/21	.6	.7																11	11	14	11														
47/19	.5	1.9																21	21	14	14														
47/17	1.4	2.3																32	32	36	11														
47/15	1.4	2.0																30	30	25	26														
47/13	2.7	1.5																37	37	36	44														
47/11	1.5	1.8																29	29	27	28														
47/9	2.7	2.9																50	51	45	27														
47/7	1.8	2.1																35	35	38	28														
47/5	1.2	1.6																27	27	27	34														
47/3	1.5	2.5																35	35	40	24														
47/1	1.4	2.8																37	37	41	31														
47/-1	2.5	.3																26	26	28	38														
47/-3	2.5	.3																25	25	26	24														
47/-5	2.4	.5																34	34	33	41														
47/-7	2.5	.5																36	36	36	17														
47/-9	2.4																	30	30	31	20														
47/-11	2.4																	48	48	46	22														
47/-13	2.9																	26	26	26	23														
47/-15	2.6																	34	34	34	32														
47/-17	3.0																	27	27	27	26														
47/-19	2.3																	20	20	20	29														
47/-21	3.0																	27	27	27	26														
47/-23	5.0																	44	44	44	44														
47/-25	1.5																	13	13	13	35														
47/-27	2.1																	19	19	19	28														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						± 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAF/TAC FORM 0 26 3 01A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7:1200 COLD LAKE APT CN
STATION STATION NAME

73-82
YEARS

JAN
MONTH

PAGE 2 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														
27/-29	1.7																	15	15	15	29														
31/-31	1.6																	14	14	14	31														
32/-33	.3																	3	3	3	14														
34/-35	.6																	5	5	5	14														
36/-37	.8																	7	7	7	20														
37/-39	.6																	5	5	5	17														
41/-41	.3																	3	3	3	9														
42/-43																					14														
44/-45																					4														
45/-47																					3														
TOTAL	67.0	28.7	3.5	.9														888	889	888	888														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	4755579	64143	72.2	1.744	888							
Dry Bulb	274023	-825	-9.1	7.543	889	48.2	90.1					93
Wet Bulb	257023	-1261	-1.4	6.763	888	48.8	92.1					93
Dew Point	368361	-6823	-7.8	8.841	888	58.6	93.2					93

USAFETAC FORM 0 26 3 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
 STATION STATION NAME

73-82
 YEARS

JAN
 MONTH

PAGE 1 0300-0500
 HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
37/37		.3	.2	.2														7	7																
36/35			.1	.6														6	6	3															
34/33		.2	.9	.3														13	13	4	3														
32/31	.1	.7	1.0															16	16	11	2														
30/29		.8	.3															10	10	22	2														
28/27	.3	.6	.2															10	10	17	9														
26/25	.2	.8	.2															11	11	6	11														
24/23	.1	.4	.2															7	7	10	14														
22/21	.8	1.0																16	16	16	23														
20/19	.3	.9																11	11	11	7														
18/17	1.3	1.8																29	28	34	9														
16/15	1.4	2.3																34	34	25	20														
14/13	2.7	1.8																40	40	44	52														
12/11	2.5	1.3																35	35	35	30														
10/9	2.0	2.3																39	39	31	36														
8/7	1.4	2.6																36	36	32	29														
6/5	1.3	1.8																28	28	33	27														
4/3	1.1	2.1																28	29	36	27														
2/1	1.4	1.9																30	30	27	18														
0/-1	3.6	.3																37	37	42	25														
-2/-3	2.1	.1																20	20	23	28														
-4/-5	4.2	.7																44	44	43	45														
-6/-7	3.2																	29	29	30	25														
-8/-9	3.9	.2																37	37	36	19														
-11/-11	4.5																	41	41	42	22														
-12/-13	4.3																	39	39	39	25														
-14/-15	3.6																	32	32	32	22														
-16/-17	3.0																	27	27	27	23														
-18/-19	2.5																	22	22	22	32														
-20/-21	3.6																	32	32	32	30														
-22/-23	4.1																	37	37	37	48														
-24/-25	1.6																	14	14	14	32														
-26/-27	2.3																	21	21	21	35														
-28/-29	1.6																	14	14	14	32														
Element (X)	ΣX^2	ΣX	\bar{X}	n	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 3 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7.12 JD COLD LAKE APT CN

73-32

JAN

STATION STATION NAME YEARS

PAGE 1 1300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
70/-31	1.3																							12	12	12	26										
72/-33	1.0																							9	12	9	23										
34/-35	.4																							4	5	4	18										
36/-37	.3																							3	3	3	14										
41/-39	.9																							8	8	8	15										
42/-41	.9																							8	8	8	9										
42/-43	.2																							2	2	2	10										
44/-45																												11									
46/-47																												5									
47/-49																												3									
TOTAL	77.7	25.0	3.2	1.1																				897	930	897	997										
																															897		897				
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.	483449	64957	72.4	2.068	897	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																									
Dry Bulb	287462	-1600	-1.8	7.791	900	51.0	90.3					93																									
Wet Bulb	269039	-1951	-2.2	7.191	897	51.8	92.3					93																									
Dew Point	391152	-7638	-8.5	9.093	897	59.8	92.7					93																									

USAFETAC FORM 10 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL BUREAU OF SURVEY
GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-82

JAN

STATION STATION NAME

YEARS

PERIOD 7600-1800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DEW P. INCH.	REL. HUM.	WIND S.P.	WIND DIR.	WIND S.P. (MPH)
44/41					.1																													1	1		
47/38			.1			.1	.3																											1	1		
50/37						.1																												1	1		
53/36					.2																													2	2		2
54/33			.2	.8		.1																												10	10	3	
57/31			.3	1.2																														12	12	12	2
60/29		.2	.9	.5																														14	14	13	3
63/27		.1	1.2	.3																														13	13	17	8
64/25			.7	.2																														8	8	10	5
66/23		.3	.9																															11	11	10	1
67/21		.5	.7																															10	10	15	23
67/19		.9	.8																															15	15	14	10
71/17	1.5	1.0																																18	19	22	14
71/15	1.7	1.2																																25	25	22	17
74/13	2.4	2.4																																46	46	41	36
74/11	1.4	2.2																																31	31	27	26
77/9	2.6	1.																																32	32	41	34
77/7	2.3	1.6																																34	34	26	28
77/5	1.2	1.6																																26	26	25	31
77/3	1.7	2.6																																37	34	45	23
77/1	1.2	2.8																																34	35	32	20
77/-1	2.1	.2																																20	20	26	20
77/-3	2.3	.3																																32	32	34	36
77/-5	4.3	.2																																39	39	39	34
77/-7	4.1																																36	36	36	20	
77/-9	4.5																																39	39	39	21	
77/-11	4.3																																37	38	37	28	
77/-13	4.4																																38	39	38	33	
77/-15	3.6																																23	23	23	26	
77/-17	3.5																																30	30	30	27	
77/-19	3.1																																27	27	27	21	
77/-21	3.7																																32	32	32	36	
77/-23	3.5																																30	30	30	41	
77/-25	3.2																																19	19	19	32	

USAFETAC FORM 0 26 3 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7:1230 COLD LAKE APT ON 73-82 JAN
STATION STATION NAME YEARS
PAGE 2 0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
27/-27	2.5																		23	23	23	29													
25/-29	1.4																		12	12	12	20													
27/-31	1.0																		9	9	9	23													
27/-33	1.2																		10	11	10	26													
34/-35	1.0																		9	11	9	14													
34/-37	.5																		4	4	4	24													
27/-39	.2																		2	2	2	12													
47/-41	.8																		7	7	7	9													
48/-43	.5																		4	4	4	9													
44/-45	.2																		2	4	2	9													
48/-47																						7													
47/-49																						6													
7/-51																						1													
TOTAL	72.5	23.6	3.2	.3	.3														869	578		869													

Element (X)	Σx^2	Σx	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	4623249	62535	72.0	1.769	869							
Dry Bulb	282702	-2312	-2.6	7.760	878	52.0	91.0					93
Wet Bulb	260555	-2473	-2.8	7.090	869	52.7	92.5					93
Dew Point	389176	-8052	-9.3	9.037	869	61.4	92.8					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7:12:00 COLD LAKE APT ON
STATION STATION NAME

73-82
YEARS

JAN
MONTH

PAGE 1 1900-1100
PERIOD

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
45/ 45			.1															1	1																
44/ 42			.1		.1													2	2																
42/ 41		.1			.1													2	2	1															
42/ 39				.2														2	2	2															
35/ 37				.1														1	1																
35/ 35		.1	.1															2	2	1	3														
35/ 33	.1	.3	.3	.3														10	10	7	1														
32/ 31		.1	.5															5	5	6	3														
32/ 29		.5	.5															8	8	7	2														
26/ 27		1.6	.9															22	22	10															
25/ 25	.5	1.1	.3															17	17	23	12														
24/ 23	.2	1.3																13	13	15	12														
22/ 21	1.5	.5	.1															14	14	24	15														
22/ 19	.2	.7	.1															9	9	9	23														
15/ 17	1.1	1.1	.1															21	21	20	13														
15/ 15	1.4	.9																20	21	21	25														
14/ 13	2.8	2.7																49	49	41	31														
12/ 11	1.7	2.3																35	35	30	24														
10/ 9	2.3	1.6																34	34	40	39														
9/ 7	1.7	1.7																30	30	28	24														
8/ 5	1.6	2.3																34	34	30	33														
4/ 3	1.5	2.3																33	33	42	19														
2/ 1	1.6	2.7																38	38	31	23														
2/ -1	2.7	.6																29	29	38	28														
-2/ -3	3.2	.3																31	31	36	26														
-4/ -5	4.7	.8																48	48	43	38														
-6/ -7	3.5	.1																33	33	37	20														
-8/ -9	4.3																	35	35	36	40														
-11/-11	3.5																	31	31	31	21														
-12/-13	2.8																	25	25	25	26														
-14/-15	3.5																	31	31	31	35														
-16/-17	2.8																	25	25	25	31														
-18/-19	3.6																	32	32	32	19														
-20/-21	3.5																	31	31	31	23														
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																							
D. Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0 26 3-01A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7:1200 COLD LAKE APT CV 73-82 JAN
STATION STATION NAME YEARS MONTH

PAGE 2 0900-1100
TIME PERIOD

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
-27-23	1.2																																	46	46	46	46	
-24-25	1.1																																	10	10	10	27	
-27-27	1.1																																	18	18	18	33	
-27-29	1.5																																	14	14	14	33	
-27-31	.7																																	6	6	6	23	
-27-33	1.0																																	9	9	9	21	
-24-35	.6																																	5	5	5	24	
-37-37	.6																																	5	5	5	13	
-27-39	.2																																	2	2	2	13	
-47-41	.7																																	6	6	6	13	
-42-43	.3																																	3	3	3	7	
-44-45	.1																																	1	2	1	6	
-47-47																																			1			6
-48-49																																					2	
TOTAL	77.2	25.7	3.2	.7	.2																														878	881	878	878

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.	4636305	62953	71.7	1.821	878							
Dry Bulb	270643	-1425	-1.7	7.455	881	50.5	90.9					93
Wet Bulb	250916	-1822	-2.1	6.787	878	51.9	91.8					93
Dew Point	371038	-7550	-8.6	8.683	878	61.0	92.6					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT ON
 STATION STATION NAME

73-82
 YEARS

JAN
 MONTH

PAGE 1 1200-1400
 TIME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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	.2																												3	3		
46/ 45					.7																												6	6		
44/ 43				.1																													1	1		
42/ 41				.1	.1																												2	2	1	
40/ 39				.3																													3	3	2	
38/ 37		.3	.1																														4	4	7	
36/ 35		.2	.6	.1																													8	9	6	
34/ 33		.1	.6	.8																													13	13	6	3
32/ 31	.1		1.0	.1																													11	11	11	6
30/ 29		2.0	.7	.3																													27	27	16	4
28/ 27	.1	.2	1.8	.1																													20	20	22	8
26/ 25	.9	1.8	1.0																														33	33	22	25
24/ 23	.2	2.1	.7																														27	27	37	15
22/ 21	.2	1.3																															14	14	34	24
20/ 19	.6	1.5																															18	18	20	19
18/ 17	1.0	1.9																															26	26	22	26
16/ 15	1.3	1.9	.2																														31	31	32	35
14/ 13	2.1	3.0	.1																														47	47	31	46
12/ 11	.9	2.6																															31	32	40	34
10/ 9	.3	2.4	.2																														26	26	24	23
8/ 7	1.0	3.0																															36	36	31	16
6/ 5	.8	3.3	.1																														37	37	34	28
4/ 3	.3	3.0																															30	30	43	29
2/ 1	.3	2.9																															29	29	29	29
0/ -1	3.6																																32	32	45	28
-2/ -3	2.2	1.1																															30	31	26	20
-4/ -5	3.6	2.2																															52	52	51	27
-6/ -7	2.9	1.0																															35	35	34	32
-8/ -9	3.8																																34	34	40	42
-10/ -11	3.1																																28	28	28	24
-12/ -13	3.8																																34	34	34	25
-14/ -15	4.3																																38	38	38	30
-16/ -17	2.9																																26	26	26	26
-18/ -19	2.4																																21	21	21	23
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 STATION COLD LAKE APT CN STATION NAME 73-82 YEARS JAN MONTH

PAGE 2 1200-1400 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
20/-21	2.9																		26	26	26	31													
22/-23	3.3																		29	29	29	51													
24/-25	1.1																		10	10	10	32													
26/-27	.7																		6	6	6	34													
28/-29	.3																		3	3	3	28													
30/-31																						43													
32/-33	.1																		1	1	1	19													
34/-35	.1																		1	1	1	15													
36/-37	.1																		1	1	1	5													
37/-39																						3													
40/-41																						2													
TOTAL	51.7	38.1	7.1	2.1	1.0															892		892	892												
																			890		890														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	4291422	60852	68.4	2.129	890	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	269750	3448	3.9	16.964	892	42.5	88.8					93
Wet Bulb	236826	2656	3.0	16.046	890	43.9	90.7					93
Dew Point	305969	-3915	-4.4	18.022	890	54.3	92.7					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-62 JAN
 STATION STATION NAME YEARS MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
22/-23	3.4																	31	31	71		43															
24/-25	.7																	6	5	6		30															
26/-27	.2																	2	2	2		34															
28/-29																						32															
30/-31																						19															
32/-33																						18															
34/-35																						12															
36/-37																						5															
TOTAL	44.9	2.7	9.0	2.9	.7															908		905															

USAFETAC FORM 0.26 3 101 A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Σx^2	Σx	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4140054	60272	66.6	1.806	905	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	275182	4450	4.9	16.714	908	42.1	88.0					93
Wet Bulb	236756	3496	3.9	15.715	905	42.7	91.0					93
Dew Point	296725	-3591	-4.0	17.677	905	52.8	93.0					93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 1670-2700
 STATION STATION NAME YEARS MONTH PAGE 7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															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	D.B. W.B.	Dry Bulb	Wet Bulb															
26/-27	1.5																	14	14	14	31														
28/-29	.7																	8	8	8	29														
30/-31	.2																	2	2	2	17														
32/-33																					19														
34/-35																					18														
36/-37																					40														
38/-39																					3														
40/-41																					1														
TOTAL	57.8	37.8	6.9	1.5	.1																888	889	888	888											

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	4481758	62246	70.1	11.559	888							93
Dry Bulb	57455	1987	2.2	16.880	888	44.5	89.5					93
Wet Bulb	231460	1320	1.5	16.285	888	45.2	91.5					93
Dew Point	312085	-48.7	-5.4	17.958	888	59.9	93.0					93

USAFETAC FORM 0.26.3 OL.A. PREVIOUS EDITIONS OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAJ

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
STATION STATION NAME

73-82 YEARS

JAN

PAGE 2 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
25/-27	1.9																		17	17	17	40															
27/-29	2.5																		23	23	23	41															
27/-31	.9																		8	8	8	25															
32/-33	.3																		3	3	3	12															
34/-35	.4																		4	4	4	16															
36/-37	.2																		2	2	2	22															
38/-39	.1																		1	1	1	20															
41/-41																						7															
42/-43																						4															
TOTAL	64.4	29.6	4.8	1.1																908	908	908															

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						+ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
Rel. Hum.	4787684	65282	71.7	1.638	908							
Dry Bulb	272382	414	517.304		908	45.7	90.5					43
Wet Bulb	251636	-146	-216.656		908	46.7	91.8					93
Dew Point	350958	-6244	-6.718	509	908	57.2	93.0					93

USAFETAC FORM 0-26-3 (OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 7)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7:1200 COLD LAKE APT ON 73-82 JAN
 STATION STATION NAME YEARS MONTH

PAGE 1 ALL

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
47/47				.0	.0													3	3																
47/45			.0		.1													9	9																
44/43			.0	.1	.0													12	12																
42/41		.0	.0	.1	.0													11	11	2															
40/39		.0	.0	.2	.1													23	23	5															
38/37		.1	.2	.1	.0													28	28	17															
36/35		.1	.3	.2	.0													50	57	28	5														
34/33	.0	.3	.8	.3	.0													103	103	49	7														
32/31	.0	.5	.9	.0														110	110	101	29														
30/29	.1	.9	.6	.1														122	122	129	37														
28/27	.1	.8	1.1	.0														147	148	129	62														
26/25	.3	1.2	.4															135	135	126	117														
24/23	.3	1.2	.2	.0														124	124	174	114														
22/21	.7	1.2	.1															142	142	189	149														
20/19	.5	1.3	.0															131	132	141	143														
18/17	1.1	1.5	.1	.0														199	199	212	143														
16/15	1.2	1.6	.1															210	211	192	211														
14/13	2.1	2.5	.1															336	336	289	326														
12/11	1.4	2.5	.0															283	284	252	213														
10/9	1.9	2.8	.0															336	339	329	241														
8/7	1.4	2.4																271	271	278	230														
6/5	1.1	2.0	.0															217	218	243	223														
4/3	1.2	2.6																267	269	314	211														
2/1	1.0	2.6																252	253	252	239														
0/-1	2.7	.3																214	214	265	227														
-2/-3	2.6	.5																224	226	235	213														
-4/-5	3.7	1.2																353	353	338	285														
-6/-7	3.4	.6																280	280	292	171														
-8/-9	4.1	.0																297	297	316	216														
-10/-11	4.1																	292	293	294	190														
-12/-13	3.8																	269	270	269	207														
-14/-15	3.7																	260	260	260	253														
-16/-17	3.0																	213	213	213	215														
-18/-19	2.8																	198	198	198	214														
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 71 JUN 71 0-26-3 01A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
STATION STATION NAME

73-82
YEARS

JAN
MONTH

PAGE 2 ALL

Temp. (F)	WET BULB TEMPERATURE & PRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
16/-21	3.0																	217	217	217	251														
22/-23	3.9																	275	275	275	350														
24/-25	1.5																	111	111	111	252														
26/-27	1.7																	120	120	120	264														
28/-29	1.2																	89	89	89	232														
30/-31	.7																	51	51	51	187														
32/-33	.5																	35	37	35	152														
34/-35	.4																	28	31	29	131														
36/-37	.3																	22	22	22	123														
38/-39	.3																	18	18	18	63														
40/-41	.3																	24	24	24	50														
42/-43	.1																	9	9	9	44														
44/-45	.0																	3	6	3	30														
46/-47																			1		21														
48/-49																					11														
50/-51																					1														
TOTAL	62.33	30.9	5.1	1.3	.3													7123	7147	7123	7123														

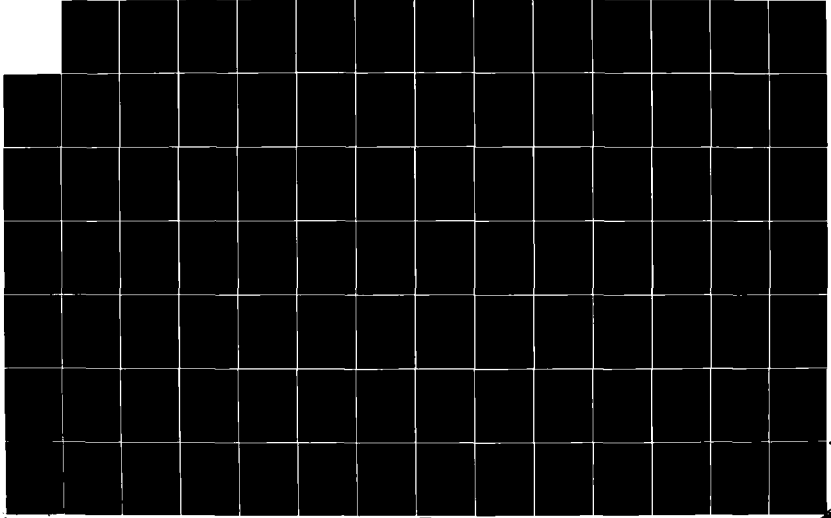
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$+ 32 F$	$+ 67 F$	$+ 73 F$	$+ 80 F$	$+ 93 F$	Total
Rel. Hum.	36550460	503360	70.6	1.979	7123							744
Dry Bulb	2189539	4387	.6	7.495	7147	376.3	719.1					744
Wet Bulb	1994211	-161	.2	16.733	7123	363.5	733.5					744
Dew Point	2785464	-48460	-6.8	18.569	7123	459.9	742.7					744

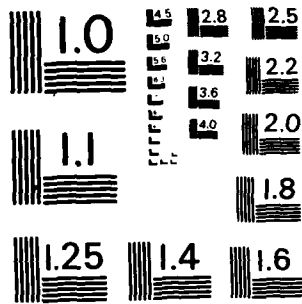
USAFETAC FORM 0-26 3-01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

AD-A128 121 COLD LAKE AIRPORT CANADA REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSER. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. MAR 83
UNCLASSIFIED USAFETAC/DS-83/007 SB1-AD-E850 371 F/G 4/2

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-82

FEB

STATION

STATION NAME

YEARS

PAGE 1 0000-0200

HO. RS MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
40/ 39					.1													1	1																
38/ 37			.5	.4														7	7																
36/ 35		.1	.7	.5	.1													12	12																
34/ 33		.1	.6															6	6	7															
32/ 31		.6	2.1	.7														28	29	16															
30/ 29	.1	2.5	1.4															32	32	17	3														
28/ 27		2.8	1.2															33	33	43	12														
26/ 25	.2	1.4	.5															17	17	32	17														
24/ 23	.6	3.1	.2															32	32	25	28														
22/ 21	.1	1.7	.2															17	17	35	30														
20/ 19	.5	2.0																20	20	18	35														
18/ 17	.4	3.1	.1															29	29	34	32														
16/ 15	.9	2.3																26	26	32	24														
14/ 13	1.7	2.5																34	34	24	44														
12/ 11	.9	3.1																32	32	22	32														
10/ 9	1.7	2.3																33	33	37	35														
8/ 7	.9	1.9																22	22	24	20														
6/ 5	1.5	3.0																36	36	30	20														
4/ 3	1.5	2.5																32	32	46	21														
2/ 1	1.1	3.1																34	34	32	17														
0/ -1	3.8	.6																36	36	41	24														
-2/ -3	3.2	.7																32	32	34	36														
-4/ -5	3.1	1.5																37	37	36	46														
-6/ -7	3.0	.1																25	25	29	30														
-8/ -9	3.6																	29	29	29	28														
-10/ -11	3.3																	27	27	27	20														
-12/ -13	3.7																	30	30	30	15														
-14/ -15	2.0																	16	16	16	23														
-16/ -17	2.3																	19	19	19	32														
-18/ -19	1.7																	14	14	14	33														
-20/ -21	1.7																	14	14	14	25														
-22/ -23	3.5																	28	28	28	40														
-24/ -25	1.1																	9	9	9	13														
-26/ -27	.6																	5	5	5	19														
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

9471 54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 STATION COLD LAKE APT CN STATION NAME 73-82 YEARS FEB MONTH
 PAGE 2 0000-0200 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-28/-29	.1																	1	1	1	15														
-30/-31	.2																	2	2	2	21														
-32/-33																					6														
-34/-35	.1																	1	1	1	5														
-36/-37	.2																	2	2	2	2														
-38/-39																					3														
-40/-41																					1														
-42/-43																					1														
-44/-45																					2														
TOTAL	49.5	1.0	7.7	1.6	.2															810	810														
																		810		810															

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	4312732	58464	72.2	0.718	810	33.9	81.3					84
Wet Bulb	220409	3885	4.8	1.793	810	34.8	83.3					84
Dew Point	243218	-1200	-1.5	1.775	810	45.6	89.0					84

9477-9432

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 FEB
 STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500
 HOURS 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																		
40/39			.1																														1	1					
38/37			.2	.2																														4	4				
36/35		.1	.4	.1																														5	5	2			
34/33		.1	.9	.2																														10	10	5	1		
32/31		.9	.7	.4																															16	16	8	1	
30/29		1.0	1.0																																16	16	15	3	
28/27	.2	2.9	1.5	.1																															39	39	22	13	
26/25	.4	1.5	.6																																20	20	34	11	
24/23	.7	2.6	.1																																	28	28	29	25
22/21	1.1	2.3																																		28	28	42	19
20/19	1.2	2.1																																		27	27	26	36
18/17	.5	3.3																																		31	31	35	20
16/15	1.0	1.8																																		23	23	27	48
14/13	1.0	1.8																																		23	23	15	39
12/11	.9	1.8																																		22	22	22	27
10/9	2.0	1.8																																		31	31	29	26
8/7	1.2	1.6																																		23	23	26	24
6/5	.9	2.2																																		25	26	20	18
4/3	2.6	1.7																																		35	35	45	19
2/1	1.5	2.1																																		29	29	27	22
0/-1	3.9	.4																																		35	35	39	28
-2/-3	3.9	.9																																		39	39	42	24
-4/-5	6.5	.1																																		54	54	54	43
-6/-7	2.6	.4																																		24	24	24	22
-8/-9	3.9																																			32	32	32	36
-10/-11	3.8																																			31	31	31	34
-12/-13	3.9																																			32	32	32	19
-14/-15	1.7																																			14	14	14	19
-16/-17	2.2																																			18	18	18	31
-18/-19	2.3																																			19	19	19	37
-20/-21	1.5																																			12	12	12	25
-22/-23	3.1																																			25	25	25	35
-24/-25	1.2																																			10	10	10	20
-26/-27	1.5																																			12	12	12	11
Element (X)	Σ X'		Σ X		Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature																														
Rel. Hum.									≤ 0 F	≤ 32 F	≤ 67 °	≤ 73 F	≤ 80 F	≤ 93 F	Total																								
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

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

9477-54121

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-82

FEB
MONTH

PAGE 2 0300-0500
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
-28/-29	1.2																	10	10	10	15				
-30/-31	.5																	4	4	4	21				
-32/-33	.1																	1	1	1	9				
-34/-35	.1																	1	1	1	13				
-36/-37	.4																	3	3	3	10				
-38/-39	.1																	1	1	1	2				
-40/-41	.2																	2	2	2	6				
-42/-43																					1				
-44/-45																					3				
-46/-47																					2				
TOTAL	59.9	33.5	5.5	1.1														815	816	815	815				
Element (K)	Z _g ²	Z _g	X	r _g	No. Obs.													Mean No. of Hours with Temperature					Total		
Rel. Hum.	4466028	59674	73.2	0.900	815													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
Dry Bulb	245646	2842	3.5	7.008	816													39.0	81.9						84
Wet Bulb	223171	2295	2.8	6.316	815													39.8	83.3						84
Dew Point	266435	-2651	-3.3	7.866	815													48.0	83.9						84

9477 9-82

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
 STATION STATION NAME

73-82
 YEARS

FEB
 MONTH

PAGE 1 0600-0800
 HOURS

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
40/39			.1	.1														2	2																
38/37			.3															2	2																
36/35		.4	.1	.3														6	6	3															
34/33		.4	1.0															11	11	4	2														
32/31		.5	.8															10	10	7	1														
30/29	.1	.8	.5	.1														12	12	18	2														
28/27	.1	1.3	1.4	.1														23	23	11	11														
26/25	.1	2.3	.3															21	21	14	8														
24/23	.1	2.1	.5															22	22	30	14														
22/21	1.1	2.6	.3															32	32	39	21														
20/19	.8	3.6																35	35	40	27														
18/17	.5	3.3																30	30	34	21														
16/15	1.0	2.3	.1															27	27	27	35														
14/13	.5	2.6																25	26	27	43														
12/11	.6	1.5																17	17	10	30														
10/9	1.3	1.1																19	20	23	43														
8/7	1.5	1.0																20	20	19	13														
6/5	1.8	2.0																30	30	26	17														
4/3	1.5	3.1																37	38	45	23														
2/1	1.6	2.1																30	31	30	13														
0/-1	3.6	.5																33	33	33	27														
-2/-3	4.9	.5																43	43	45	29														
-4/-5	5.5	.4																47	47	49	35														
-6/-7	1.9	.1																16	16	16	27														
-8/-9	4.8																	38	38	38	39														
-10/-11	4.3																	34	34	34	33														
-12/-13	2.8																	22	22	22	12														
-14/-15	2.8																	22	22	22	25														
-16/-17	3.0																	24	24	24	24														
-18/-19	2.0																	16	16	16	31														
-20/-21	1.5																	12	12	12	31														
-22/-23	3.4																	27	27	27	31														
-24/-25	1.3																	10	10	10	27														
-26/-27	1.1																	9	9	9	15														
Element (X)	Z _X ²	Z _X	X	σ _X	No. Obs.				Mean No. of Hours with Temperature						Total																				
Rel. Hum.					≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																									
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-82

FEB

PAGE 1 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
42/ 41				.1	.1													2	2																	
40/ 39				.4														3	3																	
38/ 37		.1	.5	.4														8	8																	
36/ 35		.2	.7	.4														11	11	3																
34/ 33		.4	.7	.2														11	11	14																
32/ 31		.2	2.5															22	22	14	3															
30/ 29		1.1	.6	.2														16	16	13	3															
28/ 27	.1	2.6	2.2															40	40	26	14															
26/ 25	.2	1.5	.6															19	19	26	15															
24/ 23	.4	2.6	.7															30	30	32	21															
22/ 21	.6	1.5	.5															21	21	34	29															
20/ 19	1.1	2.9	.1															33	33	34	26															
18/ 17	.4	2.1	.2															22	22	31	25															
16/ 15	.5	3.5																32	32	32	32															
14/ 13	1.0	3.1	.1															34	34	27	36															
12/ 11	.6	3.4																32	32	27	36															
10/ 9	1.1	2.1																26	26	32	40															
8/ 7	.9	2.5																27	27	25	31															
6/ 5	.6	3.0																29	29	23	19															
4/ 3	1.1	3.5																37	37	48	21															
2/ 1	.7	3.4																33	33	36	18															
0/ -1	2.7	.4																25	25	31	33															
-2/ -3	3.6	1.1																38	38	40	18															
-4/ -5	4.2	.7																40	40	38	54															
-6/ -7	2.4	.2																21	21	24	28															
-8/ -9	4.6																	37	37	37	28															
10/-11	2.4																	19	19	19	26															
12/-13	3.4																	27	27	27	30															
14/-15	2.4																	19	19	19	15															
16/-17	2.7																	22	22	22	23															
18/-19	1.2																	10	10	10	22															
20/-21	1.5																	12	12	12	21															
22/-23	2.2																	18	18	18	46															
24/-25	1.0																	8	8	8	22															
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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711230 COLD LAKE APT CN
STATION STATION NAME

73-82
YEARS

FEB
MONTH

PAGE 2 2900-1100
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
-26/-27	.6																		5	5	5	13															
-28/-29	.6																		5	5	5	12															
-30/-31	.2																		2	2	2	11															
-32/-33	.2																		2	2	2	7															
-34/-35	.2																		2	2	2	10															
-36/-37																						4															
-38/-39	.1																		1	1	1	3															
-40/-41	.1																		1	1	1	5															
-42/-43																						1															
-46/-47																						1															
TOTAL	46.1	2.3	9.7	1.7	.1														802	802	802	802															
Element (X)	Z _{x'}	Z _x	X	° _x	No. Obs.	Mean No. of Hours with Temperature					Total																										
Rel. Hum.	4091866	56668	70.7	0.300	802	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	84																									
Dry Bulb	252366	4798	6.0	6.710	802	32.9	80.3					84																									
Wet Bulb	219933	4011	5.0	5.796	802	33.8	82.2					84																									
Dew Point	238196	-1298	-1.6	7.168	802	45.4	84.0					84																									

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-82

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
46/ 45						.2												2	2																
44/ 43				.6	.6													10	10																
42/ 41			.1	.9	.5													12	12																
40/ 39			.7	.9	.5													18	18																
38/ 37			.5	2.1														21	21	6															
36/ 35		.2	.7	2.6	.2													31	31	21															
34/ 33		.1	2.5	1.8														36	36	23															
32/ 31		.2	2.5	1.2														32	32	44	5														
30/ 29		1.0	.9	.6														20	20	30	8														
28/ 27	.1	.9	2.3	.1														28	28	43	24														
26/ 25	.1	1.7	1.5	.2														29	29	25	28														
24/ 23		1.2	1.2															20	20	32	48														
22/ 21		2.1	.6															22	22	28	25														
20/ 19	.5	2.7	.9															33	33	36	21														
18/ 17	.4	2.5	.6															28	28	29	28														
16/ 15	.2	2.8	.9															32	32	31	43														
14/ 13		5.3	.6															48	48	30	48														
12/ 11	.2	3.2	.2															30	30	46	27														
10/ 9	.5	4.2																38	39	33	40														
8/ 7	.2	3.7																32	32	33	28														
6/ 5	.2	3.2																28	28	36	16														
4/ 3		2.5																20	20	32	16														
2/ 1	.2	3.2																28	28	33	44														
0/ -1	1.7	.5																18	18	19	32														
-2/ -3	1.5	1.7																26	26	29	32														
-4/ -5	2.3	2.6																40	40	32	39														
-6/ -7	2.1	1.7																31	31	31	20														
-8/ -9	2.7	.1																23	23	32	27														
-10/ -11	2.5																	20	20	20	25														
-12/ -13	1.8																	15	15	15	15														
-14/ -15	1.6																	13	14	13	28														
-16/ -17	2.0																	16	16	16	22														
-18/ -19	1.1																	9	9	9	24														
-20/ -21	.4																	3	3	3	27														
Element (X)	Z _{X'}	Z _X	X	e _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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 STATION COLD LAKE APT CN STATION NAME 73-82 YEARS FEB MONTH

PAGE 2 1200-1400 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
21-23	.2																2	2	2	38
24-25																				16
26-27																				9
28-29																				7
30-31																				3
32-33																				1
TOTAL	22.7	47.3	16.7	11.1	2.0	.2											814	816	814	814

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	3337926	51448	63.210	0.298	814		22.3	70.6				84
Wet Bulb	281219	8959	11.014	0.987	814		22.8	78.6				84
Dew Point	215083	2113	2.616	0.56	814		37.7	84.0				84

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-82

FEB

STATION STATION NAME

YEARS

PAGE

1500-1700

HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B. D.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	for Bulb	Dew Point																			
48/ 47						.2																											2					
46/ 45					.8	.5																												11				
44/ 43				.5	1.2																													14				
42/ 41				1.7	.7																													20				
40/ 39			.7	2.3	.8																													32	32			
38/ 37		.2	.5	2.3	.5																													29	29	14		
36/ 35		.4	1.0	1.7	.5																													29	29	37		
34/ 33			.6	3.3	.2																													34	34	41		
32/ 31		.4	2.3	1.4																														34	34	36 4		
30/ 29		.5	.8	.8																														18	18	29 13		
28/ 27	.1	.8	1.8	1.2																														33	33	45 37		
26/ 25		1.0	1.4	.2																														22	22	21 33		
24/ 23		1.7	1.3																															25	25	36 32		
22/ 21	.1	2.3	.4																															23	23	43 28		
20/ 19	.2	1.7	1.1																															25	25	23 38		
18/ 17	.1	2.9	1.8																															40	40	29 32		
16/ 15		1.3	.7																															17	17	30 40		
14/ 13	.1	7.6	1.4																															76	76	30 46		
12/ 11	.1	2.5	1.0																															30	30	50 31		
10/ 9	.4	2.7	.2																															27	27	36 36		
8/ 7	.1	3.4																																29	29	35 23		
6/ 5	.1	1.8																																16	16	26 16		
4/ 3	.1	3.7																																32	32	25 29		
2/ 1		1.9																																16	16	28 42		
0/ -1	2.2	.8																																25	25	28 38		
-2/ -3	.7	1.9																																22	22	27 25		
-4/ -5	1.7	4.1																																48	48	29 37		
-6/ -7	1.2	1.4																																22	22	31 31		
-8/ -9	3.1																																	26	26	36 17		
-10/ -11	1.9																																	16	16	16 22		
-12/ -13	2.2																																	18	18	18 14		
-14/ -15	1.4																																	12	12	12 31		
-16/ -17	.8																																	7	7	7 27		
-18/ -19																																					33	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																																
Rel. Hum.						$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	Total																										
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7:1200 COLD LAKE APT CN
STATION STATION NAME

73-82
YEARS

FEB

PAGE 1 1500-1700

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. Diff.	TOTAL														
20/-21																																	
22/-23																																	
24/-25																																	
26/-27																																	
28/-29																																	
30/-31																																	
TOTAL	16.9	45.1	17.1	15.4	4.8	.7												830															

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.	3100279	49945	60.2	10.697	830							84
Dry Bulb	429944	12924	15.6	16.608	830	19.8	66.6					84
Wet Bulb	321269	10797	13.0	14.769	830	20.6	74.7					84
Dew Point	219031	3159	3.8	15.802	830	15.4	84.0					84

USAFETAC FORM 10-71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/LMAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-87 FEB
 STATION STATION NAME YEARS MONTH
 PAGE 1 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
44/ 43					.1													1	1																
42/ 41				.4														3	3																
40/ 39			.1	1.3	.3													13	13																
38/ 37		.1	1.1	1.5														22	22																
36/ 35		.4	1.8	1.3														27	27	9															
34/ 33		.3	2.6	.5														27	27	32															
32/ 31		.8	2.5	.4	.1													30	30	29	4														
30/ 29		.9	2.4	.5														30	30	30	7														
28/ 27		1.0	3.5	.3														38	38	36	21														
26/ 25	.1	1.4	.9	.1														20	20	38	32														
24/ 23		1.9	1.4															26	26	29	26														
22/ 21	.3	1.5	.6															19	19	33	40														
20/ 19	.6	2.9	.9															35	35	33	27														
18/ 17	.8	2.1	.4															26	26	30	42														
16/ 15	.3	3.0																26	26	28	29														
14/ 13		5.0	.5															44	44	28	27														
12/ 11		4.0	.4															35	35	32	31														
10/ 9	.4	3.5																31	31	36	41														
8/ 7	.5	3.5																32	32	36	21														
6/ 5	.5	4.1																37	37	30	26														
4/ 3	.5	2.4																23	23	46	26														
2/ 1	.1	4.3																35	35	37	27														
0/ -1	1.9	.4																18	18	24	36														
-2/ -3	1.8	1.6																27	27	26	25														
-4/ -5	1.8	2.4																33	33	26	47														
-6/ -7	1.9	.8																21	21	25	30														
-8/ -9	3.8																	30	30	34	24														
-10/ -11	3.4																	27	27	27	14														
-12/ -13	2.6																	21	21	21	22														
-14/ -15	1.6																	13	13	13	25														
-16/ -17	1.5																	12	12	12	25														
-18/ -19	1.3																	10	10	10	27														
-20/ -21	.3																	2	2	2	30														
-22/ -23	.4																	3	3	3	24														

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

USAFETAC FORM 0-76-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7:1200 STATION COLD LAKE APT CN STATION NAME 73-82 YEARS FEB MONTH

PAGE 2 1870-2067
NO. HS 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																																					14
-26/-27																																					19
-27/-29																																					4
-27/-31																																					3
TOTAL	25.1	48.2	19.1	6.1	.5																																

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	3540675	52491	65.9	0.247	797							
Dry Bulb	312961	9357	11.7	5.974	797	22.9	74.2					84
Wet Bulb	252236	8008	10.0	4.690	797	23.5	79.7					84
Dew Point	206714	1838	2.3	5.949	797	39.0	89.0					84

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 FEB
 STATION STATION NAME YEARS MONTH
 PAGE 1 2100-2300
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
42/ 41																		1	1		
41/ 39			.1	.1														2	2		
36/ 37			.2	.1														3	3		
36/ 35		.2	.6	.7	.1													14	14	2	
34/ 33		.4	2.3	.6														27	27	6	
32/ 31		1.0	3.0															33	33	19	2
30/ 29	.1	1.3	2.2															30	30	36	4
28/ 27	.4	2.8	1.2															36	36	39	17
26/ 25		2.8	1.0															31	31	34	22
24/ 23	.4	3.0	.6															33	33	39	28
22/ 21	.4	1.7	.2															19	19	34	42
20/ 19	.7	2.2	.1															25	25	29	32
18/ 17	.2	2.8	.2															27	27	29	33
16/ 15	.8	2.8																30	30	38	38
14/ 13		4.9																40	40	20	36
12/ 11	.4	2.7																25	25	36	26
10/ 9	.6	3.5																34	34	20	35
8/ 7	1.0	3.2																34	34	36	27
6/ 5	.2	3.9																34	34	33	17
4/ 3	.6	4.2																40	40	54	31
2/ 1	.6	3.2																31	31	32	20
0/ -1	3.5	.4																32	32	42	26
-2/ -3	2.7	1.1																31	31	31	34
-4/ -5	3.8	1.5																43	43	36	55
-6/ -7	1.9	.6																21	21	27	33
-8/ -9	3.4																	28	28	30	35
-10/-11	2.4																	20	20	20	18
-12/-13	2.9																	24	24	24	19
-14/-15	1.9																	16	16	16	30
-16/-17	2.2																	18	18	18	21
-18/-19	2.3																	19	19	19	29
-20/-21	1.1																	9	9	9	21
-22/-23	1.5																	12	12	12	37
-24/-25	.1																	1	1	1	11
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) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 STATION COLD LAKE APT CN STATION NAME 73-82 YEARS FEB MONTH
 PAGE ? 2100-2300 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																
26/-27	.1																																		1	1	1	15
26/-29																																						19
30/-31																																						8
22/-33																																						2
36/-37																																						1
TOTAL	36.3	50.0	1.9	1.6	.2																																	824
																																						824

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

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	4153679	57891	70.3	0.251	824							84
Dry Bulb	268169	7193	8.7	5.797	824	28.0	79.2					84
Wet Bulb	228593	6235	7.6	4.847	824	29.2	83.0					84
Dew Point	218253	717	0.9	6.259	824	42.2	88.0					84

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 FEB
STATION STATION NAME YEARS MONTH

PAGE 1 ALL
HOURS U.S. TIME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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						.0												2	2																
46/ 45					.1	.1												13	13																
44/ 43				.1	.2													25	26																
42/ 41			.0	.4	.2													38	38																
40/ 39			.2	.6	.2													72	72																
38/ 37		.1	.5	.9	.1													96	96	22															
36/ 35			.3	.8	.9	.1												135	135	77															
34/ 33		.2	1.4	.8	.0													162	162	134	3														
32/ 31		.6	2.0	.5	.0													205	205	175	20														
30/ 29	.0	1.1	1.2	.3														174	174	188	43														
28/ 27	.1	1.9	1.9	.2														270	270	265	146														
26/ 25	.2	1.7	.8	.1														179	179	226	166														
24/ 23	.3	2.3	.8															216	216	252	222														
22/ 21	.5	2.0	.4															181	181	298	234														
20/ 19	.7	2.5	.4															233	233	239	242														
18/ 17	.4	2.8	.4															233	233	251	233														
16/ 15	.6	2.5	.2															213	213	245	289														
14/ 13	.5	4.1	.3															324	325	201	319														
12/ 11	.5	2.8	.2															223	223	255	240														
10/ 9	1.0	2.7	.0															239	241	248	296														
8/ 7	.8	2.6																219	219	234	187														
6/ 5	.7	2.9																235	236	224	149														
4/ 3	1.0	3.0																256	257	341	186														
2/ 1	.7	2.9																236	237	255	203														
0/ -1	2.9	.5																222	222	257	244														
-2/ -3	2.8	1.2																258	258	274	224														
-4/ -5	3.6	1.7																342	342	300	356														
-6/ -7	2.1	.7																181	181	206	221														
-8/ -9	3.7	.0																243	243	268	234														
-10/ -11	3.0																	194	194	194	192														
-12/ -13	2.9																	189	189	189	146														
-14/ -15	1.9																	125	126	125	196														
-16/ -17	2.1																	136	136	136	205														
-18/ -19	1.5																	97	97	97	236														
Element (X)	ΣX^2	ΣX	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total																						
Rel. Hum.							≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																						
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-62 FEB
STATION STATION NAME YEARS MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
-20/-21	1.0																	64	64	64	197	
-22/-23	1.8																	115	115	115	285	
-24/-25	.6																	38	38	38	132	
-26/-27	.5																	32	32	32	111	
-28/-29	.4																	24	24	24	88	
-30/-31	.3																	17	17	17	87	
-32/-33	.2																	10	10	10	35	
-34/-35	.1																	7	7	7	36	
-36/-37	.1																	7	7	7	28	
-38/-39	.0																	2	2	2	16	
-40/-41	.1																	5	5	5	23	
-42/-43	.0																	1	1	1	5	
-44/-45																					7	
-46/-47																					5	
-48/-49																					1	
TOTAL	39.5	2.8	1.6	4.9	1.0	.1												6488	6488	6488		

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	31370798	444972	68.6	1.466	6488							
Dry Bulb	2358314	54200	8.3	1.131	6488	239.0	615.7					672
Wet Bulb	1964781	45561	7.0	1.924	6488	245.3	647.9					672
Dew Point	1881891	-743	-1.1	7.032	6488	342.8	671.7					672

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 MAR MONTH
STATION YEARS

PAGE 2 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			
-26/-27																					3			
-28/-29																					7			
-30/-31																					1			
TOTAL	27.0	57.2	13.6	1.9	.3													904		904				
																	904		904					

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5185838	67686	74.9	1.428	904	+ 10 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total
Dry Bulb	409764	15246	16.9	13.001	904	13.6	85.7					93
Wet Bulb	353490	14032	15.5	12.258	904	14.2	89.8					93
Dew Point	265033	9121	10.1	13.842	904	21.7	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
 STATION STATION NAME

73-82
 YEARS

YEARS

MAR
 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														
40/39			.2		.2													4	4																
38/37		.1	.1	.4														6	6																
36/35		.3	.7															9	9	3															
34/33		1.3	.7	.2														20	20	12															
32/31	.3	1.5	2.7	.3														45	45	29	11														
30/29	.5	2.4	.9															35	35	21	17														
28/27	.8	5.5	.9	.3														68	68	59	20														
26/25	1.3	2.9																39	39	66	28														
24/23	.5	4.1	.4															47	47	41	50														
22/21	2.5	3.9	.3															62	62	76	50														
20/19	2.7	2.9	.5															57	57	63	69														
18/17	.4	5.6																55	55	57	59														
16/15	2.6	3.1	.1															53	53	60	45														
14/13	3.2	4.7	.1															73	73	61	92														
12/11	1.5	3.1																42	42	44	58														
10/9	1.7	1.9	.1															34	34	39	56														
8/7	1.6	1.7																31	31	32	35														
6/5	1.5	1.3																26	26	33	32														
4/3	1.0	1.1																19	19	23	26														
2/1	1.0	1.7																25	25	24	30														
0/-1	2.3	.2																23	23	26	25														
-2/-3	2.1	.3																22	22	24	16														
-4/-5	2.0	1.1																28	28	24	23														
-6/-7	1.4	.1																14	14	18	15														
-8/-9	2.2																	20	20	20	19														
10/-11	1.2																	11	11	11	21														
12/-13	1.6																	15	15	15	12														
14/-15	.7																	6	6	6	22														
16/-17	.5																	5	5	5	21														
18/-19	1.0																	9	9	9	13														
20/-21	.7																	6	6	6	10														
22/-23	.7																	6	6	6	13														
24/-25	.1																	1	1	1	2														
26/-27																					10														
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) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-82

MAR
 MONTH

PAGE 1 0600-0800
 HOURS U.S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
47/39				.1													1	1		
38/37		.1	.3	.7													10	10		
36/35		.4															4	4	2	
34/33		1.6	1.1														24	24	13	1
32/31		1.9	1.7	.4													36	36	28	7
31/29	.4	1.9	.7	.2													29	29	23	15
28/27	.8	3.2	.8														43	43	40	22
26/25	1.6	3.9	.2														51	51	50	31
24/23	.8	2.8	.2														34	34	53	39
22/21	1.6	3.5	.3														48	48	54	43
20/19	1.8	3.5	.2														49	49	48	39
18/17	2.6	5.6	.1														74	74	75	50
16/15	2.0	3.7															51	51	58	72
14/13	2.9	4.8															69	69	63	67
12/11	2.7	2.2															44	44	44	67
10/9	2.0	1.7															33	33	37	69
8/7	.7	2.1															25	25	20	37
5/5	1.7	2.6															38	38	37	25
4/3	1.6	1.7															29	29	37	13
2/1	1.6	1.9															31	31	37	34
1/ -1	2.1																19	19	23	30
-2/ -3	1.7	.7															21	21	19	23
-4/ -5	2.0	1.5															31	31	27	32
-6/ -7	1.0	.2															11	11	16	19
-8/ -9	1.8																16	16	17	15
-10/ -11	1.2																11	11	11	17
-12/ -13	1.5																13	13	13	11
-14/ -15	.9																8	8	8	16
-16/ -17	1.1																10	10	10	15
-18/ -19	1.0																9	9	9	15
-20/ -21	1.0																9	9	9	14
-22/ -23	.9																8	8	8	17
-24/ -25	.3																3	3	3	5
-26/ -27	.1																1	1	1	12
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 STATION COLD LAKE APT CN STATION NAME 73-82 YEARS MAR MONTH

PAGE 2 0600-0900 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point	
-26/-29																						5	
-30/-31																						8	
-32/-33																						3	
-34/-35																						5	
TOTAL	41.3	51.5	5.7	1.5																893	893		
																	893			893	893		

Element (X)	Σx^2	Σx	\bar{x}	σ_s	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.						≤ 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	5500147	69361	77.7	1.243	893							93
Dry Bulb	316249	11411	12.8	3.823	893	17.7	88.9					93
Wet Bulb	282920	10618	11.9	3.253	893	18.1	91.4					93
Dew Point	242224	6254	7.0	4.915	893	27.3	92.9					93

USAFETAC FORM 0-26 3 (01 A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-62

MAP

PAGE 1 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
37/49					.1																											1	1			
44/47				.1	.1																											2	2			
46/45				.1	.2																											3	3			
44/43			.1	.4	.8																											12	12	1		
42/41			.2	1.0	.2	.1																										14	14	1		
40/39			.4	1.4	.9																												24	24	4	
37/37	.1	.2	1.0	1.3	.2																												26	26	9	
36/35		.3	1.7	1.0	.3																												30	30	27	3
34/33		.7	2.6	.6																													34	34	39	7
32/31	.1	2.1	4.6	1.0																													70	70	46	13
37/29	.2	2.2	2.1	.1																													42	42	46	23
27/27	.9	2.9	2.7	.1																													59	59	74	54
27/25	.2	3.3	1.4																														45	45	51	42
24/23	.2	4.0	1.9																														55	55	55	44
22/21		2.8	.7																														31	31	54	49
20/19	.7	3.1	.9																														42	42	49	56
19/17	.4	4.9	.4																														52	52	54	69
16/15	1.0	3.4	.3																														43	43	57	45
14/13	.8	4.8	.8																														57	57	40	67
12/11	.3	3.4	.2																														36	36	42	47
10/9	1.2	3.0	.2																														40	40	41	65
8/7	.3	3.0	.1																														31	31	32	36
6/5	.6	1.9																															22	22	32	36
4/3		1.9																															17	17	23	26
2/1		1.6																															14	14	18	32
0/-1	1.2	.3																															14	14	16	17
-2/-3	1.1	.9																															18	18	20	18
-4/-5	.7	1.2																															17	17	15	19
-6/-7	.9	.7																															14	14	14	16
-8/-9	1.0																																9	9	12	17
-10/-11	1.2																																11	11	11	16
-12/-13	.6																																5	5	5	19
-14/-15	.7																																6	6	6	15
-16/-17	.3																																3	3	3	8
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

FORM 0-26 3 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7:1200 COLD LAKE APT CN 73-02 MAR
 STATION STATION NAME YEARS
 PAGE 2 1200-1400
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																				
14/-15																																								13	
16/-17																																									11
18/-19																																									5
20/-21																																									2
22/-23																																									2
TOTAL	2.7	51.4	84.8	15.9	10.2	4.0	1.0																													899	900			899	

USAFETAC FORM 0 26 3 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	3275685	52965	58.9	3.148	899							
Dry Bulb	777842	23776	26.4	2.906	900	2.7	59.9					93
Wet Bulb	571443	20345	22.6	1.119	899	3.7	72.5					93
Dew Point	300984	12054	13.4	2.458	899	15.9	92.2					93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7112JD COLD LAKE APT CN

73-82

MAR

STATION

STATION NAME

YEARS

PAGE 1

1500-1700

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
52/ 51						.1	.7	.2																									9	9				
50/ 49						.9	1.5	.6																										27	27			
47/ 47						1.0	1.8	.3																										28	28			
46/ 45					.6	1.8	.8	.1																										29	29			
44/ 43					.6	2.8	1.5																											44	44			
42/ 41				.3	1.9	3.4	.1																											52	52	13		
41/ 39				.8	2.4	2.8	.1																											55	55	38		
38/ 37		.4	1.2	1.8	1.0																													40	40	42		
36/ 35		.1	.7	1.8	1.0	.3																												35	35	67		
34/ 33	.2	.7	1.9	3.3	.3																													58	58	90	4	
32/ 31		.8	4.3	2.7	.3																													73	73	58	33	
30/ 29	.1	.2	2.2	1.1	.2																													35	35	49	34	
28/ 27		.6	3.2	.7																														40	40	87	55	
26/ 25		1.2	2.8	.8																														43	44	39	56	
24/ 23		2.8	4.2	.7																														69	69	59	62	
22/ 21	.3	1.3	2.7	.1																														40	40	59	57	
20/ 19		.4	1.8	.4																														24	24	56	79	
18/ 17		1.4	2.5																															36	36	40	72	
16/ 15		1.3	1.3																															24	24	30	54	
14/ 13		2.2	2.7																															44	44	28	59	
12/ 11		1.7	1.4																															28	28	40	49	
10/ 9	.1	1.0	.4																															14	14	29	47	
8/ 7		.7	.3																															9	9	21	28	
6/ 5	.1	2.1																																20	20	10	34	
4/ 3		1.3																																12	12	22	26	
2/ 1		.8																																7	7	15	19	
0/ -1	.1	.3																																4	4	5	18	
-2/ -3		.7																																6	6	8	21	
-4/ -5																																						27
-6/ -7																																						12
-8/ -9																																						15
-10/ -11																																						12
-12/ -13																																						13
-14/ -15																																						9
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																																						

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200
 STATION

COLD LAKE APT CN
 STATION NAME

73-82
 YEARS

MAR
 MONTH

PAGE 2 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																											
-15/-17																																														4		
-16/-19																																																3
-17/-21																																																3
TOTAL	1.0	22.0	34.7	28.7	15.5	6.3	1.7	.2																											935	935	935				935		935		935		935	

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

Element (X)	Σx^2	Σx	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 60 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	2936064	50092	55.4	3.447	905							
Dry Bulb	891727	20397	28.8	2.438	906	1.0	54.3					93
Wet Bulb	632164	21968	24.3	0.460	905	1.3	67.3					93
Dew Point	304361	12745	14.1	1.753	905	14.1	92.6					93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7112JD COLD LAKE APT CV

73-82

MAR
 1973

PAGE 1 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
57/49				.1	.3	.1												5	5																
46/47				.4	.2													7	7																
46/45				.8	1.2	.2												20	20																
44/43				.7	1.8	.2												24	24																
42/41				1.7	1.1	.2												27	27	2															
47/39			.6	1.8	1.8	.3												40	40	14															
36/37		.2	2.5	2.9	.1													50	50	24															
34/35		.7	2.6	2.5	.1													52	52	48															
34/33	.3	1.1	2.1	1.1	.7													48	48	77	6														
32/31	.3	1.2	6.1	2.0	.3													89	89	90	26														
37/29	.3	1.6	2.9	.8														50	50	47	43														
27/27	.2	1.2	3.8	1.1														57	57	80	58														
26/25	.3	2.2	2.0	.1														42	42	59	55														
24/23		2.7	1.6	.1														39	39	58	60														
22/21	.6	2.5	2.1	.1														47	47	58	77														
20/19	.1	2.1	1.7															35	35	43	50														
18/17		2.0	1.7															33	33	48	62														
16/15	.1	3.1	1.8															45	45	34	43														
14/13		3.6	1.7															47	47	35	62														
12/11	.3	1.8	1.2															30	30	51	40														
10/9	.3	1.3	.2															17	17	26	59														
8/7		1.6	.2															16	16	20	41														
6/5		1.8																16	16	15	21														
4/3		2.1																19	19	23	20														
2/1		1.5																13	13	20	28														
0/-1	.4	.7																10	10	15	15														
-2/-3		1.0																9	9	9	15														
-4/-5		.4																4	4	4	30														
-6/-7		.1																1	1	2	13														
-8/-9																					14														
-10/-11																					13														
-12/-13																					16														
-14/-15																					6														
-16/-17																					6														
Element (X)	Σx^1	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 STATION COLD LAKE APT CN STATION NAME 73-82 YEARS MAR 1922-2000

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																
18/-19																																				6	
21/-21																																				6	
22/-23																																			1		
TOTAL	3.5	36.7	34.8	15.7	7.7	1.6	.1																												892	892	892
																																			892	892	

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

Element (X)	$\sum X'$	$\sum X$	\bar{X}	σ_a	No. Obs.	Mean No. of Hours with Temperature					Total	
						- 0 F	- 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
Rel. Num.	3584733	55265	62.0	3.431	892							
Dry Bulb	739388	22768	25.5	1.997	892	2.5	64.5					93
Wet Bulb	539190	19842	22.2	1.573	892	3.1	75.8					93
Dew Point	304158	12272	13.8	2.329	892	14.7	92.4					93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7:1200 COLD LAKE APT CN

73-82

MAR
 MONTH

STATION STATION NAME

YEARS

PAGE 1 2100-2300
 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
46/ 45					.1													1	1																
44/ 43				.1	.8	.1												9	9																
42/ 41			.2	.6	.1													8	8																
40/ 39			.7	.9	.3													17	17		1														
38/ 37			1.6	1.4	.1													28	28		10														
36/ 35		.4	2.4	1.6														40	40		18														
34/ 33	.2	.9	3.1	.8	.1													46	46	43	3														
32/ 31	.1	2.9	5.4	.7	.1													83	83	62	16														
30/ 29	.6	3.8	2.0	.6														62	62	66	35														
28/ 27	1.0	4.2	2.9	.1														74	74	82	52														
26/ 25	.4	4.7	1.9	.2														65	65	63	57														
24/ 23	.2	3.7	1.2															46	46	74	68														
22/ 21	2.0	1.9	.7															41	41	69	64														
20/ 19	.6	2.8	1.1															40	40	36	67														
18/ 17	.2	2.7	.8															33	33	52	52														
16/ 15	.6	3.1	.2															35	35	35	43														
14/ 13	.3	5.3	.7															57	57	30	66														
12/ 11	.5	3.2	.3															37	37	49	40														
10/ 9	.8	1.7	.6															27	27	40	43														
8/ 7	.2	1.9																19	19	19	36														
6/ 5	.3	2.0	.1															22	23	23	44														
4/ 3	.2	2.3																23	23	27	20														
2/ 1	.3	2.2																23	23	25	14														
0/ -1	1.4	.6																18	18	25	22														
-2/ -3	.6	1.1																15	15	17	23														
-4/ -5	.2	.3																5	5	4	26														
-6/ -7		1.3																12	12	9	16														
-8/ -9	.9																	8	8	13	21														
-10/ -11	.2																	2	2	2	20														
-12/ -13	.2																	2	2	2	9														
-14/ -15	.3																	3	3	3	7														
-16/ -17																					8														
-18/ -19																					11														
-20/ -21																					9														
Element (X)	Σx^1	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 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-82

MAR

STATION

STATION NAME

YEARS

PAGE 1

ALL

HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
54/ 53							.1											1	1																		
52/ 51						.0	.1	.0										10	10																		
50/ 49					.2	.3	.1											50	50																		
48/ 47				.0	.3	.4	.1											58	58																		
46/ 45				.3	.6	.2	.0											73	73																		
44/ 43			.0	.4	.8	.4												122	122	4																	
42/ 41			.2	.9	.9	.1												154	154	26																	
40/ 39	.0	.0	.5	1.0	1.1	.1												194	194	91	1																
38/ 37	.0	.2	.9	1.3	.3													199	199	126																	
36/ 35		.4	1.4	1.2	.2	.1												233	233	215	5																
34/ 33	.1	1.0	1.9	1.2	.2	.0												320	320	375	26																
32/ 31	.1	1.7	4.3	1.0	.1													529	529	402	144																
30/ 29	.4	2.2	1.8	.4	.0													352	352	360	225																
28/ 27	.6	2.9	2.1	.4														428	428	588	342																
26/ 25	.6	3.2	1.5	.2														396	397	421	365																
24/ 23	.3	3.3	1.7	.1														389	389	440	444																
22/ 21	1.1	2.8	1.4	.0														381	381	496	488																
20/ 19	1.0	2.7	1.1	.1														351	351	424	495																
18/ 17	.6	3.4	.9															352	352	443	461																
16/ 15	1.0	2.6	.7															307	307	340	395																
14/ 13	1.0	4.2	1.0															453	453	319	557																
12/ 11	.7	2.6	.6															283	283	344	377																
10/ 9	1.0	1.9	.2															226	226	296	428																
8/ 7	.6	1.8	.1															182	182	211	285																
6/ 5	.6	1.9	.0															177	179	183	273																
4/ 3	.4	1.7																152	152	204	187																
2/ 1	.4	1.6																147	147	172	196																
0/ -1	1.3	.4																122	122	156	161																
-2/ -3	.9	.7																118	118	128	150																
-4/ -5	.8	.8																116	116	102	220																
-6/ -7	.6	.4																75	75	83	134																
-8/ -9	1.0																	71	71	82	134																
-10/ -11	.5																	37	37	37	128																
-12/ -13	.6																	41	41	41	105																
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	≥ 91 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
STATION STATION NAME

73-82
YEARS

MAR
MONTH

PAGE 2

ALL
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
-14/-15	.4																																	29	29	29	105	
-16/-17	.3																																		21	21	21	83
-17/-19	.3																																		23	23	23	79
-20/-21	.2																																		17	17	17	60
-22/-23	.2																																		15	15	15	55
-24/-25	.1																																		4	4	4	21
-26/-27	.0																																		1	1	1	29
-28/-29																																						17
-30/-31																																						17
-32/-33																																						6
-34/-35																																						5
TOTAL	17.9	4.4	2.4	8.7	4.7	1.5	.3	.0																										7209	7212	7209	7209	

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_n	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	34980293	490745	68.114778		7209		71.2	598.1				744
Wet Bulb	4492542	148654	20.614075		7209		76.3	658.7				744
Dew Point	3534270	131436	18.212564		7209		156.4	740.7				744
	2227428	80466	11.213580		7209							744

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 APR
 STATION STATION NAME YEARS MONTH
 PAGE 1 0000-0000
 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
64/ 63								.1	.1									2	2																
62/ 61								.1	.5									5	5																
61/ 59								.1	.1									2	2																
57/ 57					.1	.1	.4											5	5																
56/ 55					.2	.2	.1	.2										7	7																
54/ 53			.1			.5	.1											6	6																
52/ 51		.1		.4	.5	.5	.1											13	13																
51/ 49		.1	.5	.5	1.9	.9	1.1											42	42	5	2														
48/ 47		.1	.7	.5	.7	1.1	.1											29	29	9	1														
46/ 45	.1	.5	.8	1.5	.2	.4												30	30	17	1														
44/ 43	.1	.1	.4	.6	1.1													19	19	35	5														
42/ 41		.5	.4	1.8	.2													24	24	31	14														
40/ 39	.5	1.6	.8	2.1	.5													48	48	35	8														
38/ 37	.1	1.2	4.0	1.2	.9													63	63	45	15														
36/ 35	.7	2.7	3.7	2.7	.1													85	85	63	33														
34/ 33	.4	4.0	6.1	1.2	.1													100	100	103	38														
32/ 31	1.5	4.8	7.6	1.4														131	132	108	94														
30/ 29	.7	4.8	1.8	.5														66	66	115	60														
28/ 27	.7	2.8	1.5	.1														44	44	97	122														
26/ 25	.5	1.5	.6															22	22	48	96														
24/ 23	.1	1.3	.8	.1														20	20	27	77														
22/ 21	.5	2.0	.2															23	23	29	52														
20/ 19	.2	.6																7	7	20	59														
18/ 17		.1	.1															2	2	6	44														
16/ 15		.1	.1															2	2	1	33														
14/ 13	.4	.7																9	9	7	28														
12/ 11		.8																7	7	4	10														
10/ 9	.1	.4																4	4	8	3														
8/ 7	.2	.2																4	4	2	4														
6/ 5	.2	.6																7	7	7	5														
4/ 3	.1	.5																5	5	8	5														
2/ 1		.2																2	2	3	6														
0/ -1	.6																	5	5	6	2														
-2/ -3	.4																	3	3	3	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 JUN 71 0 26-3 0L A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 STATION COLD LAKE APT CN STATION NAME 73-62 YEARS APP
 PAGE 2 0000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
-4/-5	.5	.1																																5	5	4	8
-6/-7	.2	.1																																3	3	3	4
-8/-9	.4																																	3	3	4	9
-10/-11																																					7
-12/-13																																					2
-14/-15																																					1
-16/-17																																					1
-20/-21																																					3
TOTAL	9.1	32.3	30.6	14.4	6.8	3.6	1.9	.6	.7																										855		854
																																			854		854
Element (X)	Σ X'		Σ X		X		n		No. Obs.		Mean No. of Hours with Temperature						Total																				
Rel. Hum.	4303407		59075		69.2		15.947		854		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																				
Dry Bulb	1081560		28808		33.7		1.396		855		2.0	39.5					90																				
Wet Bulb	855497		25737		30.1		9.676		854		2.1	53.7					90																				
Dew Point	578761		20415		23.9		0.314		854		4.1	77.7					90																				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 APR 1980
STATION STATION NAME YEARS
PAGE 1 0300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL								
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																				
59/59																																		1	1							
58/57																																		4	4							
56/55																																		3	3							
54/53																																		4	4							
52/51																																		6	6							
50/49																																		15	15							
48/47																																		19	19	3	2					
46/45																																		31	31	15	4					
44/43																																		29	29	16	1					
42/41																																		31	31	23	9					
40/39																																		36	36	43	11					
38/37																																		34	34	49	13					
36/35																																		49	49	42	27					
34/33																																		94	84	67	26					
32/31																																		154	154	91	53					
30/29																																		94	94	116	52					
28/27																																		91	91	132	112					
26/25																																		39	39	78	116					
24/23																																		29	29	53	81					
22/21																																		20	20	32	78					
20/19																																		18	18	26	72					
18/17																																		4	4	8	31					
16/15																																		2	2	4	33					
14/13																																		10	10	11	30					
12/11																																		7	7	12	11					
10/9																																		3	3	2	14					
8/7																																		7	7	4	3					
6/5																																		4	4	6	4					
4/3																																		4	4	4	3					
2/1																																		6	6	7	3					
0/-1																																		6	6	8	3					
-2/-3																																		1	1	1	4					
-4/-5																																		6	6	6	6					
-6/-7																																		6	6	5	1					
Element (X)	$\Sigma X'$																															ΣX	\bar{X}	$\%_X$	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 3 01A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
STATION STATION NAME

73-82
YEARS

APR
MONTH

PAGE 2 0300-0500

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	DB	WB	Dry B.	WB	B.	Dry P.				
-11/-9	.2																	2	2	3	2	2	3				
-11/-11	.2																	2	2	2	2	2	2				
-11/-13	.2																	2	2	2	2	2	2				
-14/-15																											
-20/-21																											
-22/-23																											
TOTAL	11.8	43.2	33.1	8.5	3.2	1.6	.9	.7									863		863	863		863					

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	- 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
Rel. Hum.	4880535	63751	73.9	4.091	863							90
Dry Bulb	931596	26696	30.9	1.078	863	2.6	53.9					90
Wet Bulb	771327	24383	28.3	9.778	863	2.8	63.4					90
Dew Point	552391	19905	23.1	0.403	863	4.6	80.3					90

USAFETAC FORM 0-26.3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLE LAKE APT CA

73-62

APP

STATION

STATION NAME

YEARS

PAGE 1 0600-0900

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
66/55																			2	2															
64/53								.1	.1										2	2															
62/51								.5	.2										6	6															
60/49						.1	.1		.2										2	2															
58/47						.5	.2												6	6															
56/45					.1	.2	.9												11	11															
54/43			.4	.5	1.3	.5													20	20		3													
52/41		.2	.4	1.9	1.3	.2													19	19		4													
50/39		.4	.9	1.3	1.3														36	36	16	4													
48/37		.8	1.5	1.3	.6														42	42	30	2													
46/35	.1	1.4	2.7	1.8	.1														49	49	47	13													
44/33	.2	1.6	2.3	1.2	.4														46	46	49	11													
42/31	.4	2.3	3.5	1.4	.1														66	66	73	33													
40/29	.2	4.7	3.8	1.1															83	83	74	45													
38/27	.7	5.9	8.0	.8															131	131	95	60													
36/25	.8	4.1	1.8	.5															61	61	176	62													
34/23	1.3	4.0	1.8																60	61	99	106													
32/21	1.8	2.2	.2																44	44	63	95													
30/19	.5	1.9	.2																23	23	46	62													
28/17	.5	1.8	.1																20	20	24	67													
26/15	.4	1.4	.5																19	19	21	61													
24/13		.2																	2	2	13	31													
22/11		.5																	4	4	4	28													
20/9		.6																	5	5	3	27													
18/7	.4	.5																	7	7	6	9													
16/5	.2	.5																	6	6	6	12													
14/3	.1	.4																	4	4	5	2													
12/1	.4	.4																	6	6	6														
10/-1	.5	.4																	7	7	8	5													
8/-3	.4	.2																	5	5	7	6													
6/-5	.6																		5	5	5	10													
4/-7	.6																		5	5	5	4													
Element (X)	ΣX^2	ΣX	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total																							
Dry Bulb						≤ 0 F	32 F	67 F	73 F	80 F	93 F																								
Wet Bulb																																			
Dew Point																																			

USAF/TAC FORM 0 26 3 01A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7:12-0 COLD LAKE APY ON STATION

73-82 YEARS

APR

PAGE 2 0600-0800

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-1/-5	.5	.1																5	5	4	5														
-4/-7	.4																	3	3	4	4														
-7/-9	.4																	3	3	3	5														
-11/-11	.1																	1	1	1	5														
-17/-13																					3														
-14/-15																					2														
-17/-17	.1																	1	1	1	2														
-17/-19																					2														
-21/-21																					2														
-21/-23																					1														
TOTAL	12.1	7.6	7.7	2.6	5.9	2.5	.9	.5	.4									852	853	852	952														

Element (X)	$\Sigma X'$	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	- 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
Rel Hum.	4621147	61473	72.2	14.775	852							
Dry Bulb	1005950	27549	32.3	11.682	853	2.4	45.2					90
Wet Bulb	812252	24888	29.2	10.008	852	2.4	56.5					90
Dew Point	567829	20201	23.7	10.219	852	4.6	77.9					90

USAFETAC FORM 0 26 3 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

711230 STATION COLD LAKE APT CN

73-87 YEARS

APR

PAGE 7 2920-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
10/ 9		1.2																10	17	0	6														
9/ 7	.1	.5																5	5	12	1														
8/ 5	.2	.1																3	3	6	4														
4/ 3	.1	.4																4	4	3	10														
7/ 1		.6																5	5	4	9														
7/ -1	.2																	2	2	5	6														
-2/ -3		.1																1	1	1	5														
-4/ -5		.1																1	1	1	5														
-6/ -7																					4														
-7/ -9																					4														
-11/ -11																					2														
-13/ -13																					2														
-14/ -15																					2														
-17/ -17																					1														
TOTAL	2.9	20.5	17.9	16.3	16.5	10.1	7.5	4.1	1.4	1.5	.8	.5	.1					855	955		855														

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	3110712	49214	57.6	8.041	855							90
Dry Bulb	1551486	34614	40.5	3.260	855	.4	21.1	2.2	.5			90
Wet Bulb	1091177	29325	34.3	9.999	855	.7	30.6					90
Dew Point	623849	21535	25.2	9.766	855	3.4	75.2					90

USAFETAC FORM (UN 7) 0 26 3 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7112 JQ COLO LAKE APT CN

73-82

APR
 MONTH

PAGE 2 1200-1400
 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
18/ 17		.1	.7																7	7	5	32													
16/ 15			.6																5	5	4	27													
14/ 13		.3	.7																9	9	11	27													
12/ 11		.3	.2																5	5	7	11													
10/ 9	.1	.1	.1																3	3	6	8													
8/ 7	.1		.2																3	3	4	6													
6/ 5		.2																	2	2	1	7													
4/ 3		.1																	1	1	4	3													
2/ 1																					1	2													
0/ -1																						12													
-2/ -3																						7													
-4/ -5																						4													
-6/ -9																						1													
-10/-11																						3													
-12/-13																						3													
-14/-15																						1													
-16/-17																						1													
TOTAL	1.0	1.1	5.3	1.8	4.7	1.7	1.3	8.4	7.8	2.8	1.9	.9	1.2	.7	.1				864	864		864													
																			864	864															
Element (K)	Z_x	Z_y	X	y	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	2340976	41654	48.2	19.6	864	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																							
Dry Bulb	1976753	39567	45.8	13.8	864		13.5	6.4	2.5	.4		90																							
Wet Bulb	1268917	32085	37.1	9.4	864		21.2					90																							
Dew Point	618153	21609	25.0	9.4	864	3.1	74.8					90																							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 APP MONTH 1500-1700
STATION STATION NAME YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
84/ 83														.2	.2																		4	4				
82/ 81														.6																				5	5			
80/ 79														.2	.1																			3	3			
78/ 77													.5																					4	4			
76/ 75												.1	.1	.2	.3																			7	7			
74/ 73											.2	.6	.2	.3																				9	9			
72/ 71											.1	.1																						1	1			
70/ 69										.3	.7	.5	.6																					18	18			
68/ 67									.3	1.7	.8	.7	.3																					34	34			
66/ 65								.1	.6	1.3	.1	.3																						15	15			
64/ 63								.6	1.1	1.1	.1	.1																						25	25			
62/ 61							.6	.6	.6	1.7	.1	.1																						30	30			
60/ 59							.3	1.1	.8	.1	.1	.1																						21	22			
58/ 57						.1	.1	1.2	1.1	.5	.1	.1																						27	27		2	
56/ 55					.2	.3	.7	1.7	1.2		.1	.1																							37	37		13
54/ 53		.1		.1	.7	1.2	.8	2.0	.7		.1	.1																							50	50		30
52/ 51		.1	.1	.1	.3	.7	1.6	1.2	.3		.1	.1																							40	40		20
50/ 49					1.6	2.8	4.4	.8	.1		.1	.1																							86	86		35
48/ 47		.1	.2	.2	1.1	1.2	.8				.1	.1																							33	33		43
46/ 45		.3	.8	1.4	2.9	3.2	.8				.1	.1																							83	83		39
44/ 43		.7	.5	1.6	1.7	1.6	.7				.1	.1																							59	59		65
42/ 41		.9	.7	1.8	.3	.3	.2				.1	.1																							38	38		84
40/ 39	.1	.1	1.0	1.5	.3	.7					.1	.1																							33	33		103
38/ 37	.1	.8	.9	.6	.5	.3					.1	.1																							28	28		104
36/ 35		1.4	1.2	1.4	.5						.1	.1																							39	39		89
34/ 33	.2	1.1	1.6	.6	.2						.1	.1																							33	33		67
32/ 31	.1	1.4	1.6	1.1							.1	.1																							37	37		39
30/ 29		.6	.8	1.2							.1	.1																							23	23		39
28/ 27		.3	.7	.2							.1	.1																							11	11		23
26/ 25			.3								.1	.1																							3	3		25
24/ 23		2	.3	.5							.1	.1																							9	9		11
22/ 21		.3	.1	.7							.1	.1																							10	10		9
20/ 19			.5	.6							.1	.1																							9	9		5
18/ 17			.1								.1	.1																							1	1		5
Element (X)	Z _x ¹	Z _x			X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.								≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																									
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 APR 1500-1700
 STATION STATION NAME YEARS MONTHS HOURS

PAGE 2 1500-1700
 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point																		
16/ 15			.2																														2	2	14	37	
14/ 13		.5	.6																															9	9	3	36
12/ 11		.2	.1																															3	3	4	13
10/ 9		.1																																1	1	7	16
8/ 7			.3																															3	3	2	6
6/ 5																																					3
4/ 3																																				3	5
2/ 1																																					5
0/ -1																																				5	
-2/ -3																																				7	
-4/ -5																																				6	
-6/ -7																																				1	
-8/ -9																																				3	
-10/ -11																																				1	
-12/ -13																																				1	
-14/ -17																																				2	
-16/ -19																																				1	
TOTAL	.6	9.3	12.7	13.5	10.4	12.6	11.0	9.7	8.6	6.2	1.5	1.6	.7	1.4	.3																			884		883	
																																			883		883

Element (X)	ΣX^2	ΣX	\bar{X}	S_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	2138924	39764	45.0	9.870	883							
Dry Bulb	2143810	41820	47.3	3.686	884		12.3	8.7	3.3	.9		90
Wet Bulb	1334342	33372	37.8	9.103	883		19.3					90
Dew Point	608244	21604	24.5	9.504	883	2.8	75.6					90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 STATION COLD LAKE APT CV STATION NAME 73-82 YEARS APR 1800-2000
 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														
14/ 13		.1	.6																6	6	8	30													
12/ 11		.3	.1																4	4	7	17													
11/ 9		.3	.1																4	4	6	10													
10/ 7		.1																	1	1	4	3													
10/ 5		.1	.1																2	2	2	4													
10/ 3		.2																	2	2	2	4													
10/ 1		.1																	1	1	2	3													
10/ -1																					1	4													
-2/ -3																						9													
-4/ -5																						8													
-6/ -7																						3													
-8/ -9																						3													
-10/ -11																						1													
-18/ -19																						1													
-20/ -21																						2													
TOTAL	1.6	1.3	1.8	1.4	1.3	1.4	1.0	0.9	0.7	0.5	1.9	1.0	.7	.6	.6				861			860													
																			860			860													

Element (X)	Σx'	Σx	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	2528236	43488	50.6	9.575	860							
Dry Bulb	1803493	37797	43.9	2.951	861		15.2	4.5	1.3	.1		90
Wet Bulb	1188833	30997	36.0	9.130	860	.1	24.9					90
Dew Point	601314	21152	24.6	9.715	860	3.2	75.3					90

USAFETAC FORM JUN 71 0.26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711250 COLD LAKE APT CN
STATION STATION NAME

73-82
YEARS

APP
DATE

PAGE 1 2170-2300
FORM 10-1

USAFETAC FORM 10-1 0 26 3 C A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
68/ 67								.1	.1	.2								4	4																
66/ 65								.1	.2									3	3																
64/ 63							.1	.1	.7									8	8																
62/ 61						.3	.1	.1	.1									6	6																
60/ 59					.1	.7	.2	.2	.1	.1								13	13																
58/ 57					.2	.7	.3	.3										14	14																
56/ 55					.2	.7	.6	.2										15	15																
54/ 53			.1	.2	.9	.5	.1											16	16																
52/ 51					1.0	.9	.3	.2										22	22	6															
50/ 49		.1	.3	.5	2.7	.9	1.4	.1										53	53	14															
48/ 47		.3		1.0	.9	1.4	.5											36	36	22															
46/ 45		.5	.3	.9	1.0	1.1	.1											36	36	23	5														
44/ 43		.2	.6	1.0	3.1	1.0	.1											53	53	47	7														
42/ 41		1.1	.5	3.2	1.8	.1												59	59	43	15														
40/ 39	.2	.3	2.6	3.1	2.4	.2												78	78	44	12														
38/ 37	.2	1.3	3.0	3.9	1.6	.1												88	88	61	22														
36/ 35	.7	1.8	3.0	1.6	.5													66	66	128	35														
34/ 33	.2	3.1	3.9	1.0	.5													76	76	112	44														
32/ 31	1.3	2.7	3.7	.5	.2													73	73	113	107														
30/ 29	.1	1.5	1.4	.6														32	32	74	72														
28/ 27	.1	1.5	1.6	.3														31	31	47	112														
26/ 25	.1	1.0	.9															18	18	34	81														
24/ 23	.1	1.3	.7															18	18	22	64														
22/ 21	.3	.2	.1															6	6	26	69														
20/ 19	.1																	1	1	6	61														
18/ 17		.1																1	1	2	43														
16/ 15	.1	.2	.3															6	6	3	34														
14/ 13	.2	.7	.3															11	11	6	30														
12/ 11			.5															4	4	7	6														
10/ 9		.8	.3															10	10	3	9														
8/ 7		.2																2	2	9	3														
6/ 5		.3																3	3	5	3														
4/ 3		.3																3	3	3	1														
2/ 1	.1	.3																4	4	7	2														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_A	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																																			

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-32
STATION STATION NAME YEARS

APR
 2100-2300
MO. RE. YEAR

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																			
/ -1																																						7		
-1/ -3			.2																																		2	2	2	3
-4/ -5			.2																																		2	2	2	11
-6/ -7																																							4	
-7/ -9																																							4	
-10/ -11																																							3	
-12/ -13																																							1	
-14/ -19																																							2	
-17/ -21																																							1	
TOTAL	4.0	20.3	4.1	7.8	6.6	9.2	4.1	1.4	1.3	.6	.2																								873	873	873	973		
																																				873	873			

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_n	No. Obs.	Mean No. of Hours with Temperature						Total
						< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	
Rel. Hum.	3529648	53320	61.1	7.695	873							
Dry Bulb	1386812	33340	38.2	11.411	873	.4	23.4	.4				92
Wet Bulb	1020202	28786	33.0	9.030	873	.4	38.2					92
Dew Point	617647	21619	24.8	9.711	873	3.7	75.6					92

USAFETAC FORM 11 JUN 71 0 26 3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7:12 J0 COLD LAKE APT CV

73-87

APP

STATION

STATION NAME

YEARS

PAGE 1

ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																		
86/ 85																																			1	1				
84/ 83																																				5	5			
82/ 81																																				8	8			
80/ 79																																				8	8			
78/ 77																																					12	12		
76/ 75																																					18	18		
74/ 73																																					21	21		
72/ 71																																					14	14		
70/ 69																																					34	34		
68/ 67																																					93	93		
66/ 65																																					56	56		
64/ 63																																					84	84		
62/ 61																																					103	103		
60/ 59																																					91	92		
58/ 57																																					129	129		4
56/ 55																																					144	144		70
54/ 53																																					186	186		67
52/ 51																																					207	207		87
50/ 49																																					419	419	123	8
48/ 47																																					282	282	199	7
46/ 45																																					404	404	241	24
44/ 43																																					370	371	332	57
42/ 41																																					350	350	384	84
40/ 39																																					386	386	557	109
38/ 37																																					389	389	574	170
36/ 35																																					442	442	693	262
34/ 33																																					507	507	667	332
32/ 31																																					650	651	626	774
30/ 29																																					347	347	569	557
28/ 27																																					303	304	514	888
26/ 25																																					159	159	318	745
24/ 23																																					116	116	210	580
22/ 21																																					98	98	151	522
20/ 19																																					73	73	98	454
Element (X)	1 _x		2 _x		R		R		No. Obs.		Mean No. of Hours with Temperature						Total																							
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

USAFETAC FORM 0 26 3 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7:1200 COLD LAKE APT CN
STATION STATION NAME

73-87
YEARS

MAY
MONTH

PAGE 1 0300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dea Point														
67/67							.1	.1										2	2																
64/63				.1					.1									2	2																
62/61					.2		.1	.2										3	3																
57/59				.2		.2	.3											7	7																
57/57		.2	.4	.2	.1	.3	.1	.6										16	18	2															
57/55	.1	.3	.2	.4	.3	.1	.1											15	15	9	2														
54/52	.4	.6	1.0	.4	.4	.3	.2											33	33	9	8														
52/51	.3	1.1	1.2	.7	.2	.1	.1											34	34	22	10														
57/49	.6	2.4	2.7	1.4	1.7	1.1	.6											94	94	40	30														
47/47	.6	1.4	1.4	1.0	1.2	.1												53	53	50	26														
47/45	.1	4.6	1.4	2.2	1.1													85	85	52	39														
44/43	1.0	3.4	2.4	1.0	1.0													80	80	64	57														
42/41	1.3	6.6	1.3	.9	.1													92	92	97	61														
42/39	.5	4.6	2.6	2.0														90	90	143	42														
37/37	1.0	3.4	1.6	.8	.7													69	69	87	120														
37/35	.2	3.0	1.4	.6														47	47	72	64														
34/33	.8	3.3	1.6	.6	.1													57	58	69	65														
32/31	1.0	2.7	2.6	.6	.1													62	62	65	107														
27/27	.4	1.6	.9	.1														27	27	32	71														
26/27	.1	1.1	.4															15	15	35	67														
26/25	.1	.3																4	4	25	32														
24/23		.6																7	7	6	28														
22/21	.1	.2																3	3	9	17														
22/19	.1																	1	1	1	20														
17/17																					15														
17/15																					9														
14/13																					4														
13/11																					2														
17/9																					2														
TOTAL	3.4	2.2	3.2	3.2	6.9	2.4	1.2	.6										900	901	900	900														

Element (X)	ΣX^2	ΣX	R	ΣX	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5565155	59253	76.9	16.212	900							
Dry Bulb	1644986	37842	42.0	7.861	900		12.3	.2				93
Wet Bulb	1402247	34957	38.8	7.034	900		18.0					93
Dea Point	1146252	31228	34.7	8.339	900		18.9					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

71120 GOLD LAKE APT CN 73-32 MAY
 STATION STATION NAME YEARS MONTH

PAGE 1 0600-1800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
67/67																		.1															1	1			
66/65				.2														.1															4	4			
64/53					.3	.2	.7																										11	11			
62/61			.1		.6	.2	.7	.2																									16	16			
51/59		.1	.5	.9	.6	.3	.6																										26	26		2	
57/57		.3	.7	1.0	.7	.3	.7																										36	36			
55/55	.1	.5	.7	.9	1.4	.7																											38	39	14	4	
44/53		1.3	1.4	1.5	.7	1.3	.5																										57	57	29	8	
62/51	.5	1.1	.8	1.5	1.7	.3	.6																										51	51	49	14	
57/49	.1	2.0	3.1	2.2	2.8	.7	.5																										100	100	49	41	
47/47	.3	2.0	3.3	1.9	2.0	.6	.1																										82	82	74	41	
47/45	.9	3.9	1.8	3.6	.9	.2	.1																										101	101	84	55	
44/43	.5	2.8	1.9	1.9	.3																												71	71	97	62	
42/41	1.0	4.0	2.2	1.9	.7																												86	86	100	67	
47/39	.2	2.0	1.4	1.1	.6	.1																											48	48	126	71	
37/37	1.4	1.7	1.4	.6	.6																												49	49	61	71	
37/35	.3	1.7	.9	.3																													29	29	56	81	
34/33	.1	.5	1.1	.5	.1																												20	20	41	70	
33/31	.3	.8	1.3	.2																													23	24	21	93	
27/29	.5	.8	.2	.1																													14	14	25	47	
29/27		.6	.1																														6	5	20	47	
27/25		.7																															6	6	9	27	
24/23		.2																															2	2	6	19	
27/21		.2																															2	2	4	24	
27/19																																					12
18/17																																				14	
16/15																																				5	
14/13																																				6	
TOTAL	6.3	27.3	21.7	20.5	13.9	5.0	4.4	.6	.3																									879	887	679	879

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	4669446	62200	70.9	7.099	879							
Dry Bulb	1922825	40505	46.0	8.154	880		5.7	.1				93
Wet Bulb	1565732	36584	41.6	7.007	879		9.7					93
Dew Point	1221530	31918	36.3	8.439	879		31.1					93

USAFETAC FORM 0 26 3 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 STATION COLD LAKE APT CN STATION NAME 73-62 YEARS PAGE 1 2970-1100 MAY 1955

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																		
77/79																																			1	1			
76/75										.2																									4	4			
74/73						.1				.1	.3																								7	7			
72/71										.3	.1	.3																							10	10			
70/69						.1	.1	.1	.8	.4	.3	.3																							22	22			
68/67					.1	.1	.4	.6	.8	.9	.6	.3																							35	35			
66/65					.2	.2	.8	1.1	.8	1.2	.6	.2																							46	46			
64/63					.3	1.5	1.3	2.1	1.8	1.7	.6																								77	78	3		
62/61			.2	.2	.8	1.2	1.3	.9	.6	.6	.1																								51	51	2		
60/59		.2	.2	.3	.8	1.7	.8	1.2	1.7	.1																									61	61	13		
58/57		.1	.7	.9	1.2	1.3	.9	1.1	.6	.1																									52	62	19	3	
56/55		.1	.6	.8	.4	1.2	2.2	1.7	.1																										58	58	54	5	
54/53	.1	1.1	.7	.4	1.3	1.6	1.9	.3																											67	67	69	10	
52/51	.1	.2	1.7	.6	1.7	1.1	.9	.3																											53	53	80	18	
50/49	.1	1.1	2.2	.9	3.1	2.2	.6	.4																											94	94	92	52	
48/47	.2	.9	.4	1.5	1.9	.4	.7	.4																											53	53	67	52	
46/45	.2	2.2	.8	1.6	1.1	.7	.1																												60	61	97	59	
44/43	.2	1.7	.6	.7	1.2	.7	.1																												46	46	114	59	
42/41		.6	.4	.7	.2	.2	.1																												20	27	93	63	
40/39		.8	.3	.3	.1	.3																													17	17	70	49	
38/37	.3	.2	.2	.2																															9	9	37	55	
36/35		.6	.3	.3	.1																														12	12	33	62	
34/33			.3	.3																															6	6	17	68	
32/31		.2	.3																																5	5	13	93	
30/29	.1	.1	.3																																5	5	10	51	
28/27		.4	.2																																6	6	5	61	
26/25		.2																																	2	2	6	29	
24/23																																						4	32
22/21																																						17	
20/19																																						16	
18/17																																						14	
16/15																																						10	
14/13																																					6		
12/11																																					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 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 MAY 1980-1100
 STATION STATION NAME YEARS MONTH

PAGE 2 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
TOTAL	1.5	10.9	13.0	11.5	6.4	15.5	13.8	9.6	6.2	2.7	1.3	.4	.1																				899	891	889	
10/ 9																																				

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_s	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
Rel. Hum.	2934464	48014	54.0	9.605	889							
Dry Bulb	2691211	48237	54.1	9.466	891		1.9	8.2	1.3			93
Wet Bulb	1894766	40554	45.6	7.102	889		4.1					93
Dew Point	1237169	32095	36.1	9.400	889		30.9					93

USAFETAC FORM 0-26.3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-82

MAY
 MONTH

STATION

STATION NAME

YEARS

PAGE 7 1200-1400

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	Wet Bulb	Dew Point		
167 15																																						7
147 13																																						11
127 11																																						3
107 9																																						2
87 5																																						2
TOTAL	.7	6.2	8.2	7.1	0.3	9.5	3.8	5.4	2.8	7.3	5.5	2.4	.4	.3	.2																					892	892	892

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	2196519	40559	45.5	9.885	892							
Dry Bulb	3128526	52048	58.3	10.136	892		1.3	22.4	6.5	.6		93
Wet Bulb	2029951	42107	47.2	6.889	892		2.4					93
Dew Point	1174791	31223	35.0	9.586	892		37.0					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-82

MAY

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															
84/ 83														.1	.1																		2	2			
82/ 81											.1	.1		.2	.1																		5	5			
80/ 79											.1	.4		.2																			7	7			
78/ 77											.2	.3	.5	1.2	.1	.1																	23	23			
76/ 75											.1	.1	.2	.3	.4																		17	17			
74/ 73											.4	.5	.5	1.0	1.3	.7																	38	38			
72/ 71											.3	.9	.9	.4	1.3	.3																	38	38			
70/ 69											.7	.5	1.2	1.5	.8	.4																	47	47			
68/ 67						.2	1.2	.8	1.6	3.2	1.4	1.2	.2																				90	90			
66/ 65						.3	.2	.4	1.2	1.6	1.8	.7																					57	57			
64/ 63					.2	.7	.9	1.1	1.9	1.3	2.7	.5																					85	85		4	
62/ 61					.3	.2	.4	1.1	.5	.8	1.3																						43	43		7	
60/ 59					.9	.2	.5	.4	1.9	2.0	.1																						55	56		73	
58/ 57		.1	.7		.2	.3	.7	.4	3.1	.2	.4																						56	56		45	
56/ 55			.4		.3	.9	.7	1.0	1.8	1.0																							55	55		63	
54/ 53	.3	.3	.7		.5	.9	1.4	1.0	.4	.1																							52	52		123	
52/ 51		.2	1.0		.5	1.5	1.2	.7	1.0																								56	56		76	
50/ 49	.1	1.2	1.3		1.6	1.2	.7	.9	.1	.4																							69	69		92	
48/ 47		.8	.4		.8	.1	1.1	.1	.2																								32	32		99	
46/ 45		.8	.7		.3		.2	.2																									20	20		127	
44/ 43		.7	.3		.4	.1	.2																										16	16		117	
42/ 41	.1	.7	.1		.3	.3	.2																										16	16		60	
40/ 39	.1	.5			.2	.8	.1																										16	16		45	
38/ 37			.1		.1	.1																											3	3		22	
36/ 35		.1	.2																														3	3		14	
34/ 33																																					13
32/ 31	.1	.1	.8		.3																													12	12		11
30/ 29		.1																																1	1		4
28/ 27																																					9
26/ 25																																					
24/ 23																																					
22/ 21																																					
20/ 19																																					
18/ 17																																					
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total																				
Rel. Hum.											= 0 F		= 32 F		= 67 F		= 73 F		= 80 F		= 93 F																
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0-26.3 (O-L-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 MAY
 STATION STATION NAME YEARS MONTH

PAGE 2 1500-1700

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			
15/ 15																																						8	
14/ 13																																						7	
11/ 11																																						6	
10/ 9																																						5	
9/ 7																																						1	
TOTAL	.8	5.6	6.7	7.2	7.9	9.7	9.2	15.2	13.6	11.8	5.7	4.7	1.3	.5	.1																					914	915	914	914
Element (X)	ΣX	ΣX^2	ΣX	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total																											
Rel. Hum.	2057317	39193	42.9	0.312	914	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F																												
Dry Bulb	3355825	54615	59.7	0.245	915	1.3	27.1	9.4	1.7			93																											
Wet Bulb	2111414	43500	47.6	6.711	914	2.4						93																											
Dew Point	1166698	31430	34.4	9.700	914	39.6						93																											

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7:1253 COLD LAKE APT CN 73-82 MAY
STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26-27	28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
84/ 83																																		1	1			
82/ 81																									.1									1	1			
79/ 79																							.1	.3	.1	.1							6	7				
76/ 77																							.2	.1		.1							4	4				
76/ 75														.1	.1	.4						.7	.4	.2								12	17					
74/ 73													.1	.1	.8							.7		.1								16	16					
72/ 71									.1	.1	.3	.6	.8								.6	.2	.2									26	26					
71/ 69						.1	.2	.7	.2	1.3	.9	.7	.3																				40	47				
68/ 67					.1	1.2	.7	2.0	1.5	1.2	1.6																							74	74			
66/ 65				.1	.2	.6	.7	1.3	1.6	.7	.2																							48	49			
64/ 63				.3	.9	.2	1.7	1.1	1.6	1.1	.2																							64	64			
62/ 61			.2	.2	.3	.9	1.1	.8	1.9	.7	.1																							56	56	4		
60/ 59			.1	.9	.3	1.5	.8	1.2	1.5																									57	57	17		
58/ 57		.3	.1	.8	.7	.7	.6	1.7	1.3	.1																								56	56	31		
56/ 55		.2	.6	.6	1.0	.7	.6	1.2	.6	.1																								49	49	54	4	
54/ 53		.8	.8	.7	.9	1.3	2.3	.6	.3																									69	69	77	3	
52/ 51	.1	.6	.8	.6	1.0	1.3	.7	1.0																										56	56	97	18	
50/ 49	.1	1.3	1.6	2.9	1.7	1.5	1.1	.6																										96	96	100	63	
48/ 47		1.1	.6	1.3	.4	.7	.3	.1																										41	41	66	21	
46/ 45	.2	1.6	1.1	1.3	.2	.6	.2	.2																										46	46	100	51	
44/ 43		1.1	.1	.3	.6	.1																												20	27	115	54	
42/ 41		.8	.1	.4	.3		.1																											16	16	96	61	
40/ 39	.1	.8		.3	.4	.2																												17	17	49	72	
38/ 37				.1	.3																													4	4	26	73	
36/ 35				.1	.1																													2	2	23	62	
34/ 33		.3	.1																															4	4	11	24	
32/ 31	.1	.3	.1	.3																														8	8	11	57	
30/ 29		.1	.3																															4	4	7	52	
28/ 27		.1																																1	1	3	68	
26/ 25		.1																																1	1	7	54	
24/ 23																																					1	38
22/ 21																																						18
20/ 19																																						23
18/ 17																																						14
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 10 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

71253 COLD LAKE APT ON
STATION STATION NAME

73-82
YEARS

MAY
MONTH

PAGE 2 1800-2000
PERIOD

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
1- / 15																																					11
14 / 13																																					9
1- / 11																																					4
10 / 9																																					8
TOTAL	.7	9.8	6.6	1.1	9.7	1.8	1.4	2.5	2.3	6.8	4.5	1.5	.8	.2	.1																				896	895	
																	895																			895	

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	< 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum	2479947	43075	48.12	1.332	895							
Dry Bulb	3001143	51095	57.0	9.863	896		1.5	18.8	4.3	.2		93
Wet Bulb	1984270	41716	46.6	6.679	895		3.0					93
Dew Point	1183476	31358	35.0	9.739	895		36.8					93

USAFETAC FORM 0 26 3 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
STATION STATION NAME

73-62
YEARS

MAY
MONTH

PAGE 1 2100-2100
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																	
74/ 73											.1																						1	1				
72/ 71											.1	.1																					3	3				
71/ 69											.2	.4	.1																			7	7					
69/ 67						.1	.3	.2			.6	.1	.1																				13	13				
68/ 65					.1	.1	.4	.3			.3	.1																						17	17			
64/ 63					.3	.2	.9	1.1	.8		.6																							35	35			
62/ 61					.7	.7	1.1	1.1	.2		.4																							38	38	1		
61/ 59				.6	1.0	.8	.7	.7	1.6	.2																								49	49	1		
61/ 57		.1	.7	1.0	.7	1.6	1.2	1.1																										57	57	8		
58/ 55		.7	.6	.6	.9	1.6	1.0	.2																										48	48	30	2	
64/ 53		.6	.9	1.6	2.8	1.2	1.3	.3																										78	78	44	8	
62/ 51	.1	1.1	1.2	1.7	1.3	1.3	1.1	.1	.1																									73	73	58	20	
60/ 49	.6	2.3	2.4	.8	2.0	2.7	1.1	.1																										108	108	76	46	
48/ 47		1.6	2.7	1.1	1.0	.6	.6																											61	61	109	48	
48/ 45	.7	3.1	3.1	2.4	1.7	.9	.7																											113	113	93	53	
44/ 43	.2	2.4	1.9	1.2	.7	.4																												62	62	176	62	
42/ 41	.2	1.8	.8	1.0	.3	.3																												40	40	104	66	
41/ 39	.3	.8	.7	1.1	.6	.2																												33	33	94	78	
38/ 37	.1	1.2	.7	.2	.6																													25	25	57	81	
36/ 35		.3	.3	.4	.2																													12	12	40	63	
34/ 33			.1	.4	.1																													6	6	30	55	
32/ 31	.1	.4	.2	.2																														9	9	14	65	
31/ 29	.2	.4																																6	6	16	59	
28/ 27			.1																															1	1	13	65	
26/ 25		.4																																4	4	4	47	
24/ 23		.4																																4	4	5	13	
22/ 21																																					4	15
21/ 19																																					15	
18/ 17																																					11	
16/ 15																																					19	
14/ 13																																					6	
12/ 11																																					5	
11/ 9																																					1	

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 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT ON 73-82 STATION STATION NAME YEARS MAY

PAGE ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
12/ 18																																				61
14/ 18																																			56	
17/ 11																																		23		
21/ 5																																		23		
27/ 5																																		1		
31/ 5																																		2		
TAL	3.2	16.9	14.6	12.9	11.4	9.3	8.6	7.9	6.1	3.7	2.2	1.1	.3	.1	.1																		7184	7178		

USAFETAC FORM 0 26 3 ON A (REV. 3-59) (1-58) (1-59) (1-60) (1-61) (1-62) (1-63) (1-64) (1-65) (1-66) (1-67) (1-68) (1-69) (1-70) (1-71) (1-72) (1-73) (1-74) (1-75) (1-76) (1-77) (1-78) (1-79) (1-80) (1-81) (1-82) (1-83) (1-84) (1-85) (1-86) (1-87) (1-88) (1-89) (1-90) (1-91) (1-92) (1-93) (1-94) (1-95) (1-96) (1-97) (1-98) (1-99) (200)

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	1-32 F	33-67 F	68-73 F	74-80 F	≥ 81 F	
Rel Hum	2847357	421741	56.9	2.684	7178							
Dry Bulb	1999133	378549	51.6	1.352	7184		33.0	60.2	21.5	1.0		744
Wet Bulb	14295717	315721	44.0	7.548	7178		55.3					744
Dew Point	9563228	253622	35.3	9.158	7178		287.0					744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 STATION COLD LAKE APT CV 73-32 YEARS JUN
 PAGE 1 0000-0000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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	.2	.1											4	4																
69/ 67					.1	.2	.6											8	8																
68/ 65			.2	.1	.6	.1	.1											10	17																
64/ 53				.2	.5													7	7	1															
61/ 61			.7	1.7	.5	.2												26	26	2															
57/ 59		1.4	1.1	1.2	1.2	.2												43	44	6	1														
57/ 57	.1	1.2	1.8	1.9	1.7	.7												56	56	29	9														
56/ 55	.1	3.1	3.5	1.2	1.3	.1												78	78	55	19														
54/ 53	.5	4.8	4.2	2.0	1.4													108	109	77	27														
52/ 51	.7	4.7	3.7	2.6	.4	.1												122	122	116	74														
51/ 49	1.9	10.4	4.7	1.6	1.3	.1												167	167	123	146														
47/ 47	.4	5.4	3.1	.6	.1	.1												81	81	149	122														
46/ 45	.8	5.5	1.3	.1														65	65	97	139														
44/ 43	.2	2.8	1.2	.1														36	35	8	61														
42/ 41	.2	2.3	.2															23	23	46	86														
41/ 39	.1	.6	.2															8	8	32	52														
38/ 37	.6	.4	.1															9	9	11	50														
36/ 35		.4																3	3	5	23														
34/ 33																				3	10														
32/ 31																					11														
30/ 29																					1														
28/ 27																					2														
28/ 25																					1														
TOTAL	5.8	42.9	26.1	13.4	8.5	2.3	1.2											834	836	634	834														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5539325	67125	80.5	2.812	834	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2258451	43179	51.6	5.819	836			1.3				9.7
Wet Bulb	1976498	40394	48.4	4.926	834							9.3
Dew Point	1751943	37951	45.5	5.477	834			1.6				9.0

USAFETAC FORM 0 26 3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721200 COLD LAKE APT CN
STATION STATION NAME

73-82
YEARS

JUN
MO.

PAGE 1 0300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
72/ 71																			1	1															
71/ 69									.2	.1									2	2															
69/ 67										.1									1	1															
68/ 65			.4	.2	.1	.1													7	7															
64/ 63			.4	.2	.4	.1													9	9															
61/ 61		.1	.1	.2	.1														5	5	3														
61/ 59		.1	1.3	1.3		.4													26	26	10	3													
59/ 57	.1	.8	.6	.6	.2														20	20	6	4													
58/ 55	.4	3.3	1.7	1.1	.6	.1													60	60	15	12													
54/ 53	.5	4.8	2.5	1.0	.5														77	77	61	27													
52/ 51	.4	7.4	2.0	1.3	.5														97	97	95	50													
51/ 49	2.1	1.0	4.6	.8	.5	.1													162	162	101	151													
49/ 47	2.1	9.2	2.7	1.0	.2														120	120	136	98													
48/ 45	1.9	7.2	1.4	.6															94	94	124	141													
44/ 43	.7	4.5	.8	.1															52	52	96	76													
42/ 41	1.2	3.2	.1																38	38	69	65													
41/ 39	.6	2.7	.7																34	34	55	58													
39/ 37	.6	1.3																	16	16	32	55													
38/ 35	.7	.7	.2																14	14	15	40													
34/ 33	.4	.5																	7	7	12	23													
33/ 31																						16													
30/ 29																						3													
TOTAL	11.6	55.9	19.6	8.4	3.1	1.0	.2	.1											842	842	842	842													

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6234240	71852	85.3	1.054	842	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2053670	41274	49.0	6.018	842			4				90
Wet Bulb	1863133	39355	46.7	5.337	842							90
Dew Point	1703135	37571	44.6	5.632	842		2.0					90

USAFETAC FORM 0 26 3 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CV

73-82

JUN

PAGE 1 0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
74/ 73										.1																						1	1			
72/ 71								.1		.1																						2	2			
70/ 69					.1			.1	.2																						4	4				
68/ 67				.1	.4			.5	.9	.6																					21	21				
66/ 65			.4	1.3	1.1			.7	.4																						32	32				
64/ 63		.1	.2	1.4	1.1			.1	.2																						27	27	3			
62/ 61		.1	1.1	1.3	1.7			.7	.1																						42	42	11	1		
60/ 59		.5	3.2	2.7	.7			.6																							65	65	25	8		
58/ 57		1.4	3.4	2.2	1.2			.8	.1																						78	78	43	5		
56/ 55	.5	3.0	3.3	3.0	1.2			.1																							93	93	87	23		
54/ 53	.4	4.9	3.1	3.3	1.9			.1																							115	115	112	57		
52/ 51	.2	6.2	3.9	2.4	.5																										112	112	120	92		
50/ 49	1.3	5.6	5.4	1.8	.2																										121	121	141	179		
48/ 47	.5	3.3	2.1	.5	.4																										57	58	119	108		
46/ 45	.2	2.5	1.4																												35	35	85	129		
44/ 43		1.9	.1	.1																											18	18	41	69		
42/ 41	.2	1.1	.2																												13	13	35	58		
40/ 39		.1	.2																												3	3	12	47		
38/ 37	.5	.2																													6	6	11	38		
36/ 35																																			20	
34/ 33																																			3	
32/ 31																																			8	
TOTAL	3.68	30.68	28.32	23.51	17.4	4.4	1.7	.2																										845	845	

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
Rel Hum.	51632.7	6511.7	77.1	3.116	845							
Dry Bulb	2515037	45837	54.2	6.110	845			3.7	.1			90
Wet Bulb	2152193	42443	50.2	4.910	845							90
Dew Point	1972829	39527	46.8	5.316	845		.9					90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
 STATION STATION NAME

73-82
 YEARS

JUN
 MONTH

PAGE 1 2900-1100
 NO. 55-101

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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										.1	.1							2	2																
80/ 79								.2										4	4																
78/ 77							.1	.2	.7		.1							10	10																
76/ 75					.1	.1	.1	.4		.1								7	7																
74/ 73				.2		.8	.5	.6	.5									22	22																
72/ 71			.1	.2	1.1	1.2	1.2	.7	.1									39	39																
70/ 69			.1	.7	.1	2.0	1.1	.2	.1									37	37																
68/ 67			.5	1.9	3.9	2.6	1.8	.6	.4									98	98	3															
66/ 65			.2	.8	2.7	2.6	.7	1.1	.2									71	71	5															
64/ 63			.1	1.7	3.0	2.6	2.7	1.0	.2									93	93	15	3														
62/ 61		.4	.7	2.1	1.9	2.7	1.5	.1										80	87	39	3														
60/ 59	.1	.4	1.1	1.9	2.7	2.3	1.0	.4										82	82	50	11														
58/ 57	.1	.7	1.9	2.6	1.3	2.5	.2	.1										80	87	112	15														
56/ 55	.1	1.1	1.9	2.3	1.7	.8	.4											69	69	116	29														
54/ 53		1.3	2.3	.6	1.3	.7												52	52	110	45														
52/ 51	.1	1.9	1.5	.8	.2	.4												42	42	144	85														
50/ 49	.1	.8	1.7	.4	.4													28	28	101	172														
48/ 47	.1	1.0	.2	.1														12	12	76	93														
46/ 45		.5	.2															6	6	33	116														
44/ 43		.5																4	4	13	64														
42/ 41		.1																1	1	9	56														
40/ 39		.1																1	1	4	46														
38/ 37																					48														
36/ 35																					25														
34/ 33																					12														
32/ 31																					17														
TOTAL	.7	8.2	2.1	4.3	8.5	9.8	3.5	7.7	3.5	1.4	.4							840	840	840	840														
Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	3247471	50523	60.1	5.771	840	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	3208694	51576	61.4	7.069	840			23.5	4.8	.2		90																							
Wet Bulb	2413156	44834	53.4	4.906	840			.3				90																							
Dew Point	1849273	39081	46.5	6.081	840		1.8					90																							

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 STATION COLD LAKE APT CN STATION NAME 73-07 YEARS JUN MONTH
 PAGE 1 1200-1400 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
86/ 85											.2	.1						5	6																
84/ 83								.1	.1	.5	.4	.1						12	12																
82/ 81							.1	.2	.5	.4	.7							16	16																
80/ 79						.2	.2	.2	.4	.7								17	17																
78/ 77						.1			.9	1.0	.1							17	17																
76/ 75					.1	.2	.2	.9	1.2	1.0	.6							35	35																
74/ 73						.1	.5	1.7	1.3	1.9	.1							47	47																
72/ 71					.6	.2	.5	2.9	1.2	1.7								59	59																
70/ 69		.1		.1	.5	.4	1.3	1.7	1.6	.9	.1							55	55	4															
68/ 67				.1	.5	2.7	2.4	3.9	1.7	1.2								103	103	7	1														
66/ 65			.5	.1	1.0	1.1	1.9	2.3	1.1	.1								67	67	10	2														
64/ 63		.1	.1	.5	1.3	2.4	2.4	2.6	.7	.2								86	86	28	2														
62/ 61		.1	.6	1.2	.7	2.6	2.4	1.1										72	72	39	5														
60/ 59		1.0	1.1	1.9	1.1	1.6	1.5											67	67	84	17														
58/ 57	.1	.5	1.3	1.9	.7	.4	.4	.1										45	45	100	14														
56/ 55		1.3	.9	1.2	.5	.6	.1											38	38	116	15														
54/ 53		1.3	1.3	1.0	.6													35	36	131	37														
52/ 51	.1	.7	.7	.7	.2	.4												24	24	119	57														
50/ 49		1.6	.2	.1	.1													17	17	98	128														
48/ 47		.5	.1															5	5	60	83														
46/ 45			.1															1	2	18	126														
44/ 43			.2															2	2	5	76														
42/ 41																				2	74														
40/ 39																				2	51														
38/ 37																					42														
36/ 35																					35														
34/ 33																					29														
32/ 31																					24														
30/ 29																					3														
28/ 27																					1														
24/ 23																					1														
TOTAL	.2	7.3	7.3	9.0	8.7	3.0	4.0	7.5	10.3	9.2	2.8	1.2	.1						823	826	823														
Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	2463371	42495	51.5	8.086	823	< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total																							
Dry Bulb	3553866	53770	65.1	8.061	826			39.8	16.1	3.6		90																							
Wet Bulb	2456592	44784	54.4	4.889	823			1.2				90																							
Dew Point	1727335	37301	45.3	6.685	823		3.2	.1				90																							

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7112J0 COLD LAKE APT CN 73-82 JUN 1970-1970
STATION STATION NAME YEARS MONTH

PAGE 1 1570-1700
HOURS

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																
88/ 87									.1		.1			.1																				4	4			
86/ 85								.2	.4		.2			.1																				15	15			
84/ 83											.4			.7																				12	12			
82/ 81							.2	.1	.4	.7	.2	.4	.4																				20	20				
80/ 79							.1	.1		.7	.7	.4																						17	17			
78/ 77						.1			.6	.5	1.0	1.2	.1																					29	29			
76/ 75					.1		.2		1.2	1.7	1.8	.1																						43	43			
74/ 73					.1	.6	.5	1.1	1.7	1.9	.7	.1																						56	56			
72/ 71					.7	.1	.6	1.7	1.6	1.3	.7	.1																						53	53			
70/ 69					.7	.2	2.3	.5	2.8	.6	.8																							64	64	6		
68/ 67				.2	.1	2.0	1.9	4.0	2.3	1.2	.1																							99	99	4		
66/ 65				.2	1.3	1.3	1.4	1.4	2.0	.6																								70	70	17		
64/ 63			.7	1.1	2.3	1.8	1.9	1.9	.2	.2																								85	85	25	2	
62/ 61		.1	.2	1.4	1.7	3.2	1.6	.6	.1																									69	69	35	7	
60/ 59		.4	.8	1.6	1.1	.6	1.5	.5																										49	49	86	16	
58/ 57		.7	.8	1.3	1.3	1.0	.6	.1																										49	49	124	12	
56/ 55		1.4	.7	.8	.2	.4	.1																											31	31	142	18	
54/ 53		.7	1.4	.7	.2	.5																												30	30	125	31	
52/ 51		.6	.6	.1	.5	.1																												16	16	116	60	
50/ 49		.7	.6	.1	.1																													13	13	95	124	
48/ 47	.1	.6	.1	.2																														9	9	44	66	
46/ 45				.1																														1	1	20	106	
44/ 43																																				8	67	
42/ 41																																				2	82	
40/ 39																																				1	66	
38/ 37																																					45	
36/ 35																																					42	
34/ 33																																					29	
32/ 31																																					29	
30/ 29																																					5	
28/ 27																																					5	
26/ 25																																					2	
TOTAL	.1	5.3	6.1	8.0	9.4	12.0	12.2	12.6	12.9	10.4	7.0	2.9	.8	.1	.1																				834	834	834	834
Element (X)	ΣX^2	ΣX		\bar{X}	σ_x^2	No. Obs.	Mean No. of Hours with Temperature					Total																										
Rel. Hum.	2257966	40660		48.8	8.192	834	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																									
Dry Bulb	3732741	55355		66.4	8.392	834			44.5	21.2	5.6		90																									
Wet Bulb	2513387	45601		54.7	4.905	834			1.3				93																									
Dew Point	1708512	37306		44.7	6.909	834		4.4					90																									

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 JUN 1960-2000
STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000
NO. REVISIONS

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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		.1	.1		.1				4		4															
84/ 83										.2	.1	.1	.1					5		5															
82/ 81								.2	.1	.4	.1	.1						8		8															
80/ 79						.1		.1	.1	.2	.2	.2						9		9															
78/ 77						.1		.2	.7	.1	.6							15		15															
76/ 75					.2	.4		.6	.6	1.3	.5							30		30															
74/ 73					.1	.2	.6	1.6	1.1	1.1	.2							41		41															
72/ 71					.4	.2	.6	1.2	1.5	1.3	.4							46		46															
70/ 69					.4	.1	1.7	1.2	.9	.4	.2							40		41	3														
68/ 67				.5	1.3	2.6	1.7	3.1	1.1	.6	.1							90		90	5														
66/ 65			.1	.5	1.6	1.2	1.7	1.8	1.6	.1								71		71	8	1													
64/ 63			.5	1.0	1.6	2.1	3.2	1.5	1.1									89		89	15	5													
62/ 61		.1	1.0	2.0	1.7	2.4	1.8	.7	.1									81		81	36	4													
60/ 59		.5	1.7	1.2	2.4	1.3	.7	.1										56		67	74	8													
58/ 57		1.1	2.4	2.2	2.2	1.7	.4	.4										95		85	95	13													
56/ 55		.7	1.7	2.3	.9	.4	.2											51		51	125	23													
54/ 53		.5	1.5	1.0	.1	.6												30		30	119	51													
52/ 51	.2	.9	.6	.5	.5													22		22	132	66													
50/ 49	.4	1.3	.6	.6	.4													27		27	113	135													
48/ 47		.9																7		7	53	71													
46/ 45		.2																2		2	23	111													
44/ 43																					16	84													
42/ 41																					2	65													
40/ 39																						56													
38/ 37																						38													
36/ 35																						33													
34/ 33																						17													
32/ 31																						32													
30/ 29																						7													
28/ 27																						1													
TOTAL	.6	6.2	10.1	11.7	13.3	14.0	12.7	12.8	9.0	5.3	3.1	.6	.2	.2						21		819													
Element (X)	Zx'	Zx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	2711148	44740	54.6	18.070	819	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	3372913	52245	63.6	7.672	821			31.7	12.3	1.9		90																							
Wet Bulb	2395599	44123	53.9	4.756	819			.9				90																							
Dew Point	1732484	37268	45.5	6.692	819			4.2				90																							

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

71200 COLD LAKE APT CV
STATION STATION NAME

73-82
YEARS

JUN
MONTH

PAGE 1 2100-2300
NO. OF PAGES

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																
78/ 77																																		1	1			
76/ 75											.1																							1	1			
74/ 73											.1	.2																						3	3			
72/ 71							.1			.6	.7	.4																						17	17			
70/ 69				.1	.2	.2					.8	.1																						13	13			
68/ 67				.2	.4	1.1	1.6	1.4	.6																									45	45			
66/ 65						1.5	1.2	.4	.4	.1																								30	30	4		
64/ 63			.9	1.8	1.4	2.1	.5	.1																										58	58	4	4	
62/ 61		1.1	1.3	1.9	2.2	1.8	.7	.1																										77	77	19	2	
60/ 59		1.2	1.8	2.2	2.2	1.3	.2	.1																										75	75		5	
58/ 57		2.1	2.9	3.2	2.0	1.5	.4																											103	103	73	17	
56/ 55	.2	2.7	3.2	2.4	3.1	.5	.1																											103	103	98	43	
54/ 53	.4	2.0	4.2	2.6	1.8	.5																												97	97	120	49	
52/ 51	.7	2.8	2.4	1.8	.7	.5																												75	75	117	79	
50/ 49	.4	4.2	4.0	1.4	.6																													90	90	130	155	
48/ 47	.1	1.9	.9	.6																														30	30	126	106	
46/ 45	.4	1.1	.8	.2																														21	21	59	134	
44/ 43	.1	.5	.2	.1																														8	8	34	71	
42/ 41		.2																																2	2	18	69	
40/ 39																																					6	43
38/ 37																																				1	33	
36/ 35																																						18
34/ 33																																						8
32/ 31																																						13
TOTAL	2.2	9.8	3.1	4.6	6.8	1.5	5.4	2.1	.2	.1																									849	849		849

Element (X)	ΣX^2	ΣX	R	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	4395553	59711	70.3	5.204	849	+ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total
Dry Bulb	2795525	48377	57.0	6.327	849			8.5	.5			90
Wet Bulb	2274231	43749	51.5	4.837	849							90
Dew Point	1886668	39722	46.8	5.767	849		1.4					90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-82

JUN

PAGE 1

ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26-27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point												
88/ 87												.0						.0					.0					4	4						
86/ 85												.0	.1	.1	.1	.0	.0											24	25						
84/ 83												.0	.0	.1	.1	.1	.0											27	27						
82/ 81									.0	.1	.1	.1	.2	.1	.1	.1												46	46						
81/ 79								.0	.0	.1	.0	.2	.2	.1														47	47						
79/ 77								.0	.0	.1	.3	.3	.3	.0														72	72						
78/ 75						.1	.1	.1	.2	.4	.5	.4	.0															116	116						
74/ 73						.1	.1	.3	.6	.6	.7	.1	.0															172	172						
72/ 71				.0	.2	.3	.4	.9	.6	.6	.1	.0																217	217						
71/ 69	.0	.0	.1	.3	.1	1.1	.6	.7	.2	.1																		219	220	15					
69/ 67			.0	.3	.7	1.8	1.4	1.6	.7	.4	.0																	465	465	19	1				
68/ 65			.2	.4	1.2	1.0	.8	.9	.6	.1																		358	358	44	3				
64/ 63		.0	.4	1.0	1.4	1.4	1.4	.9	.3	.1																		454	454	91	16				
62/ 61		.3	.7	1.5	1.2	1.7	1.2	.3	.2																			452	452	184	22				
61/ 59	.0	.7	1.5	1.7	1.4	1.0	.5	.1																				473	475	389	69				
59/ 57	.1	1.1	1.9	2.0	1.2	1.1	.3	.1																				516	516	552	89				
56/ 55	.2	2.1	2.1	1.8	1.2	.4	.1																					523	523	774	182				
54/ 53	.2	2.5	2.6	1.5	1.2	.3																						544	546	855	324				
52/ 51	.3	3.2	1.9	1.3	.4	.2																						490	490	959	563				
50/ 49	.8	4.5	2.8	.9	.4	.0																						625	525	922	1192				
49/ 47	.4	2.7	1.2	.4	.1	.0																						321	322	765	767				
48/ 45	.4	2.1	.7	.2																								225	226	459	1902				
44/ 43	.1	1.3	.3	.1																								120	120	283	568				
42/ 41	.2	.9	.1																									77	77	183	575				
40/ 39	.1	.4	.1																									46	46	112	419				
38/ 37	.2	.2	.0																									31	31	55	349				
36/ 35	.1	.1	.0																									17	17	20	236				
34/ 33	.0	.1																										7	7	15	131				
32/ 31																																148			
30/ 29																																19			
28/ 27																																9			
26/ 25																																3			
24/ 23																																1			
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						± 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 10 26 3 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711230 COLD LAKE APT CN 73-32 JUN
STATION STATION NAME YEARS

PAGE 7 ALL

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL				TOTAL
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
TOTAL	7.2	22.2	16.7	13.0	11.7	9.7	7.5	6.6	4.5	3.3	1.6	.6	.1	.0	.0	.0		6686	6694	6686	6686															

Element (X)	Σx²	Σx	X̄	sₓ	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	32011901	442223	66.1	0.329	6686							
Dry Bulb	23485897	391613	58.5	9.275	6694			151.6	54.5	11.2		720
Wet Bulb	18044789	345283	51.6	5.651	6686			3.7				720
Dew Point	14232179	305727	45.7	6.144	6686	19.4		.1				720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN STATION NAME

73-82 YEARS

JUL

PAGE 1 0000-0200

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
77/ 71			.1			.1												2	2																
77/ 69			.3	.1	.3		.1											5	8	1															
67/ 67		.1	.5	.1	.5	.5												16	16	1	1														
67/ 65		.5	1.1	1.0	.3	.1												27	27	5	2														
64/ 63	.2	2.4	1.7	2.8	.2	.1												66	66	21	13														
61/ 61	.3	2.8	3.3	1.5	.2	.1												73	73	31	25														
59/ 59	.5	7.0	4.4	1.5	.3													122	122	69	28														
57/ 57	.8	6.7	4.3	1.4														116	116	146	74														
55/ 55	1.0	7.0	4.3	1.3	.3													121	121	132	109														
53/ 53	.8	6.6	3.4	1.6	.1													112	112	133	122														
51/ 51	1.2	5.7	3.2	.5														94	94	119	124														
49/ 49	1.0	7.0	2.4	.1	.1													94	94	103	175														
47/ 47		2.2	.2															20	20	75	62														
45/ 45	.3	.7																9	9	25	67														
44/ 43	.1	.1																2	2	9	41														
42/ 41		.1																1	1	1	12														
41/ 39																				1	7														
37/ 35																					1														
TOTAL	6.5	5.9	2.9	2.1	1.7	2.6	.8	.2										883	883	883	883														

Element (X)	ΣX^2	ΣX	\bar{X}	S_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6399636	74692	84.6	9.614	883	≤ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total
Dry Bulb	2841258	49890	56.5	5.045	883			2.7				93
Wet Bulb	2580592	47562	53.9	4.625	883			.2				93
Dew Point	2391072	45742	51.8	4.937	883			.1				93

USAFETAC FORM 0 263 01A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-82

JUL

STATION

STATION NAME

YEARS

PAGE 1 0300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
69/69				.1														1	1																
67/67		.1	.2															3	3																
65/65					.1													2	2	1	1														
63/63	.3	1.5	.6	1.2														31	31	7	4														
61/61	.3	2.9	2.1	.8	.1													56	56	21	16														
59/59	.9	3.7	2.3	.5	.2	.2												59	69	36	29														
57/57	1.9	8.0	1.7	.8	.1													111	111	105	47														
55/55	2.3	6.5	3.1	.1														121	121	132	92														
53/53	2.3	9.0	2.8	.8	.1													131	131	123	122														
51/51	1.6	9.9	2.1	.2														123	124	132	107														
49/49	2.4	8.6	2.4	.5														122	122	126	192														
47/47	.9	4.9	.7															57	57	87	89														
45/45	.3	3.8																37	37	54	64														
43/43	.7	1.0																15	16	36	56														
41/41	.2	.1																3	3	11	23														
39/39	.1	.1																2	2	3	16														
37/37	.1																	1	1	1	5														
TOTAL	13.9	62.4	13.0	4.7	.9	.2												885	987	845	985														

Element (X)	Z ₁	Z _x	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total
Rel. Hum.	7016402	78452	88.6	8.369	885							93
Dry Bulb	2603577	47855	54.0	4.952	887			4				93
Wet Bulb	2424925	46135	51.1	4.746	885							93
Dew Point	2292656	44824	50.6	5.032	985							93

USAFETAC FORM 10-73 (UNCLASSIFIED) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
STATION STATION NAME

73-80

JUL

PAGE 1 2622-0822

Temp. (F)	WET BULB TEMPERATURE DEPRESSION F																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
71/71			.1	.2	.1	.1												5	5																
70/69			.5	.2	.2	.2												10	10	1															
69/67			.7	.3	2.1	.3	.1											31	31	2	1														
68/65		.5	1.7	1.5	.7	.7												41	41	8	2														
67/63		2.2	3.1	3.9	1.4	.1												93	93	13	13														
66/61	.7	3.2	3.7	2.1	1.0	.2												91	91	52	23														
65/59	.3	5.6	4.3	3.1	.9	.1												125	125	97	41														
64/57	.8	6.8	5.2	.9	.5	.3												126	126	145	60														
63/55	.5	6.2	4.4	1.4	.7													111	111	147	128														
62/53	.7	6.3	3.6	.7														95	95	140	126														
61/51	1.0	4.6	2.1	.2	.1													70	70	121	137														
60/49	1.3	3.6	1.0	.2	.1													54	54	86	174														
59/47	.1	1.0	.1	.1														12	12	46	64														
58/45	.2	.2	.1															5	5	15	70														
57/43		.1																1	1	2	13														
56/41																					4														
55/39																					6														
54/37																					1														
53/35																					1														
52/33																					1														
51/31																					1														
TOTAL	5.2	40.0	33.5	14.9	7.5	1.8	.1											870	870	670	870														
Element (X)																					Σx²	Σx	̄x	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total				
Rel. Hum.		5333529	71215	61.9	0.947	870	≤ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F																							
Dry Bulb		2939157	50379	57.9	5.016	870			4.9				43																						
Wet Bulb		2619705	47591	54.7	4.340	870			.3				93																						
Dew Point		2391026	45420	52.2	4.772	870	.1	.1					93																						

U.S. AFETAC FORM 1 JUN 51 0 26 3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711250 COLD LAKE APT ON 73-92 JUL
 STATION STATION NAME YEARS
 PAGE 1 1900-1100

USAFETAC FORM 0 26 3 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
74/ 53								.1										1		1															
73/ 51						.3		.1	.1	.1								6		5															
72/ 49						.2	.4	.5	.3		.1							10		17															
71/ 47			.1	.1	.6	.5	.3	.3										17		17															
70/ 45			.2	.5	.3	1.1	.6	.5		.2			.1					31		31															
69/ 43		.1	.3	.3	1.5	2.1	.7		.1	.1								47		47															
68/ 41		.3	.7	2.1	2.3	.8	.7		.2									58		58	5														
67/ 39		.9	.9	2.9	2.6	2.4	.7	.1										93		93	7														
66/ 37	.1	.6	2.3	5.2	5.2	1.3	.3											135	135	20	7														
65/ 35	.3	1.4	3.3	3.8	1.3	1.7	.6											99	99	79	5														
64/ 33	1.6	1.4	3.0	2.6	2.1	.8	.2											102	102	69	23														
63/ 31	1.6	2.9	1.7	2.4	1.1	.2												67	87	128	28														
62/ 29	.2	1.3	2.5	2.2	.7	.2	.2											64	64	151	56														
61/ 27	1.5	1.3	1.9	.1	.7													51	51	163	90														
60/ 25	.1	2.1	1.7	.9	.2													36	38	116	106														
59/ 23	.1	1.8	.6	.1	.1													24	24	96	129														
58/ 21	.5	.1			.1													7	7	55	122														
57/ 19	.1				.2													3	3	26	143														
56/ 17																				5	63														
55/ 15																					47														
54/ 13																				1	15														
53/ 11																				2	14														
52/ 9																					14														
51/ 7																					3														
50/ 5																					2														
49/ 3																					1														
48/ 1																					4														
TOTAL	.3	1.3	2.6	1.7	1.1	1.9	4.1	3.1	4.8	1.4	.6	.3		.1				873	873	873	873														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3567518	50732	65.7	4.553	873	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	3779743	57167	65.5	6.211	873			42.4	11.9	.9		93
Wet Bulb	2970281	50773	58.2	4.402	873			3.4				93
Dew Point	2455529	46341	52.7	5.604	873		.4	.7				93

FEDERAL BUREAU OF SURVEY
 NATIONAL CENTER FOR ENVIRONMENTAL HEALTH
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711203 COLD LAKE APT CN 73-82 JUL
 STATION STATION NAME YEARS
 PAGE 1 1220-1403

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
87									.1	.2	.1																					4	4			
86									.1	.5												.1										6	6			
84									.5	.7	.3											.3										16	16			
81								.1	.6	.8	1.4	.6									.1	.2									33	33				
79										1.3	1.9	.7	.5	.1																	38	38				
77								.3	1.3	2.1	2.1	.3																			53	53				
76					.1	.7	.7	2.1	1.3	2.6	.8	.3																			72	72				
74					.3	.5	.9	2.3	2.6	1.5	.5																				74	74				
71					.5	.5	1.2	2.4	3.5	2.3	.2	.1																			92	92	4			
69				.5	.2	1.3	1.5	3.6	1.9	.5	.2																				83	83	18			
67				.8	1.0	2.7	4.2	2.6	2.3	.6																					122	122	29			
65		.1	1.2	.9	1.3	1.7	1.7	.9																							68	68	53	9		
63		.7	1.6	1.2	.8	1.7	.7	.2																							60	60	87	26		
61		.5	.8	1.7	.8	.9	.7																								50	50	126	33		
59		.7	1.5	.7	.8	.2																									34	34	157	52		
57		.1	1.3	.7	.5	.2	.3																								27	27	142	52		
55		.1	.8	.2	.2	.1	.1																								14	14	97	88		
53		.1	.8	.1	.2	.1																									12	12	79	29		
51		.7																													3	3	38	110		
49																																		16	135	
47																																	3	89		
45																																		2	74	
43																																			36	
41																																			12	
39																																			5	
37																																			1	
35																																			1	
33																																			1	
31																																			1	
TOTAL	.3	5.6	7.4	7.7	9.6	4.1	8.1	7.2	4.1	3.9	1.2	.8																					861	861	861	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						+ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total
Rel. Hum.	2788152	47130	54.7	5.564	861							
Dry Bulb	4219265	59967	69.6	7.045	861			64.1	32.0	6.5		93
Wet Bulb	333529	50955	59.2	4.569	861			5.5				93
Dew Point	2325538	44446	51.6	6.021	861			.1				93

USAFETAC FORM 10 26-3 01-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
 STATION STATION NAME

73-82
 YEARS

JUL
 MONTH

PAGE 1 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Div. Bulb	Wet Bulb	Dew Point														
65/ 87								.1	.1	.1								3	7																
66/ 85								.1	.2	1.0	.5	.6		.3				24	24																
64/ 83								.1		.5	.3	.1	.2					11	11																
62/ 81								.3		1.2	1.2	1.5	.8	.3				48	48																
61/ 79								.5	.2	1.3	3.2	1.1	.7					59	59																
71/ 77								.5	.6	1.5	2.2	.8	.1					49	49																
61/ 75								.7	.8	1.7	2.3	1.2	1.0	.2				67	67																
74/ 73				.2	.5	1.5	2.6	3.5	2.2	1.0	.3							104	104																
61/ 71				.5	.9	1.0	1.4	3.1	1.9	.8								84	84	10															
71/ 69			.2	.5	1.7	.6	3.0	2.8	1.5	.3								87	87	19															
68/ 67			.8	.7	1.8	2.4	3.7	2.3	.2									98	98	28	5														
66/ 65			.9	1.5	1.0	1.7	1.1	1.0	.2									66	66	65	5														
64/ 63		1.0	2.7	1.4	1.0	1.6	.7	.5										78	78	103	28														
62/ 61		.3	.3	1.0	.5	1.4	.1											32	32	130	38														
67/ 59	.1	.8	1.1	.3	.2	.2	.2											27	27	156	47														
66/ 57		.7	.3	.8	.1		.1											18	18	127	68														
57/ 55		.6	.3	.1	.1													10	10	114	73														
64/ 53	.3	.5	.6	.1														13	13	71	97														
62/ 51			.1															1	1	39	68														
51/ 49		.1																1	1	12	146														
46/ 47																				4	95														
46/ 45																					79														
44/ 43																					37														
42/ 41																					38														
47/ 39																					15														
39/ 37																					9														
36/ 35																					8														
34/ 33																					4														
TOTAL	.5	4.0	7.5	7.0	7.5	12.4	14.9	19.4	15.5	7.5	3.0	.6	.3					880	880	880	880														
Element (X)	Z _x ²	Z _x	X	Σ _x	No. Obs.	≤ 0 F	≤ 32 F	Mean No. of Hours with Temperature				Total																							
Rel. Hum.	2644109	46073	52.4	6.170	880			≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																								
Dry Bulb	4447549	62239	70.7	7.205	880			67.0	38.6	9.7		93																							
Wet Bulb	3131833	52338	59.5	4.654	880			6.2	.2			93																							
Dew Point	2349272	45120	51.3	6.386	880			.5				93																							

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
 STATION STATION NAME

73-82
 YEARS

JUL
 MONTH

PAGE 1 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																				
74/ 77				.1																													1	1							
76/ 75				.2	.2			.1																										5	5						
74/ 73				.2	.5	.1	.1																											12	12						
72/ 71				.7	.5	.5	.3	.2																											19	19	1				
70/ 69			.5	1.2	1.6	.6	.6																												40	40	3				
68/ 67			1.2	2.6	3.3	2.3	.7																												86	86	9	3			
66/ 65		.3	2.5	3.3	2.3	.9	.1																												83	83	20	5			
64/ 63	.1	2.4	4.6	4.4	2.6	.6	.2																												132	132	39	22			
62/ 61		3.0	3.8	3.3	2.5	.3																														113	113	92	28		
60/ 59	.5	2.4	3.4	4.1	.9	.3	.1																													102	102	137	72		
58/ 57	.1	3.7	3.0	2.7	.9	.2																														89	89	141	75		
56/ 55	.1	3.4	3.2	2.6	.8	.1																														90	90	135	107		
54/ 53	.5	2.7	2.5	.9	.1																															58	58	121	131		
52/ 51	.6	2.0	1.5	.6	.2																															43	43	96	115		
50/ 49		1.0	.6																																	14	14	56	169		
48/ 47																																						33	68		
46/ 45	.1																																				1	1	5	58	
44/ 43																																								18	
42/ 41																																								10	
40/ 39																																							3		
38/ 37																																							3		
36/ 35																																							1		
TOTAL	1.9	20.9	26.8	25.8	16.1	6.2	1.9	.3																														888	888	888	
Element (X)	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	No. Obs.	Mean No. of Hours with Temperature					Total																										
Rel. Hum.	5117937	66583	75.0	1.894	888	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																													
Dry Bulb	3341695	54255	61.1	5.499	888			17.1	1.9			93																													
Wet Bulb	2841768	50072	56.4	4.547	888			1.4				93																													
Dew Point	2499022	46888	52.8	5.120	888			.3				93																													

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
STATION STATION NAME

73-82
YEARS

JUL
MONTH

PAGE 1

ALL
MONTHS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24	25	26-27	28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
88/ 87										.0	.0	.0																					7	7			
86/ 85										.0	.0	.2	.1	.1	.0	.0																	32	32			
84/ 83									.0	.0	.1	.2	.1	.0	.1																		37	37			
82/ 81									.1	.1	.4	.4	.3	.1	.1																		108	108			
80/ 79								.0	.1	.2	.4	.7	.3	.2	.0																		134	134			
78/ 77					.0	.0	.3	.4	.6	.7	.2	.0																					156	156			
76/ 75				.0	.1	.3	.3	.8	.6	.6	.3	.1			.0																		219	219			
74/ 73			.0	.2	.3	.8	1.2	1.1	.6	.2	.1																						311	311	4		
72/ 71			.0	.3	.5	.9	1.0	1.2	.7	.2	.0																						339	339	27		
70/ 69			.4	.5	1.1	.8	1.7	.9	.4	.1																							416	416	57	1	
68/ 67		.0	.7	1.1	2.3	2.3	1.4	.9	.1																								619	619	116	21	
66/ 65		.2	1.3	1.5	1.4	1.0	.7	.4	.1																								466	466	243	37	
64/ 63	.1	1.7	2.3	2.4	1.3	1.0	.4	.1																									649	649	422	149	
62/ 61	.1	2.0	2.3	1.7	1.1	.7	.1	.7																									569	569	702	246	
60/ 59	.3	2.8	2.7	1.7	.6	.2	.1																										586	586	942	377	
58/ 57	.5	3.8	2.2	1.1	.3	.2	.1																										573	573	1100	541	
56/ 55	.5	3.7	2.2	.9	.2	.0	.0																										525	525	1005	793	
54/ 53	.6	3.6	1.8	.5	.1																												455	455	835	918	
52/ 51	.6	2.9	1.2	.2	.0	.0																											344	345	651	905	
50/ 49	.6	2.6	.8	.1	.1																												290	290	442	1273	
48/ 47	.1	1.0	.1	.0																													89	89	262	628	
46/ 45	.1	.6	.0																														52	52	122	548	
44/ 43	.1	.2																															18	19	48	259	
42/ 41	.0	.0																															4	4	18	143	
40/ 39	.0	.0																															2	2	4	82	
38/ 37	.0																																1	1	1	40	
36/ 35																																					23
34/ 33																																					11
32/ 31																																				6	
TOTAL	3.6	25.1	18.0	12.4	9.7	8.8	8.2	6.8	4.7	1.9	.6	.2	.1																				7001	7001	7001	7001	

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

Element (X)	Z _x ¹	Z _x	X	S _x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hum.	36940329	491403	70.2	8.703	7001	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	28189432	440302	62.9	8.502	7003			252.6	106.7	20.6		744
Wet Bulb	22594942	396026	56.6	5.250	7001			21.7	.4			744
Dew Point	19070924	363312	51.9	5.569	7001		.6	2.3				744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 AUG 3000-0200
STATION MONTH
STATION NAME YEARS
 PAGE 1 3000-0200
HOURS LAST

USAFETAC FORM 0-26.3 (O-LA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
74/ 72											.1								1	1															
72/ 71											.1								1	1															
70/ 69							.4												4	4															
68/ 67				.4	.3	.3	.2												12	12															
66/ 65		.1	.7	.4	.2			.1	.1										15	15															
64/ 63	.1	1.3	1.2	1.1	.1														35	35	2	2													
62/ 61	.2	3.1	1.8	1.5	.2														61	61	32	8													
60/ 59	.2	3.7	2.2	1.9	.1														65	65	51	31													
58/ 57	.9	4.3	2.1	.4															67	67	89	55													
56/ 55	1.1	4.2	2.6	1.9															80	80	83	74													
54/ 53	1.7	5.5	3.1	.4															96	96	97	67													
52/ 51	2.6	6.9	3.5	.6															101	121	116	96													
50/ 49	2.8	8.6	3.1	.1															131	131	120	176													
48/ 47	.9	5.4	1.6		.1														71	71	94	100													
46/ 45	.7	4.0	.8	.1															50	51	73	103													
44/ 43	.6	1.9		.1															23	23	51	56													
42/ 41	.4	1.7	.4																23	23	27	41													
40/ 39		1.6	.6																19	19	23	21													
38/ 37	.2	1.6	.1																17	17	23	24													
36/ 35		.3	.1																4	4	12	15													
34/ 33																					2	15													
32/ 31																					1	11													
26/ 25																						1													
TOTAL	12.4	53.9	23.9	7.3	1.1	.3	.7	.3	.1											896	896	896													

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6775066	77406	86.4	9.911	896			1.9	.1			93
Dry Bulb	2549489	47443	52.9	6.698	897							93
Wet Bulb	2334227	45407	50.7	6.083	896		.1					93
Dew Point	2170678	43738	48.8	6.309	896		1.2					93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
STATION STATION NAME

73-0
YEARS

AUG
MONTH

PAGE 1 0300-0500
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
69/69							.1											1	1																
68/67						.2												2	2																
66/65				.2	.1													3	3																
64/63		.9	.6	.7	.2													21	21																
62/61	.1	2.0	.6	.6	.1													30	37	12	2														
60/59	.2	2.6	.9	1.3														45	45	29	20														
58/57	1.0	4.7	2.1	.8	.1													79	79	61	40														
56/55	2.2	4.2	2.0	.2														78	78	76	63														
54/53	1.7	4.9	1.1	.4														73	73	92	60														
52/51	3.3	6.6	1.9	.1														108	108	112	93														
50/49	4.7	9.1	3.1															153	153	113	175														
48/47	2.1	7.0	1.5															96	96	110	92														
46/45	2.0	6.5	.6															82	82	112	131														
44/43	1.0	2.8	.1															35	35	64	72														
42/41	1.2	2.4	.2															35	35	38	46														
40/39	.4	2.0	.6															27	27	32	32														
38/37	.3	1.9																20	20	30	27														
36/35		.4																4	5	13	21														
34/33	.1	1.0																10	10	9	9														
32/31	.1	.2	.1															4	4	2	20														
30/29																				3															
28/27																					2														
26/25																					1														
TOTAL	20.5	59.2	15.1	4.3	.6	.2	.1													906		906													

Element (X)	Z _X '	Z _X	X̄	s _X	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	7343229	81197	89.6	8.555	906							
Dry Bulb	2363710	45918	50.6	6.566	907		.4	.3				93
Wet Bulb	2211926	44418	49.0	6.153	906		.5					93
Dew Point	2092705	43169	47.6	6.289	906		2.4					93

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

PSYCHROMETRIC SUMMARY

7:12JD COLD LAKE APT CN

73-82

AUG

STATION

STATION NAME

YEARS

PAGE 1 0670-0800

HOURE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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			
77/ 59					.1																													1	1			
66/ 67			.2	.4	.7	.1																											13	13				
66/ 65			.4	1.1	.2	.1																											17	17				
64/ 63		.6	1.7	1.5	.1																												34	34	3			
62/ 61	.1	1.6	1.9	.9	.6	.1																											46	46	22	6		
60/ 59	.4	4.0	2.1	1.2	.3																												73	73	49	22		
59/ 57	.4	3.9	2.5	.9	.1																												70	70	96	47		
56/ 55	1.6	4.6	2.9	.4	.1																												86	86	76	82		
54/ 53	1.5	6.6	3.3	1.2																													110	110	113	70		
52/ 51	2.0	6.0	2.6	.8																													101	101	128	112		
51/ 49	2.2	7.9	3.4	.1																													121	122	97	168		
49/ 47	.5	6.1	1.8																														75	75	97	80		
48/ 45	1.3	4.3	.9																														58	58	92	111		
44/ 43	.3	2.4	.2	.1																													27	27	51	64		
42/ 41	.3	2.1	.2																														24	24	31	36		
41/ 39	.3	.8	.6																														15	15	24	41		
38/ 37	.1	.4	.1																														6	6	16	17		
36/ 35	.1	.3																															4	4	4	12		
34/ 33		.3	.1																														4	4	5	7		
31/ 31	.1	.2																															3	3	4	9		
29/ 29																																				1	3	
28/ 27																																					2	
TOTAL	11.6	22.2	25.0	8.5	2.1	.4	.1																												889	889	889	

Element (X)	Z _X ¹	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6676347	76575	86.1	9.520	889							
Dry Bulb	2518956	46980	52.8	6.627	890		.3	1.6				93
Wet Bulb	2301959	44923	50.5	5.994	889		.5					93
Dew Point	2137970	43256	48.7	6.121	889		1.5					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 STATION COLD LAKE APT CN 73-82 YEARS AUG 1900-1100
 PAGE 1 3900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point													
81/ 81									.1	.1								2	2																
79/ 79							.6	.1	.2									8	8																
77/ 77					.2	.1	.3	.6										11	11																
75/ 75				.2	.8	.3	.3											19	19																
73/ 73				.4	1.0	.7	.4											23	23																
71/ 71			.3	.8	.8	.7	.2											25	25																
69/ 69		.2	.6	2.7	.8	.7	.1											45	45																
67/ 67	.1	.4	1.2	3.3	2.1	.9	.3											76	76	6															
65/ 65		1.6	2.0	3.6	1.2	.3	.2											80	80	35	1														
63/ 63	.8	1.1	2.4	2.6	1.4	.6												80	81	51	9														
61/ 61	1.2	1.9	3.6	1.9	.8	.1												84	84	64	25														
59/ 59	.1	1.1	2.3	2.3	1.1	.4	.1											68	69	94	43														
57/ 57	.3	2.7	1.7	2.9	1.6	.6												87	87	110	61														
55/ 55	.4	2.6	2.6	2.4	1.4	.6												92	90	123	86														
53/ 53	.3	2.6	2.6	1.2	.9	.3												71	71	110	108														
51/ 51	.2	1.9	1.2	1.4	.4													47	47	125	122														
49/ 49		1.3	1.7	1.1	.4													41	41	65	153														
47/ 47		.6	.9	.8	.2													22	22	53	85														
45/ 45	.1	.8	.4	.1	.1													14	14	34	73														
43/ 43		.3	.1															4	4	26	43														
41/ 41				.2														2	2	14	42														
39/ 39																				4	22														
37/ 37				.1														1	1	1	22														
35/ 35																				2	10														
33/ 33																					8														
31/ 31																					1	5													
29/ 29																					1														
27/ 27																					1														
25/ 25																					1														
23/ 23																					1														
TOTAL	1.6	15.9	18.7	22.8	21.6	11.0	4.9	2.4	.9	.3								900	931	900	900														
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	4548480	62740	69.7	3.944	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	3366034	54640	60.6	7.635	900			21.6	6.5	.2		93																							
Wet Bulb	2732180	49298	54.8	5.953	900			.1	.6			93																							
Dew Point	2102443	45143	50.2	6.512	900			.9				93																							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE (JUN 7)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-32 AUG 1270-1400
 STATION STATION NAME 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																
88/ 87											.1																									1	1
86/ 85											.3	.7	.6																						14	14	
84/ 83							.1	.1	.3	.3	.5																								12	12	
82/ 81								.3	.7	1.1	.2	.1																							22	22	
80/ 79							.3	.2	.7	.7	.9	.1																							26	26	
78/ 77						.2	.7	1.4	.7	.7	.3																								35	35	
76/ 75							.6	.9	.8	.7																									26	26	
74/ 73							.6	1.2	1.1	.2																									36	36	
72/ 71				.5	.5	1.2	1.5	1.5	.9	.1																									53	53	
70/ 69			.1	.2	1.2	.8	3.5	1.7	.2																										69	69	
68/ 67			.5	1.2	2.9	4.8	2.9	1.4																											121	121	
66/ 65		.1	.6	1.1	1.2	2.8	1.2	.5	.2																										75	75	
64/ 63		.1	.9	.9	2.4	2.2	1.2	.2	.1																										70	70	
62/ 61		1.5	.5	.9	1.3	1.8	.6	.1																											56	56	
60/ 59		.5	.9	2.2	1.2	1.7	.6	.3																											66	77	
58/ 57	.3	1.1	.9	1.4	.9	1.4	.6																												57	57	
56/ 55	.3	1.7	.8	.5	1.1	.6	.1																												45	45	
54/ 53	.1	1.2	.8	.1	.9	.6																													33	33	
52/ 51	.1	.8	.7	.5	.9																														24	24	
50/ 49	.2	.5	.6	.5	.5	.2																													22	22	
48/ 47		.9	.3	.1	.2																														14	14	
46/ 45		.1	.2																																3	3	
44/ 43		.1																																	1	1	
42/ 41																																					
40/ 39																																					
38/ 37																																					
36/ 35																																					
34/ 33																																					
32/ 31																																					
28/ 27																																					
TOTAL	1.1	9.6	7.6	10.1	5.3	20.4	17.4	9.4	4.4	3.4	1.6	.7																						983	985		

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3235290	51558	58.4	5.966	883	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	3851727	57877	65.4	8.686	885			43.6	18.1	5.3		93
Wet Bulb	2942401	49819	56.4	5.986	883			3.3				93
Dew Point	2200485	43665	49.5	6.836	883		1.4					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CV

73-82

AUG

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																
92/ 91														.1																			1	1			
91/ 89														.1	.1																		2	2			
89/ 87															.6																		5	5			
86/ 85														.5	.3	.4																	12	12			
84/ 83													.2	.2																			17	17			
82/ 81												.7	.7	.6	.7	.1																	24	24			
81/ 79								.3	1.1	1.7	.4	.5																					33	33			
78/ 77					.1	.6	.7	.6	.6	.8		.1																					32	32			
76/ 75					.1	.7	.4	1.5	.4	.3		.1																					32	32			
74/ 73				.3	.2	.7	1.2	2.5	.7	.2																							53	53			
72/ 71				.1	.4	1.1	1.3	2.7	.9	.2																							60	60			
71/ 69			.4	.4	.9	1.0	3.2	1.5	.3																								68	69			
68/ 67			.2	1.7	1.7	4.4	2.3	3.1																									120	120	6	26	
66/ 65			1.0	.4	.4	1.6	1.1	1.1	.3																								54	54	52	4	
64/ 63		.3	.6	1.2	1.3	1.1	1.7	.4																									60	60	61	9	
62/ 61		.9	.7	.9	1.7	1.7	.9	.2																									61	61	97	31	
60/ 59	.3	.3	.9	2.6	1.1	1.1	.7	.2																									65	65	110	37	
58/ 57	.4	1.5	1.8	.7	.9	1.5	.1																										61	61	131	44	
56/ 55	.4	1.1	1.5	.7	.8	1.3																											52	52	100	67	
54/ 53		.7	.4	.6	.3	.4																											22	22	92	70	
52/ 51		.7	.8	.8	1.1	.4																											34	34	68	92	
50/ 49		.2	.4	.4	.8																												17	17	57	175	
48/ 47		.4	.6																														9	9	39	76	
46/ 45																																				29	93
44/ 43		.1																															1	1	21	45	
42/ 41																																				6	45
40/ 39																																					33
38/ 37																																					32
36/ 35																																					16
34/ 33																																					19
32/ 31																																					8
30/ 29																																					2
TOTAL	1.2	6.3	9.3	10.7	12.0	17.5	14.1	15.8	5.4	3.6	2.5	1.0	.7	.1																				895	895	895	
Element (X)	ΣX²	ΣX	X̄	σ _n	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.	3097869	50489	56.4	16.711	895	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	3994048	59252	66.2	8.935	895			47.7	21.9	6.3																										93	
Wet Bulb	2894894	50622	56.6	5.952	895			3.3																												93	
Dew Point	2198957	43923	49.1	6.967	895			1.0																												93	

USAFETAC FORM JUN 71 0 26 3 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7:1210 COLD LAKE APT ON 73-52

AGG
MONTH

PAGE 1 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																		
87/89																																	1	1					
86/88																																	3	7					
84/83																																	7	7					
82/81																																		11	11				
80/79																																		9	9				
78/77																																			26	26			
76/75																																			25	25			
74/73																																			36	36			
72/71																																			39	39			
70/69																																			47	47		4	
68/67																																			89	89	16	1	
66/65																																			66	66	40	4	
64/63																																			70	70	57	13	
62/61																																			70	70	59	23	
60/59																																				74	75	109	36
58/57																																				74	74	120	63
56/55																																				73	73	120	66
54/53																																				56	56	95	66
52/51																																			40	40	92	93	
50/49																																			34	34	64	156	
48/47																																			16	16	41	66	
46/45																																			11	11	37	61	
44/43																																			2	2	26	45	
42/41																																						14	32
40/39																																					3	29	
38/37																																						32	32
36/35																																						12	12
34/33																																						13	13
32/31																																						7	7
30/29																																						1	1
TOTAL	1.8	1.9	5.7	9.2	16.8	14.4	10.1	4.6	2.7	1.5	.8	.2					.1																		879	880	879		
																																					879		
Element (X)	Σx'		Σx		\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.	3961454		57308		65.2	6.014	879	≤ 0 F	≤ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total																									
Dry Bulb	3510305		55077		62.6	8.478	879			31.0	12.5	2.4		93																									
Wet Bulb	2738891		48771		55.5	6.117	879			2.1				93																									
Dew Point	2228289		43849		49.9	6.823	879		.8	.1				93																									

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
 STATION STATION NAME

73-82

AUG

PAGE 1 2100-2700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
78/ 77												.1																				1	1			
76/ 75												.1																				1	1			
74/ 73										.2	.3	.3																			3	8				
72/ 71				.1	.3	.4				.1	.6																				14	14				
70/ 69			.3	.1	.2	.4				.2	.4																				18	18				
68/ 67			.9	1.6	1.8	.8																									45	45	2			
66/ 65		.3	1.8	.8	.8	.1	.1																								35	35	7	2		
64/ 63		1.8	2.0	2.3	.6	.6																									65	65	29	7		
62/ 61		1.6	2.2	2.3	.5	.3																									60	60	63	27		
60/ 59	.6	3.3	3.0	2.4	.6																										89	81	66	28		
58/ 57	.9	2.8	3.0	2.3	.4																										85	85	98	61		
56/ 55	1.2	2.8	3.3	1.7	.3																										84	84	94	77		
54/ 53	1.4	3.9	3.6	1.2	.3	.1																									95	95	123	65		
52/ 51	1.8	4.7	3.3	1.2	.1																										100	101	102	125		
50/ 49	.7	5.1	3.4	.9		.1																									92	92	94	144		
48/ 47		1.1	2.0	.2																											30	30	82	64		
46/ 45	.3	2.0	.8	.6																												33	33	49	67	
44/ 43	.1	.8	.8	.2																												17	17	36	43	
42/ 41		1.3	.3																													15	15	17	34	
40/ 39		1.0	.1																													10	10	27	26	
38/ 37		.2																														2	2	12	28	
36/ 35																																			1	14
34/ 33																																				13
32/ 31																																				3
30/ 29																																				1
TOTAL	7.3	52.7	31.0	17.9	6.8	2.6	1.4	.6																									899	892	899	

Element (X)	Σx^1	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature				
Rel. Hum.	5860490	71846	79.9	1.879	899	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F
Dry Bulb	2902277	50747	56.3	7.240	922			9.3	1.2	
Wet Bulb	2534144	47404	52.7	6.222	899			2.		
Dew Point	2273312	44828	49.9	6.505	899					.4

USAFETAC FORM 0 26 3 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

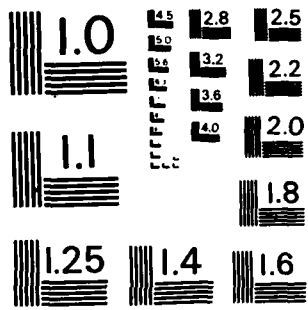
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COLD LAKE AIRPORT CANADA REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. MAR 83
UNCLASSIFIED USAFETAC/DS-83/007 SBI-AD-E850 371 F/G 4/2

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-62 AUG
 STATION STATION NAME YEARS MONTH

PAGE 1 ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																													
92/ 91																																		1	1															
90/ 89																								.0	.0	.0								3	3															
88/ 87																								.0	.1									6	6															
86/ 85																							.1	.1	.2									29	29															
84/ 83																							.0	.1	.2	.0									36	36														
82/ 81																							.0	.1	.2	.3	.1	.0								59	59													
80/ 79																							.1	.1	.2	.1	.0									76	76													
78/ 77																							.0	.3	.4	.3	.2	.1	.0							105	105													
76/ 75																							.3	.4	.2	.1	.0									103	103													
74/ 73																							.4	.3	.2	.1	.0										157	157												
72/ 71																							.5	.6	.4	.3	.2	.1	.0									193	193		1									
70/ 69																							.6	.7	.5	.4	.3	.2	.1	.0									253	253		18								
68/ 67																							.7	.8	.6	.5	.4	.3	.2	.1	.0									478	478		72							
66/ 65																							.8	.9	.7	.6	.5	.4	.3	.2	.1	.0									345	345		179						
64/ 63																							.9	.8	.7	.6	.5	.4	.3	.2	.1	.0									435	435		268						
62/ 61																							.0	.1	.2	.1	.0														468	468		431						
60/ 59																							.1	.2	.1	.0															547	553		632						
58/ 57																							.2	.1	.0																580	580		806						
56/ 55																							.3	.2	.1	.0															588	588		789						
54/ 53																							.4	.3	.2	.1	.0														556	556		798						
52/ 51																							.5	.4	.3	.2	.1	.0													575	576		792						
50/ 49																							.6	.5	.4	.3	.2	.1	.0												611	612		653						
48/ 47																							.7	.6	.5	.4	.3	.2	.1	.0												333	333		553					
46/ 45																							.8	.7	.6	.5	.4	.3	.2	.1	.0											251	252		447					
44/ 43																							.9	.8	.7	.6	.5	.4	.3	.2	.1	.0											110	110		296				
42/ 41																							.0	.1	.2	.1	.0															99	99		154					
40/ 39																							.1	.2	.1	.0																71	71		116					
38/ 37																							.2	.1	.0																	46	46		82					
36/ 35																							.3	.2	.1	.0																12	13		32					
34/ 33																							.4	.3	.2	.1	.0															14	14		16					
32/ 31																							.5	.4	.3	.2	.1	.0														7	7		8					
30/ 29																							.6	.5	.4	.3	.2	.1	.0															4	4		8			
28/ 27																							.7	.6	.5	.4	.3	.2	.1	.0																8	8		8	
26/ 25																							.8	.7	.6	.5	.4	.3	.2	.1	.0																3	3		3
Element (X)	Σ X		Σ X		Σ	σ _a	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 JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
 STATION STATION NAME

73-82
 YEARS

SEP
 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														
68/ 67																		1	1																
67/ 61			.1	.2	.2	.3	.1	.1										9	9																
66/ 59		.2	.5	.6	.2	.2												15	15																
58/ 57		.3	.3	.2	.5	.1												13	13	6															
56/ 55	.1	.9	1.4	.9														30	30	13	5														
54/ 53	.6	1.4	2.1	1.1	.5		.3											52	52	29	13														
52/ 51	1.0	2.4	2.4	1.0	.1													61	61	52	23														
50/ 49	2.4	6.7	4.9	1.7	.1	.1												140	140	88	78														
48/ 47	.3	3.9	4.3	1.1	.5													89	89	80	65														
46/ 45	1.0	7.9	2.6	.7	.1													108	108	97	90														
44/ 43	1.4	7.2	1.4	.5														91	91	129	85														
42/ 41	1.4	5.7	1.6	.1														77	77	107	111														
40/ 39	.9	5.5	1.7	.3														74	74	92	102														
38/ 37	.6	2.2	.7	.1														31	31	69	92														
36/ 35	.7	3.0	.3															35	35	33	62														
34/ 33	.2	1.9																19	20	41	42														
32/ 31	.7	.9	.7															20	20	17	49														
30/ 29		.6	.2															7	7	7	22														
28/ 27																				11	15														
26/ 25																				1	10														
24/ 23	.1	.2																3	3	2	2														
22/ 21		.3																3	3	3	5														
20/ 19																				1	5														
16/ 15																					2														
TOTAL	11.45	1.12	5.2	8.7	2.2	.9	.5	.1										878	879	878	878														
Element (X)	Z _g	Z ₁	X	Z ₂	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	6267011	73483	83.7	1.548	878	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																							
Dry Bulb	1863489	40027	45.5	6.815	879		3.4	.1				90																							
Wet Bulb	1671911	37925	43.2	6.203	878		4.3					90																							
Dew Point	1491966	35704	40.7	6.758	878		11.3					90																							

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-82

SEP

PAGE 1 0000-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point													
60/ 59			.1	.3		.3												7	7																
58/ 57		.2	.2	.1	.3													8	8		1														
56/ 55		.3	.1	.2	.1													7	7		4	1													
54/ 53	.6	.7	1.1	.8			.1											29	29		14	9													
52/ 51	.9	2.0	1.7	.5			.1											46	46		28	13													
50/ 49	1.9	8.5	4.1	.6			.1	.1										134	134		83	69													
48/ 47	1.8	3.6	2.5	.7	.1													77	77		89	60													
46/ 45	.8	9.2	2.7	.5	.1													117	117		77	92													
44/ 43	1.0	7.8	.9															86	86		109	66													
42/ 41	1.1	7.6	1.6															91	91		105	98													
40/ 39	2.0	5.4	.9															74	74		122	127													
38/ 37	2.4	4.2	.3															61	61		76	91													
36/ 35	1.0	4.4	.9															56	56		54	61													
34/ 33	.3	3.0	.3															32	32		46	59													
32/ 31	.7	2.8	.2															33	33		33	52													
30/ 29	.7	.7																12	12		24	36													
28/ 27	.2	.3																5	5		9	24													
26/ 25																					1	13													
24/ 23																						3													
22/ 21	.1	.3																4	4		1	1													
20/ 19	.2																	2	2		5														
18/ 17																						2													
16/ 15																						3													
14/ 13																						1													
TOTAL	15.9	61.3	17.8	3.6	.7	.5	.2												881	981		881	881												

Element (X)	Σ X'	Σ X	X	Σ X	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	6806109	76945	87.3	9.878	881							
Dry Bulb	1697331	38225	43.4	6.642	881		5.7					90
Wet Bulb	1563062	36706	41.7	6.192	881		7.5					90
Dew Point	1430269	35013	39.7	6.638	881		13.8					90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7112JO COLD LAKE APT CN

73-82

SEP

PAGE 1 0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
62/ 61			.1	.1	.1													3	3																
60/ 59			.1	.2														3	3																
58/ 57		.2	.1	.2	.4													8	8	1															
56/ 55	.2	.8	.4	.9	.4	.1												24	24	6	3														
54/ 53	.1	1.2	.5	.5	.1	.1												21	21	18	6														
52/ 51	.8	1.5	2.8	1.2														54	54	24	19														
50/ 49	2.2	7.6	3.9	.4	.4	.1												123	123	72	53														
48/ 47	1.5	4.7	2.4	.4														76	76	94	57														
46/ 45	1.3	7.9	2.2	.5	.1													102	103	88	98														
44/ 43	2.1	6.9	2.1	.2														96	97	102	81														
42/ 41	.9	7.2	.2	.2														73	73	91	80														
40/ 39	1.2	4.5	1.8	.1														64	64	103	106														
38/ 37	1.5	5.7	.4															64	64	71	79														
36/ 35	.6	5.1	.2															50	50	60	70														
34/ 33	.9	3.0	.6															38	38	50	65														
32/ 31	.8	1.9																23	23	32	59														
30/ 29	.6	.5																9	9	15	31														
28/ 27	.6	.2																7	7	9	22														
26/ 25		.1																1	1	1	8														
24/ 23																					1														
22/ 21		.4																3	3	2	1														
20/ 19		.1																1	1	1															
18/ 17		.1																1	1	1															
16/ 15	.1																	1	1	2	3														
14/ 13																					2														
12/ 11																					1														
TOTAL	15.75	9.61	7.9	5.0	1.4	.4												845	847	845	845														
Element (X)	Σ X²	Σ X	X	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	6417974	73168	86.6	9.881	845	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	1653910	36976	43.7	6.851	847		4.9					90																							
Wet Bulb	1510924	35328	41.8	6.340	845		6.7					90																							
Dew Point	1374586	33612	39.8	6.673	845		13.6					90																							

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 STATION COLD LAKE APT CN

73-82 YEARS

SEP

PAGE 1 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																			
80/ 79								.1																											1	1				
74/ 73									.1																											1	1			
72/ 71						.1	.1																												2	2				
70/ 69					.1																														1	1				
68/ 67				.2	.7	.6	.8	.5	.2	.1																									27	27				
66/ 65			.1	.7	.5	.6	.7		.1																										23	23				
64/ 63			.3	.3	.9	1.6	.7	.5	.1																										39	39		1		
62/ 61		.1	.7	.5	1.2	1.4	.2																												36	36		6		
60/ 59		.2	.7	2.3	1.4	2.0	.6	.1																											64	64		18		
58/ 57			.9	1.7	1.7	1.9																													55	55		23		
56/ 55			.1	1.8	2.0	2.0	.9																												61	61		35		
54/ 53		.1	1.1	2.2	1.9	2.4	.3																												71	71		76		
52/ 51	1.0	1.9	2.0	3.4	.9	.1																													83	83		91		
50/ 49	1.1	4.4	6.4	2.4	.9	.1																													135	135		127		
48/ 47	.2	2.4	3.9	1.4	.3																														72	72		125		
46/ 45	.2	3.4	1.7	1.6	.2																														63	63		103		
44/ 43	.5	2.3	2.2	.2																															45	45		91		
42/ 41	.2	2.0	1.5	.6																															38	38		54		
40/ 39	.1	.8	1.1	.3																															21	21		51		
38/ 37	.5	.7	.6																																15	15		31		
36/ 35	.5	1.0	.1																																14	14		25		
34/ 33	.1	.2	.2																																5	5		11		
32/ 31	.1																																		1	1		5		
30/ 29																																								
28/ 27	.1	.1																																	2	2		2		
26/ 25			.1																																1	1				
24/ 23		.1	.1																																2	2				
22/ 21		.1																																	1	1				
20/ 19		.2																																	2	2				
18/ 17																																								
16/ 15																																								
14/ 13																																								
TOTAL	4.8	21.3	26.6	19.5	3.3	9.6	3.1	1.1	.6	.1																											881	881		881
Element (X)	ΣX²		ΣX		X̄		σ _X		No. Obs.		Mean No. of Hours with Temperature								Total																					
Rel. Hum.	4763511		63391		72.0		5.162		881		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																								
Dry Bulb	2419188		45606		51.8		8.142		881			.9	3.3	.2			90																							
Wet Bulb	1980126		41396		47.0		6.309		881			1.3					90																							
Dew Point	1619211		37325		42.4		6.561		881			7.0					90																							

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 STATION COLD LAKE APT CN STATION NAME 73-82 YEARS SEP 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				
86/ 85													.5					4	4						
84/ 83											.1							1	1						
82/ 81								.2	.1		.1							4	4						
80/ 79								.2		.1	.1							4	4						
78/ 77								.1	.1		.1							3	3						
76/ 75							.3	.1	.2	.5	.1							11	11						
74/ 73						.3	.2	.9	.3	.1	.1							18	18						
72/ 71						.2	.5	1.6	.9	.8	.5							39	39						
70/ 69					.1	.5	1.4	1.8	1.0	.1	.1							44	44						
68/ 67				.1	.6	.8	1.5	1.4	.7	.5								48	48						
66/ 65					.2	1.2	2.0	1.0	1.8									54	54	4					
64/ 63				.2	1.3	1.7	1.6	2.0	.8									66	66	14					
62/ 61			.1	.9	1.4	2.2	1.5	1.0										62	62	11					
60/ 59			.2	.5	1.6	1.7	.7	.3										44	44	37					
58/ 57		.2	.2	1.6	1.2	2.1	1.4	.2										60	60	45	4				
56/ 55		.1	1.5	1.4	1.3	1.4	.6											54	54	84	17				
54/ 53	.2	1.2	1.7	1.3	1.0	1.5	.2											62	62	79	14				
52/ 51	.2	1.0	1.8	2.5	1.0	.6												63	63	108	25				
50/ 49	.7	1.3	3.5	1.4	1.7	.1												75	75	123	89				
48/ 47	.1	2.0	1.5	.2	1.3													44	44	100	80				
46/ 45		.5	1.0	1.8	.2													31	31	90	121				
44/ 43	.1	1.6	.6	.3	.1													24	24	43	75				
42/ 41	.1	.9	.2	.7	.2													19	19	47	92				
40/ 39	.3	.6		.3														11	11	41	74				
38/ 37		.5	.6															9	9	12	68				
36/ 35		.5																4	4	15	52				
34/ 33																				5	52				
32/ 31																					62				
30/ 29		.2																2	2		25				
28/ 27																				2	4				
26/ 25			.3															3	3		5				
24/ 23		.3																3	3		1				
22/ 21																				4					
16/ 15																					4				
Element (X)	ΣX^2	ΣX	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-82

SEP

PAGE 2

1200-1400

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																																																																																								
14/ 13																																																																																																													
TOTAL	1.8	10.9	13.4	13.4	13.3	14.3	11.9	10.9	6.2	2.1	1.2	.2	.5				866	866	866	866	866	866	866	866	866	866	866	866	866	866	866																																																																														
<table border="1"> <thead> <tr> <th>Element (X)</th> <th>Σx^2</th> <th>Σx</th> <th>\bar{x}</th> <th>s^2</th> <th>No. Obs.</th> <th colspan="6">Mean No. of Hours with Temperature</th> <th>Total</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>= 0 F</th> <th>= 32 F</th> <th>= 67 F</th> <th>= 73 F</th> <th>= 80 F</th> <th>= 93 F</th> <th></th> </tr> </thead> <tbody> <tr> <td>Rel. Hum.</td> <td>3248068</td> <td>50554</td> <td>58.4</td> <td>10.527</td> <td>866</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Dry Bulb</td> <td>2963648</td> <td>49908</td> <td>57.6</td> <td>10.053</td> <td>866</td> <td>.8</td><td>18.3</td><td>4.7</td><td>.9</td><td></td><td></td><td>90</td> </tr> <tr> <td>Wet Bulb</td> <td>2150460</td> <td>42768</td> <td>49.4</td> <td>6.657</td> <td>866</td> <td>.8</td><td></td><td></td><td></td><td></td><td></td><td>90</td> </tr> <tr> <td>Dew Point</td> <td>1546431</td> <td>36089</td> <td>41.7</td> <td>7.008</td> <td>866</td> <td>10.7</td><td></td><td></td><td></td><td></td><td></td><td>90</td> </tr> </tbody> </table>																																Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total							= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F		Rel. Hum.	3248068	50554	58.4	10.527	866								Dry Bulb	2963648	49908	57.6	10.053	866	.8	18.3	4.7	.9			90	Wet Bulb	2150460	42768	49.4	6.657	866	.8						90	Dew Point	1546431	36089	41.7	7.008	866	10.7						90
Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total																																																																																																	
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F																																																																																																		
Rel. Hum.	3248068	50554	58.4	10.527	866																																																																																																								
Dry Bulb	2963648	49908	57.6	10.053	866	.8	18.3	4.7	.9			90																																																																																																	
Wet Bulb	2150460	42768	49.4	6.657	866	.8						90																																																																																																	
Dew Point	1546431	36089	41.7	7.008	866	10.7						90																																																																																																	

9477-54121

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
STATION STATION NAME

73-82
YEARS

SEP
MONTH
 PAGE 1 1500-1700
NO. OF HOURS

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
88/ 87													.3	.2	.1																	6	6				
86/ 85																			.1	.1													2	2			
84/ 83																			.1														1	1			
82/ 81																			.3	.1	.2	.3											9	9			
80/ 79																			.2		.1												3	3			
78/ 77										.1		.5	.1						.5	.3													6	6			
76/ 75										.5	.3	.9	.5	.3					.5	.3													22	22			
74/ 73										.2	.9	.8	1.0	.1	.5				.5	.3													31	31			
72/ 71										.8	1.8	1.7	.5	.2					.5	.2													44	44			
70/ 69								.1	.6	.7	.5	.5							.5	.2													20	20			
68/ 67						.2	.7	.9	1.9	3.3	1.5	.7							.7	.2													74	74			
66/ 65					.2	.3	.7	1.4	1.8	1.3	.2								.2														52	52	5		
64/ 63				.2	.8	1.0	3.2	1.5	.8										.8														66	66	12		
62/ 61	.1	.1		.1	.8	1.7	1.0	.8																									41	41	22	1	
60/ 59		.5	.1	1.0	1.3	1.7	1.6	1.1																									64	64	32	1	
58/ 57		.5	.1	1.9	.6	1.6	1.6	.8																									62	62	68	5	
56/ 55	.1	.2	1.3	.8	1.5	1.3	.9	.1																									54	54	77	11	
54/ 53		.9	1.0	1.6	1.9	1.6	.1																										63	63	71	14	
52/ 51	.3	1.0	1.5	1.7	.2	.7	.2																										50	50	124	27	
50/ 49	.2	1.1	3.2	1.7	.8	.5																											66	66	89	76	
48/ 47	.2	1.1	1.5	1.1	1.1	.2																											47	47	119	69	
46/ 45	.1	.9	.7	.9	.5																												27	27	95	118	
44/ 43	.3	.6	.2	.5	.2																												16	16	44	89	
42/ 41		1.5	.1	.2	.1																												17	17	34	92	
40/ 39	.1	.3		.1	.2																												7	7	40	83	
38/ 37	.3	.3	.5																														10	10	14	65	
36/ 35		.3	.1																														4	4	9	45	
34/ 33																																				8	51
32/ 31																																				1	65
30/ 29	.1	.2																																3	3	1	31
28/ 27			.3																															3	3	2	14
26/ 25			.1																															1	1	1	7
24/ 23			.2																															2	2	3	1
22/ 21																																			3	2	
Element (X)	Σx^1	Σx^2	\bar{x}	σ_x^2	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																																					

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-92 YEARS SEP

PAGE 2 1500-1700 HOURS

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														
16/ 15																																			2
14/ 13																																			4
TOTAL	2.1	9.7	1.3	12.3	10.7	12.0	4.1	3.3	7.9	4.0	1.0	.9	.7	.2	.1																			873	
																																		873	

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0\text{ F}$	$\leq 32\text{ F}$	$\leq 67\text{ F}$	$\leq 73\text{ F}$	$\leq 80\text{ F}$	$\leq 93\text{ F}$	
Rel. Num.	3007131	48373	55.4	19.358	873							
Dry Bulb	3111046	51302	58.8	10.507	873		.9	22.5	8.2	1.9		90
Wet Bulb	2194131	43365	49.7	6.776	873		1.0					90
Dew Point	1523226	35918	41.1	7.219	873		13.0					90

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 7

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
STATION STATION NAME

73-82
YEARS

SEP
MONTH

PAGE 1 1800-2
NO. OF

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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																				1	1				
84/ 83																						.1												1	1			
78/ 77																					.1													1	1			
76/ 75									.1				.1								.2													4	4			
74/ 73								.2					.3								.2													7	8			
72/ 71												.6	.3	.2						.1														11	11			
70/ 69						.1	.1	.3	.3	.5																									12	12		
68/ 67				.5	.7	.9	.8	.9	.7	.1																									40	40		
66/ 65				.3	.7	.8	.7	.9	.8	.1																									32	32	1	
64/ 63			.3	.7	.8	1.5	1.2	.5	.2																										45	45	5	
62/ 61			.5	.9	1.0	2.1	1.2	.3	.1																										53	53	12	1
60/ 59		.5	.8	1.2	1.6	1.6	1.0																												58	58	25	3
58/ 57		.3	.6	2.3	1.6	1.5	.7																												61	61	34	9
56/ 55	.2	.1		2.7	2.0	1.7	.7																												64	64	55	12
54/ 53		.7	.9	2.1	2.7	1.5	.1																												69	69	52	24
52/ 51	.2	1.2	1.8	2.8	1.6	1.2																													76	76	97	22
50/ 49	1.4	2.9	5.2	1.5	1.5	.6																												113	113	107	83	
48/ 47	.2	2.5	2.7	.8	.6	.1																												50	60	127	53	
46/ 45	.7	2.1	1.6	1.3	.7																													55	55	113	120	
44/ 43		1.7	.7	.9	.3																													32	32	78	97	
42/ 41	.1	1.3	.9	.7																														26	26	52	104	
40/ 39	.6	.6	.3	.1	.1																													15	15	39	76	
38/ 37	.3	.5	.2	.1																														10	10	33	64	
36/ 35		.6	.1	.2																														8	8	12	59	
34/ 33		.1	.3																															4	4	8	30	
32/ 31			.2																															2	2	5	59	
30/ 29																																					4	21
28/ 27	.1		.2																															3	3	2	9	
26/ 25		.3																																3	3	2	9	
24/ 23																																					3	2
22/ 21																																						6
20/ 19																																						2
16/ 15																																						2

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 STATION COLD LAKE APT CN STATION NAME 73-62 YEARS SEP 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	866														
TOTAL	3.9	15.4	17.6	19.1	16.2	13.9	7.5	3.7	2.0	.6	.2		.1																				866	867	866	866

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						< 0 F	< 32 F	< 67 F	< 73 F	> 80 F	> 93 F	
Rel. Hum.	3981413	56743	65.5	7.451	866					.2		90
Dry Bulb	2594905	46827	54.0	8.856	867		.8	8.1	1.6			90
Wet Bulb	2010017	41339	47.7	6.512	866		1.7					90
Dew Point	1547987	36081	41.7	7.189	866		11.4					90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CA 73-82 SEP 1970-2300
 STATION STATION NAME YEARS MONTH

PAGE 1 7170-2300
 HOURS PER YEAR

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Div Bulb	Wet Bulb	Dew Point			
77/69																												2	2						
66/67						.2	.1	.2																				5	5						
66/65					.2	.5	.2	.1	.1																			10	10						
64/63		.1		.2	.2	.2	.3																					10	10						
62/61			.7	.6	.7	.1	.5																					23	23	1					
60/59		.5	.5	.7	.5	.2																						21	21	4	1				
59/57		.6	1.5	1.9	.5	.3																						42	42	19	3				
56/55	.1	.6	1.6	2.6	.5	.1	.2																					50	50	27	7				
54/53	.5	.6	1.9	2.4	1.4	.5																						64	64	47	22				
52/51	.5	2.5	2.7	3.1	1.7	.2																						94	94	59	23				
50/49	1.7	3.5	6.8	4.0	.9																							149	149	102	83				
48/47	.8	3.4	4.8	1.2	.2																							92	92	83	69				
46/45	.7	5.3	2.2	1.5	.2																							96	96	149	103				
44/43	1.0	5.0	1.8	1.4	.1																							82	82	133	107				
42/41	.1	2.8	1.2	.8																								44	44	82	88				
40/39	.9	1.2	1.4	.6																								36	36	60	107				
38/37	.2	1.4	.9	.1																								23	23	42	81				
36/35	.1	1.4	.1	.1																								15	15	32	55				
34/33	.1	.6	.1	.1																								8	8	20	15				
32/31	.2	.2	.6																									9	9	6	48				
30/29		.1																										1	1	4	25				
28/27			.1																									1	1	6	7				
26/25		.7																										2	2	1	3				
24/23		.3																										3	3	5	2				
22/21																																8			
20/19																																2			
18/17																																3			
16/15		.1																										1	1	1					
14/11																																1			
TOTAL	7.0	1.4	2.8	2.4	7.5	2.0	1.5	.5																					883	883	883				

Element (X)	$\Sigma X'$	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5431539	68191	77.2	3.694	883	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2135080	42952	48.6	7.202	883		1.7	.7				90
Wet Bulb	1827561	39797	45.1	6.200	883		2.3					90
Dew Point	1555177	36563	41.4	6.834	883		12.1					90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 SEP
 STATION STATION NAME YEARS MONTH

PAGE 1 ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
88/ 87																																		6	5		
86/ 85																																		7	7		
84/ 83																																		3	3		
82/ 81																																		13	13		
80/ 79																																		8	8		
78/ 77																																		10	10		
76/ 75																																		37	37		
74/ 73																																		57	58		
72/ 71																																		96	96		
70/ 69																																		79	79		
68/ 67																																		195	195		
66/ 65																																		171	171	10	
64/ 63																																		226	226	32	
62/ 61																																		227	227	52	2
60/ 59																																		276	276	116	5
58/ 57																																		309	309	197	24
56/ 55																																		344	344	303	68
54/ 53																																		431	431	386	120
52/ 51																																		527	527	583	188
50/ 49																																		935	935	791	630
48/ 47																																		557	557	617	533
46/ 45																																		599	600	812	861
44/ 43																																		472	473	729	689
42/ 41																																		385	385	572	776
40/ 39																																		302	302	548	755
38/ 37																																		223	223	348	619
36/ 35																																		186	186	240	452
34/ 33																																		106	107	189	371
32/ 31																																		88	88	99	435
30/ 29																																		34	34	55	203
28/ 27																																		21	21	43	102
26/ 25																																		11	11	6	58
24/ 23																																		13	13	15	12
22/ 21																																		11	11	17	23
Element (X)	Σ X ²		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature							Total																			
Rel. Hum.											= 0 F		= 32 F		= 67 F		= 73 F		= 80 F		= 93 F																
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7112 JD STATION COLD LAKE APT CN STATION NAME 73-82 YEARS SEP MONTH PAGE 2 ALL MONTHS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
20/ 19	.0	.0																5	5	9	9																
18/ 17		.0																1	1	1	6																
16/ 15	.0	.0																2	2	3	20																
14/ 13																					10																
12/ 11																					2																
TOTAL	7.8	2.6	9.8	2.9	8.1	6.7	4.8	3.7	2.1	.8	.3	.1	.2	.0	.0			6973		6973	6973																

Element (X)	Σx^2	Σx	\bar{x}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	39922756	510848	73.3	8.927	6973	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	720
Dry Bulb	18438597	351803	50.4	10.014	6977		19.2	52.8	14.7	3.0		720
Wet Bulb	14908192	318624	45.7	7.075	6973		25.6					720
Dew Point	12088853	286305	41.1	6.916	6973		90.9					720

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 OCT
STATION STATION NAME YEARS MONTH

PAGE 1 0000-2200
HOURS (L.S.T.)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
64/ 63							.1											1	1																
62/ 61					.1													1	1																
60/ 59					.2	.1												3	3																
58/ 57					.2													2	2																
56/ 55				.1	.1	.1												3	3																
54/ 53				.2	.1													3	3	1															
52/ 51			.2	.3	.6													10	10	3															
50/ 49	.1	.1	2.5	1.1	1.6	.2	.2											52	52	8	1														
48/ 47	.2	.4	1.9	1.2	1.0													43	43	11	2														
46/ 45	.1	1.3	1.7	.9	1.3	.2												50	50	35	11														
44/ 43	.2	1.3	1.1	1.9	.4	.3												48	48	46	23														
42/ 41		1.9	2.0	1.7	.1													51	51	45	23														
40/ 39	.1	2.1	3.6	2.2	.7													78	78	53	41														
38/ 37		4.6	4.0	1.2	.1													89	89	92	34														
36/ 35	.8	5.3	3.5	1.6														99	99	104	59														
34/ 33	.9	4.6	2.8	.4														78	79	128	74														
32/ 31	2.6	7.0	2.5	.4														112	112	108	136														
30/ 29	1.5	4.2	.3															54	55	99	111														
28/ 27	1.1	3.2	.9															47	47	56	112														
26/ 25	.8	1.8	.1															24	24	37	86														
24/ 23	.7	1.2	.2															19	19	27	51														
22/ 21	.1	.3	.1															5	5	14	39														
20/ 19		.8	.1															8	8	4	43														
18/ 17		.9																8	8	14	12														
16/ 15	.1	.4																5	5	8	4														
14/ 13	.2																	2	2	2	12														
12/ 11																					13														
10/ 9																					8														
TOTAL	9.5	1.7	27.5	13.4	6.6	1.0	.2	.1										895	897	895	895														

Element (X)	2x'	2x	x	x'	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5371737	68193	76.2	4.026	895							93
Dry Bulb	1267216	32966	36.8	7.882	897		29.5					93
Wet Bulb	1066984	30310	33.9	6.731	895		38.3					93
Dew Point	825160	26406	29.5	7.179	895		65.2					93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 OCT

STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	Dry Bulb	Wet Bulb	Dew Point					
60/ 59						.1															1	1			
58/ 57				.1		.1															2	2			
54/ 53			.2	.4																	6	6			
52/ 51			.2	.3	.3																8	8	1		
50/ 49	.3		1.3	1.3	.7																33	33	8	3	
48/ 47		.4	1.3	.6	.6																26	26	8	3	
46/ 45		2.3	2.2	1.9	.9	.1															67	67	21	4	
44/ 43		1.4	1.6	1.1	.1	.2															40	40	49	18	
42/ 41		1.4	1.9	.7	.2	.1															39	39	39	23	
40/ 39	.4	2.1	2.3	.9	.7																58	58	63	32	
38/ 37	.9	5.0	3.2	.8	.3																92	92	70	54	
36/ 35	.9	5.4	2.8	.4																	86	86	94	54	
34/ 33	1.2	5.8	3.9	.2																	100	100	124	78	
32/ 31	3.2	7.6	2.7	.1																	123	123	111	156	
30/ 29	1.7	5.3	.6																		68	68	101	76	
28/ 27	1.6	4.1	.4	.2																	57	57	79	118	
26/ 25	.3	2.1	.1																		23	23	37	65	
24/ 23	.9	2.2	.1																		29	29	31	55	
22/ 21	.9	.9																			16	16	31	56	
20/ 19	.2	1.0																			11	11	11	45	
18/ 17	.1	1.2																			12	12	15	19	
16/ 15	.1	.1																			2	2	6	6	
14/ 13		.1																			1	1	1	16	
12/ 11	.2																				2	2	2	16	
10/ 9																								3	
8/ 7																								1	
6/ 5																								1	
TOTAL	13.0	48.7	24.8	9.1	3.8	.7																902	902	902	

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5816482	71480	79.21	2.987	902	≤ 0 F	≤ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total
Dry Bulb	1181880	31886	35.4	7.792	902		35.5					93
Wet Bulb	1021610	29728	33.0	6.814	902		43.8					93
Dew Point	816302	26334	29.2	7.259	902		65.3					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 OCT
 STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800
 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL																																																												
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	x 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																																														
62/ 61					.1																1	1																																																													
58/ 57				.2																		2	2																																																												
54/ 53				.1		.1																2	2	3																																																											
52/ 51			.3		.2	.1																8	8																																																												
50/ 49		.1	1.4	.7	.7																	25	25	2	3																																																										
48/ 47		.5	1.8	1.1	.1																	31	31	4	3																																																										
46/ 45		1.7	1.0	.7	.9																	38	38	20	4																																																										
44/ 43	.3	1.6	1.4	.6																		34	34	46	16																																																										
42/ 41		2.5	1.8	.3	.2																	43	43	37	20																																																										
40/ 39	.5	3.8	2.1	1.0	.3																	69	69	56	28																																																										
38/ 37	1.2	3.2	2.4	.6																		65	65	78	55																																																										
36/ 35	.9	8.4	3.3	1.0																		121	121	75	63																																																										
34/ 33	.7	6.1	2.7																			84	84	139	71																																																										
32/ 31	2.7	7.5	2.9																			117	117	97	142																																																										
30/ 29	1.4	3.7	.7																			51	52	98	87																																																										
28/ 27	3.0	5.0	.1																			72	72	76	98																																																										
26/ 25	1.2	3.3	.5	.1																		45	45	43	80																																																										
24/ 23	.3	2.0	.2																			23	23	33	59																																																										
22/ 21	1.1	1.4	.1																			23	23	36	40																																																										
20/ 19	.6	.9	.3																			16	16	18	42																																																										
18/ 17	.3	.6																				8	8	17	22																																																										
16/ 15		.8																				7	7	6	16																																																										
14/ 13		.3																				3	3	4	16																																																										
12/ 11																									7																																																										
10/ 9																									13																																																										
8/ 7																									1																																																										
6/ 5																									1																																																										
4/ 3																									1																																																										
TOTAL	14.3	53.3	23.0	6.6	2.6	.2																				889	889	888																																																							
										<table border="1"> <thead> <tr> <th>Element (X)</th> <th>Σx²</th> <th>Σx</th> <th>X̄</th> <th>s_x</th> <th>No. Obs.</th> <th colspan="5">Mean No. of Hours with Temperature</th> <th>Total</th> </tr> <tr> <th>Rel. Num.</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>≥ 0 F</th> <th>≥ 32 F</th> <th>≥ 67 F</th> <th>≥ 73 F</th> <th>≥ 80 F</th> <th>≥ 93 F</th> <th></th> </tr> </thead> <tbody> <tr> <td>Dry Bulb</td> <td>1112041</td> <td>30677</td> <td>80.9</td> <td>2.039</td> <td>889</td> <td></td> <td>38.3</td> <td></td> <td></td> <td></td> <td></td> <td>93</td> </tr> <tr> <td>Wet Bulb</td> <td>976484</td> <td>28798</td> <td>32.4</td> <td>6.927</td> <td>888</td> <td></td> <td>44.8</td> <td></td> <td></td> <td></td> <td></td> <td>93</td> </tr> <tr> <td>Dew Point</td> <td>793966</td> <td>25710</td> <td>29.0</td> <td>7.477</td> <td>888</td> <td></td> <td>65.5</td> <td></td> <td></td> <td></td> <td></td> <td>93</td> </tr> </tbody> </table>										Element (X)	Σx ²	Σx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	Rel. Num.						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		Dry Bulb	1112041	30677	80.9	2.039	889		38.3					93	Wet Bulb	976484	28798	32.4	6.927	888		44.8					93	Dew Point	793966	25710	29.0	7.477	888		65.5					93
Element (X)	Σx ²	Σx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total																																																																								
Rel. Num.						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																																																																								
Dry Bulb	1112041	30677	80.9	2.039	889		38.3					93																																																																							
Wet Bulb	976484	28798	32.4	6.927	888		44.8					93																																																																							
Dew Point	793966	25710	29.0	7.477	888		65.5					93																																																																							

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 OCT
 STATION STATION NAME YEARS MONTH

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

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																				
70/ 69										.1																							1	1							
68/ 67									.2																									2	2						
66/ 65									.2																									3	3						
64/ 63									.4	.1																								5	5						
62/ 61					.1		.6	.2																										8	8						
60/ 59					.1	.4	.3	.2																										10	10						
58/ 57					.4	.3	.3	.1																											11	11					
56/ 55			.1	.6	.8	.2	.3																												18	18	3				
54/ 53			.2	.3	.9	.8	.3																													23	23	4			
52/ 51		.1	.2	1.1	1.4	.7	.4																													36	36	21			
50/ 49		.1	1.3	1.9	1.7	.6	.1	.1																												52	52	24	2		
48/ 47		1.4	1.6	1.6	2.3	.7																														68	68	23	9		
46/ 45		1.0	1.1	3.3	1.4	.1																															63	63	50	20	
44/ 43		1.7	2.1	2.0	1.2	.2																															65	65	57	32	
42/ 41		2.7	3.1	2.5	.3																																76	78	65	35	
40/ 39	.2	2.5	2.3	1.9	.3	.1																															67	67	108	39	
38/ 37	.4	4.2	3.8	.6	.2																																83	83	91	66	
36/ 35	.1	5.2	1.9	.6																																	70	70	119	52	
34/ 33	.8	3.2	2.4	.1																																	59	59	103	101	
32/ 31	.9	4.1	1.9	.2																																	64	64	65	167	
30/ 29	.4	2.1	.3	.4																																	30	30	51	81	
28/ 27	.8	2.1	.7	.1																																	33	34	37	98	
26/ 25	.2	1.3	.3																																		17	17	23	60	
24/ 23	.1	.9	.4																																		13	13	19	37	
22/ 21		.8	.4																																		11	11	15	24	
20/ 19	.1	.4																																			5	5	12	20	
18/ 17	.1	.4																																			5	5	8	16	
16/ 15		.2																																			2	2	3	13	
14/ 13																																								1	13
12/ 11																																								5	
10/ 9																																								7	
8/ 7																																								5	
TOTAL	4.2	4.6	4.3	7.8	1.4	4.5	2.7	.3		.1																											902	903	902	902	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																													
Rel. Hum.	4739841	63923	70.9	5.257	902	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																													
Dry Bulb	1552725	36515	40.4	9.188	903		18.6	.3				93																													
Wet Bulb	1248171	32891	36.5	7.361	902		24.1					93																													
Dew Point	921135	28007	31.0	7.562	902		56.3					93																													

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7112 JD COLD LAKE APT CN 73-82 OCT
 STATION STATION NAME YEARS MONTH

PAGE 1 1200-1400
 HOURS ... 5 ...

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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							1	1			
78/ 77										.1								1	1			
76/ 75												.2						2	2			
74/ 73										.4	.1							5	5			
72/ 71								.2	.3	.1								6	6			
70/ 69						.2	.2	.4	.2									10	10			
68/ 67						.2	.3	.8	.2									14	14			
66/ 65						.2	.4	.3	.3									12	12			
64/ 63						.6	1.0	.4	.3	.2								23	23			
62/ 61					.2	.8	.7	.9	.2	.1								26	26			
60/ 59			.1	.1	.6	.3	.7	.3										19	19		1	
58/ 57				.2	.6	1.1	.9	.1										26	26		7	
56/ 55				1.3	1.8	2.0	.4											50	50		20	
54/ 53			.3	.9	1.5	2.3	.7	.2										54	54		23	
52/ 51			.1	1.3	1.8	2.1	1.3	.2										62	62		23	
50/ 49		.3	1.9	1.4	5.1	1.4	1.7	.1										108	108		26	7
48/ 47		.3	.6	1.9	2.5	2.2	.2											70	70		50	5
46/ 45		.3	1.1	3.4	2.4	1.1												76	76		78	14
44/ 43		.3	1.3	2.8	1.8	.1	.3											60	60		94	42
42/ 41	.1	.4	2.1	1.5	.7	.3												47	47		112	41
40/ 39	.1	1.5	2.7	.4	.7													49	49		103	34
38/ 37	.1	1.2	2.3	1.0	.2													44	44		117	50
36/ 35		2.0	1.1	.4	.3													35	35		71	66
34/ 33	.1	.9	1.2	.3	.4													27	27		51	94
32/ 31	.3	.6	1.2	.2	.1													22	22		43	159
30/ 29		.3	.4	.1														8	8		16	90
28/ 27	.1	1.8	.4															21	21		22	77
26/ 25	.2	.3	1.1															15	15		21	63
24/ 23	.1	.1	.2															4	4		6	47
22/ 21		.7	.2															8	8		11	38
20/ 19																					10	23
18/ 17																						12
16/ 15																						7
14/ 13																						18
Element (X)	Z _x '		Z _x		X		σ _x		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 OCT
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
74/ 73									.2	.1								3	3																
70/ 69								.1	.1									2	2																
68/ 67								.1	.2									2	2																
66/ 65						.1	.3	.2	.1									7	7																
64/ 63						.1	.7	.1	.1									9	9																
62/ 61					.1	.8	.6	.1										14	14																
60/ 59				.1	.3	.9	.2											14	14																
58/ 57				.1	.3	.3	.3	.3										13	13																
56/ 55			.1	.1	1.2	.3	.3	.1										20	20		5														
54/ 53			.1	.2	1.3	.7	.3	.1										29	29		11														
52/ 51		.1	.2	1.0	1.4	1.5	.8	.1										47	47		21														
50/ 49		.3	1.5	1.1	2.0	3.2	.7											80	80		25 6														
48/ 47		.1	.7	1.0	2.6	.6	.3											48	48		30 7														
46/ 45	.1	.8	1.5	2.0	3.3	1.3												82	82		46 6														
44/ 43	.4	1.1	2.3	2.1	2.9	1.0												89	89		51 31														
42/ 41		1.3	2.1	3.5	.9													71	71		78 36														
40/ 39		1.3	3.2	2.5	.7													70	70		109 40														
38/ 37	.1	2.0	1.9	1.2	.3													50	50		102 54														
36/ 35	.2	3.0	2.6	1.8	.1													70	70		125 52														
34/ 33	.1	2.3	2.6	1.1	.2													58	59		90 60														
32/ 31	.6	2.6	1.7	.2	.1													47	47		73 126														
30/ 29		1.3	.6	.7														23	23		44 104														
28/ 27	.4	2.0	1.3	.1														35	35		38 119														
26/ 25	.1	.4	.1															6	6		25 85														
24/ 23		.1																1	1		14 44														
22/ 21		.3	.6															8	8		3 48														
20/ 19		.1	.4															5	5		7 34														
18/ 17		.1																1	1		6 16														
16/ 15	.1	.2																3	3		4 6														
14/ 13																					8														
12/ 11																					13														
10/ 9																					11														
8/ 7																					1														
Element (X)	ΣX^2	ΣX	X	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 STATION COLD LAKE APT CN STATION NAME 73-82 YEARS 901
 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															
66/ 67									.2																								2	2			
64/ 63									.1																								1	1			
62/ 61								.1	.1																								2	2			
67/ 59				.1	.3			.2	.1																								7	7			
58/ 57					.3	.4		.1																									8	9			
56/ 55				.3	.9	.2	.1																										14	14			
54/ 53			.1	.2	.8	.5	.1																										16	16		1	
52/ 51			.1	1.1	.9	.1	.2																										22	22		8	
50/ 49		.9	1.8	1.2	1.5	.9	.1																										58	58		15	
48/ 47		.8	1.0	.4	1.5	.7																											40	40		33	
46/ 45		.9	1.9	2.3	1.6	.7																											67	67		39	
44/ 43	.2	.8	1.3	2.5	2.0	.3																											65	65		41	
42/ 41	.1	1.5	2.5	2.5	1.7	.2																											72	72		47	
40/ 39	.2	1.4	3.3	2.3	1.1																												76	76		29	
38/ 37	.3	3.5	3.5	1.6																													82	82		93	
36/ 35	.7	3.8	3.2	.9	.1																												79	79		118	
34/ 33	.8	4.4	2.9	.4																													77	77		132	
32/ 31	2.1	4.3	3.1	.4																													90	91		97	
30/ 29	.4	3.1	1.9	.1																													50	50		77	
28/ 27	.9	1.9	2.2																														45	45		50	
26/ 25	.4	.4	.2																														10	10		37	
24/ 23	.2	.4	.1																														7	7		19	
22/ 21		.5	.3																														8	8		6	
20/ 19		.4	.3																														7	7		9	
18/ 17		.3																															3	3		8	
16/ 15		.2																															2	2		4	
14/ 13	.2																																2	2		2	
12/ 11																																					
10/ 9																																					
TOTAL	6.6	29.6	29.6	16.6	2.1	4.4	1.3		.2																									912	912		912
Element (X)	Σx²	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					Total																										
Rel. Hum.	4767497	64445	70.7	5.312	912	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																									
Dry Bulb	1444293	35481	38.9	8.376	912		22.8	.2				93																									
Wet Bulb	1164822	31988	35.1	6.859	912		31.5					93																									
Dew Point	843871	26925	29.5	7.331	912		65.3					93																									

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CV

73-82

OCT

STATION

STATION NAME

YEARS

PAGE 1

ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																			
81																																	1	1						
79																																		4	4					
77																																		3	3					
75																																		2	2					
73																																			15	15				
71																																			14	14				
69																																			27	27				
67																																			30	30				
65																																				33	33			
63																																				60	60			
61																																				75	75			
59																																					83	83		3
57																																				87	87		16	
55																																				166	166		46	
53																																				196	196		65	
51																																				237	237		138	
49																																				526	526		126	
47																																				402	402		210	
45																																				510	510		361	
43																																				461	461		496	
41																																				445	445		517	
39																																				516	516		672	
37																																				538	538		747	
35																																				601	601		786	
33																																				501	503		631	
31																																				596	596		630	
29																																				301	303		502	
27																																				329	330		383	
25																																				147	147		244	
23																																				105	105		155	
21																																				82	82		122	
19																																				52	52		82	
17																																				37	37		68	
15																																				21	21		31	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total																											
Rel. Hum.							≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																											
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

USAFETAC FORM 12-61 0 26-3 01-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 QCT
STATION STATION NAME YEARS

PAGE 7 ALL
DUPLICATE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	+ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
14 / 13	.1	.1																														8	9	10	109
12 / 11	.3																															2	2	2	92
10 / 9																																			50
8 / 7																																			8
6 / 5																																			2
4 / 3																																			1
TOTAL	6.4	1.1	3.3	1.3	9.1	1.5	6.4	4.2	1.8	.8	.4	.1	.1	.3																	7213		7218	7213	

Element (X)	Z _K '	Z _K	\bar{X}	s _n	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
Rel. Hum.	36451838	496018	68.8	18.321	7213							
Dry Bulb	12543376	291828	40.4	0.157	7218		173.5	9.9	2.6	.1		744
Wet Bulb	9760932	259602	36.0	7.610	7213		229.9					744
Dew Point	6854983	215619	29.9	7.535	7213		496.8					744

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 NOV
 STATION STATION NAME YEARS MONTH
 PAGE 1 0000-0200
 HOURS S. T.

USAFETAC FORM 0 26 3 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
50/ 49				.2	.1																											3	3			
46/ 45				.3	.2																												5	5		
44/ 43			.1	.6																												6	6	3		
42/ 41			.3	.5	.1																											8	8	2		
40/ 39			.7	.6	.6																											16	16	2		
38/ 37		.1	.6	.8	.7																												19	19	12	
36/ 35		.6	.8	.5	.2																												18	18	12	3
34/ 33	.3	2.3	1.9	.5																													44	44	39	11
32/ 31	.9	2.7	4.1	.7																													74	74	40	33
30/ 29	1.3	3.0	2.7	.2																													63	63	59	23
28/ 27	1.5	3.4	3.0																														69	69	78	41
26/ 25	1.4	4.4	.7																														57	57	77	50
24/ 23	2.1	3.8	.2																														53	53	76	68
22/ 21	1.6	3.8	.5																														51	51	68	57
20/ 19	1.7	3.2	.2																														45	45	41	72
18/ 17	1.1	2.5																															32	32	50	65
16/ 15	1.9	1.9																															34	34	35	61
14/ 13	2.2	3.0																															45	45	37	65
12/ 11	1.3	1.8																															27	27	27	43
10/ 9	1.5	.7																															19	19	30	46
8/ 7	.7	1.3																															17	17	10	23
6/ 5	.9	1.6																															22	22	18	27
4/ 3	.9	1.8																															24	24	27	9
2/ 1	.9	1.6																															22	22	23	12
0/ -1	2.3	.1																															21	21	27	14
-2/ -3	1.6	.2																															16	16	17	25
-4/ -5	2.4																																21	21	21	25
-6/ -7	1.5																																13	13	13	23
-8/ -9	1.1																																10	10	10	13
-10/ -11	1.3																																11	11	11	14
-12/ -13	.7																																6	6	6	9
-14/ -15	.1																																1	1	1	11
-16/ -17	.2																																2	2	2	12
-18/ -19																																				8
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 STATION COLD LAKE APT CN STATION NAME 73-82 YEARS NOV

PAGE 2 0000-0200

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														
21/-21	.2																	2	2	2	4														
22/-23	.1																	1	1	1	6														
26/-27																					3														
30/-31																					1														
TOTAL	33.6	43.8	15.8	4.8	1.9													877		877	877														

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5330249	67589	77.112	148	877							
Dry Bulb	492609	17107	19.513	469	877	10.7	77.8					90
Wet Bulb	419775	15793	18.012	431	877	11.4	82.8					90
Dew Point	303895	11571	13.213	139	877	17.2	88.6					90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 NOV
 STATION STATION NAME YEARS MONTH
 PAGE 1 0300-0500
NOV 1953

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																										
45/ 47				.2														2	7																													
46/ 45				.5														4	4																													
44/ 43				.5														4	4																													
42/ 41		.2	.2	.2														6	6																2													
47/ 39		.1	.2	.3	.2													8	8																	6												
38/ 37			.7	.3	.1													10	10																		9											
36/ 35		1.3	1.3	.7														28	28																		5	3										
34/ 33	.1	1.8	1.1	1.0	.2													38	39																			33	6									
32/ 31	1.4	2.2	3.0	.6														62	62																				43	37								
31/ 29	1.5	1.8	2.0															47	47																				48	22								
28/ 27	1.6	5.0	2.7															82	82																					65	41							
26/ 25	2.2	5.1	.6															69	69																					81	35							
24/ 23	1.3	4.1	.1															48	49																					82	63							
22/ 21	1.1	3.5																41	41																					62	59							
20/ 19	1.6	3.2	.1															43	43																					51	74							
18/ 17	1.4	4.1																48	48																						43	73						
16/ 15	1.8	2.8																41	41																						46	57						
14/ 13	3.6	3.1																59	59																						53	69						
12/ 11	1.0	.9																17	17																						23	53						
10/ 9	1.7	.9																23	23																						22	47						
8/ 7	1.1	1.0																19	19																						16	14						
6/ 5	1.1	1.9																27	27																							22	25					
4/ 3	1.5	1.4																25	25																							29	14					
2/ 1	.5	2.2																23	23																							27	17					
0/ -1	1.3	.1																12	12																							15	17					
-2/ -3	1.0	.1																10	10																								11	15				
-4/ -5	3.0																	26	26																								26	35				
-6/ -7	1.3																	11	11																								11	17				
-8/ -9	1.6																	14	14																								14	13				
10/ -11	1.0																	9	9																								9	8				
12/ -13	1.6																	14	14																								14	10				
14/ -15	.3																	3	3																								3	11				
16/ -17	.1																	1	1																									1	12			
18/ -19																																														6		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																																				
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																																					
Dry Bulb																																																
Wet Bulb																																																
Dew Point																																																

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 NOV
STATION STATION NAME YEARS MONTH

PAGE 2 0300-0500
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	De-Point														
20/-21	.5																	4	4	4	11														
22/-23	.1																	1	1	1	10														
26/-27																					2														
28/-29																					3														
TOTAL	36.2	46.9	12.1	4.3	.6													880		879															
																	879		879																

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5541180	69098	78.6	1.163	879							
Dry Bulb	457087	16211	18.4	3.426	880	10.7	79.8					90
Wet Bulb	397550	15060	17.2	2.575	879	11.2	84.4					90
Dew Point	298579	11145	12.7	3.384	879	17.4	89.1					90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-82

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS U.S.M.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														1	1																
44/43				.3	.1													4	4																
42/41			.7	.3														9	9																
40/39		.1	.7	.2	.2													11	11	1															
38/37		.1	.7	.6	.3													15	15	13															
36/35		.1	1.5	.5	.2													20	20	10	1														
34/33	.3	1.4	.9	.9														31	31	26	2														
32/31	1.6	3.2	1.4	.2														56	56	44	36														
30/29	.9	1.6	1.3	.2														35	35	51	27														
28/27	1.6	3.3	1.8															59	59	45	46														
26/25	3.2	5.2	.5															77	77	67	34														
24/23	1.7	5.4	.3															65	65	76	55														
22/21	1.1	3.1	.1															38	38	76	55														
20/19	1.4	1.6																26	26	32	63														
18/17	3.0	3.7																58	58	54	55														
16/15	3.6	2.8																55	55	63	70														
14/13	2.6	4.3																60	60	50	76														
12/11	.3	1.5																16	16	22	44														
10/9	2.3	1.1																30	30	31	45														
8/7	1.6	1.4																26	26	22	30														
6/5	.9	2.2																27	27	26	26														
4/3	1.7	1.3																26	26	31	18														
2/1	.6	1.8																21	21	20	21														
0/-1	1.1																	10	10	16	17														
-2/-3	1.3																	11	11	11	24														
-4/-5	2.8																	24	24	24	19														
-6/-7	.7	.1																7	7	7	13														
-8/-9	1.7																	15	15	15	18														
-10/-11	.8																	7	7	7	10														
-12/-13	1.5																	13	13	13	6														
-14/-15	.6																	5	5	5	8														
-16/-17	.9																	8	8	8	12														
-18/-19	.1																	1	1	1	8														
-20/-21	.1																	1	1	1	11														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-76-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 77

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7112JO STATION COLD LAKE APT CN STATION NAME 73-62 YEARS NOV MONTH
 PAGE 2 7600-0800 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
22/-23	.2																																2	2	2	12		
24/-25																																					4	
26/-27																																					1	
28/-29																																					2	
32/-33																																					1	
TOTAL	47.5	45.3	9.9	3.4	.9																															870	870	870

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5608346	69162	79.5	1.261	870	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	426731	15355	17.6	3.387	870	10.8	80.6					90
Wet Bulb	374973	14373	16.5	2.580	870	11.4	84.8					90
Dew Point	287192	10602	12.2	3.484	870	17.2	89.7					90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7112-D COLD LAKE APT CN
STATION STATION NAME

73-82
YEARS

NOV
MONTH

PAGE 2 2900-1120
NO. RS. 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																
14/-15	.7																																6	6	6	7	
16/-17	.2																																2	2	2	9	
18/-19	.2																																2	2	2	10	
20/-21	.1																																1	1	1	5	
22/-23	.1																																1	1	1	9	
24/-25																																					4
26/-27																																					2
30/-31																																					1
TOTAL	37.9	44.3	14.8	6.6	2.7	.6	.1																											873	873	873	973

Element (X)	Z _g '	Z _w	T	W _a	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5163767	66187	75.8	2.929	873	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	533015	17797	20.4	3.971	873	9.3	73.3					90
Wet Bulb	445512	16306	18.7	2.714	873	9.3	80.2					90
Dew Point	315424	11860	13.6	3.302	873	14.6	88.1					90

USAFETAC FORM 0-26.3 OLA. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
 STATION STATION NAME

73-82
 YEARS

NOV
 MONTH

PAGE 1 1270-1400
 FORM 1616-10-71

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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		
61/ 59								.1																									1	1		
59/ 57								.3																									3	3		
56/ 55					.1	.2	.2	.1																									6	6		
54/ 53					.1	.6	.3	.2																									6	6		
52/ 51				.1	.2	.9	.7	.1																									11	11		
50/ 49			.3	.2	.6	.3	.1																										17	17		
48/ 47			.3	.2	.6	.3																											13	13	4	
46/ 45			.1	.7	.8	.9	.5	.1																									27	27	6	
44/ 43			.1	.5	.5	.7	.3																										18	18	20	
42/ 41			.2	1.1	1.7	.6																											32	32	17	
40/ 39	.3	.6	1.3	1.5	.1																												33	33	16	3
38/ 37	.2	2.0	1.4	.9																													39	39	20	6
36/ 35	1.0	2.1	3.2	.5																													59	59	33	8
34/ 33	.5	1.1	2.3	1.8	.2																												52	52	86	13
32/ 31	.1	2.0	4.1	1.1																													64	64	67	49
30/ 29	1.0	2.3	.5	.6																													38	39	73	42
28/ 27	.5	2.0	2.5	.5																													47	47	67	47
26/ 25	.6	2.6	.5																														32	32	37	56
24/ 23	.9	2.8	.6																														36	36	55	63
22/ 21	.8	3.3	.5																														40	40	56	62
20/ 19	1.4	2.2	.3																														34	34	34	61
18/ 17	1.3	2.5	.2																														35	35	41	61
16/ 15	.9	1.8																															24	24	21	73
14/ 13	.8	3.9	.1																														42	42	37	60
12/ 11	.3	1.5	.1																														17	17	28	23
10/ 9	1.1	2.2	.2																														31	33	25	39
8/ 7	.1	1.8																															17	17	17	44
6/ 5	.2	2.2																															21	21	20	11
4/ 3	.3	.7																															9	9	23	16
2/ 1	.1	1.4																															13	13	12	14
0/ -1	1.6																																14	14	17	18
-2/ -3	.9	.6																															13	13	13	20
-4/ -5	.9	.5																															12	12	10	13
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
STATION STATION NAME

73-82
YEARS

NOV
MONTH

PAGE 2 1200-1400
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
-5/-7	.7	.2																8	8	6	11																
-8/-9	.6																	5	5	7	19																
-11/-11																					9																
-11/-13																					9																
-14/-15																					8																
-16/-17																					5																
-18/-19																					4																
-22/-23																					3																
TOTAL	15.6	39.2	17.4	12.8	8.3	4.0	2.0	.8												873	870	670															

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	4172936	58570	67.3	16.265	870							
Dry Bulb	774939	22743	26.1	14.465	873	5.4	57.2					90
Wet Bulb	587907	19947	22.9	12.258	870	5.7	69.1					90
Dew Point	349217	13789	15.8	12.262	870	12.3	86.9					90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
 STATION STATION NAME

73-82
 YEARS

NOV
 MONTH

PAGE 1 1500-1700
 TIME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
66/ 65									.1																									1	1			
64/ 63									.1																										1	1		
60/ 59									.1																									1	1			
58/ 57								.1	.1	.2																								4	4			
56/ 55								.1	.2																									3	3			
54/ 53								.5	.3																									7	7			
52/ 51					.1	.2		.2	.3	.2																								10	10			
50/ 49				.2	.5	.3	.1	.1																										12	12		2	
48/ 47			.2	.1	.6	.3	.1																											12	12		2	
48/ 45		.2		1.0	.9	.8																												26	26		7	
44/ 43			.1	.5	.5	.6	.3																											17	17		16	
42/ 41			.1	.7	1.6	.6																												26	26		13	
40/ 39	.1	.2	1.0	1.2	.7	.6																												34	34		22	
38/ 37		.2	1.1	3.1	1.1	.1																												50	50		25	
38/ 35	.1	.6	2.2	2.5	1.1																													57	57		24	
34/ 33		1.7	1.6	2.7	.6																													58	58		74	
32/ 31		2.7	3.9	1.2	.1																													70	70		66	
30/ 29	1.5	1.6	1.6	.7																														47	48		98	
28/ 27	1.1	1.5	1.0	.3																														35	35		69	
26/ 25	1.0	1.7	.6	.1																														30	30		47	
24/ 23	1.0	2.4	1.1																															40	40		39	
22/ 21	.5	2.5	.5																															30	30		43	
20/ 19	.8	4.2	.1																															45	45		47	
18/ 17	1.1	2.9	.7																															42	42		49	
16/ 15	.6	1.8	.1																															22	22		29	
14/ 13	.9	2.7	.3																															35	35		27	
12/ 11	.8	2.4	.1																															29	29		29	
10/ 9	.3	1.8	.2																															21	21		21	
8/ 7	.3	1.5																																16	16		22	
6/ 5		1.7																																15	15		14	
4/ 3	.2	2.9																																28	28		26	
2/ 1	.1	1.2																																12	12		23	
0/ -1	1.4	.1																																13	13		15	
-2/ -3	.9	.2																																10	10		10	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7:1200 COLD LAKE APT CN
STATION NAME

73-82
YEARS

NDV
MONTH

PAGE 1 1570-1700

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.	Wet Bulb	Dew Point														
-4/-5	.5	.8																															12	17	9	20
-6/-7	.7	.3																															9	9	9	13
-7/-9	.2																															2	2	5	18	
-10/-11																																				15
-12/-13																																				6
-14/-15																																				4
-16/-17																																				6
-18/-19																																				2
-20/-21																																				1
-22/-23																																				3
TOTAL	14.3	40.5	16.6	14.5	7.9	4.2	1.7	.7		.1																						882	882	692	882	
Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.	4154189	58771	66.6	16.4	882	≤ 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	Total																								
Dry Bulb	773848	22928	26.0	4.2	882	4.7	57.5					90																								
Wet Bulb	585148	20072	22.8	2.7	882	4.9	71.1					90																								
Dew Point	341562	13654	15.5	2.1	882	13.2	87.1					90																								

USAFAETAC FORM 10-26-3 (01-A) PREPARED BY AIRCRAFT OBSERVATION

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT ON
 STATION STATION NAME

73-82
 YEARS

NOV
 MONTH

PAGE 1 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
51 / 51					.1	.2												3	3																
49 / 49					.2	.2	.1											5	5																
47 / 47				.2	.2	.1												5	5																
45 / 45		.1		.1	.2	.5												14	14																
43 / 43		.2	.1	.6	.9		.1											17	17	4															
42 / 41		.1	.7	1.2			.1											18	18	6															
39 / 39		.2	.5	.9	.2													16	16	8	3														
37 / 37	.2	.2	.9	1.3	.3													24	24	23	4														
35 / 35	.1	.5	1.4	1.4	.5													33	33	32	2														
34 / 33	.2	1.3	2.3	1.3	.3													48	48	32	13														
32 / 31	.8	3.4	4.6	1.7														91	91	44	34														
29 / 29	1.2	3.9	2.4	.7	.1													72	72	77	33														
27 / 27	1.6	2.7	3.1	.3														67	67	94	52														
25 / 25	1.3	1.9	.3															34	34	75	73														
23 / 23	.8	2.5	.5															33	33	46	61														
22 / 21	2.0	1.7	.8															39	39	56	42														
19 / 19	1.3	3.6	.2															44	45	41	66														
17 / 17	1.3	2.5																33	33	47	46														
15 / 15	1.2	1.7																25	25	30	58														
14 / 13	.9	1.6																39	39	26	79														
12 / 11	.8	1.4																18	18	26	39														
11 / 9	1.9	2.2																35	35	28	47														
9 / 7	1.7	1.4																27	27	29	31														
7 / 5	.3	1.6																17	17	16	20														
4 / 3	.7	1.5																19	19	25	14														
2 / 1	.1	1.7																10	10	14	15														
0 / -1	2.1	.2																20	20	21	18														
-2 / -3	1.3																	11	11	13	14														
-4 / -5	1.4	.2																14	14	12	20														
-6 / -7	1.4																	12	12	14	8														
-8 / -9	1.5																	13	13	13	19														
-11 / -11	.6																	5	5	5	19														
-12 / -13	.2																	2	2	2	11														
-14 / -15																					9														

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 1023 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 USAF/STAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 STATION COLD LAKE APT CN STATION NAME 73-82 YEARS NOV
 PAGE 2 1600-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL Wet Bulb Dew Point		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24-25	26-27	28-29	30	+31	D.B. W.B.	Dry Bulb																
16/-17																																				7
16/-19																																				5
17/-21																																				4
22/-23																																				3
TOTAL	26.9	39.7	18.1	9.5	4.2	1.2	.3	.1																											863	
																																				964
																																				863

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.	4788117	63035	73.0	4.607	863							
Dry Bulb	589458	19278	22.3	3.587	864	8.0	70.9					90
Wet Bulb	476890	17422	20.2	2.147	863	8.3	78.8					90
Dew Point	317774	12454	14.4	2.655	863	14.3	88.0					90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-82

NOV

STATION

STATION NAME

YEARS

PAGE 1 2100-2700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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						.2																											2	2				
48/ 47						.1																											1	1				
46/ 45						.5																											8	8		1		
44/ 43				.1	.2	.2	.2																										7	7		2		
42/ 41				.1	1.2	.2	.1																											15	15		4	
40/ 39			.2	.1	.9	.2	.1																											14	14		7	
38/ 37			.5	.7	.9	.3																												21	21		10	
36/ 35	.1	1.0	1.2	.5	.3																													28	28		21	
34/ 33	.3	1.2	2.0	.7	.1																														39	39		35
32/ 31	1.2	2.7	3.0	1.6																															76	76		53
30/ 29	1.4	4.4	2.3	.2																															73	73		71
28/ 27	.9	4.1	2.0	.1																															63	63		65
26/ 25	1.8	3.5	1.2	.1																															59	59		44
24/ 23	1.4	2.6	.9																																43	43		57
22/ 21	1.7	3.8	.7																																55	55		70
20/ 19	1.7	3.2	.2																																45	45		50
18/ 17	.8	3.4																																	37	37		54
16/ 15	1.2	1.8																																	27	27		28
14/ 13	1.6	2.5																																	36	36		29
12/ 11	.9	1.8																																	24	24		24
10/ 9	2.5	1.1																																	32	32		39
8/ 7	.5	2.3																																	24	24		15
6/ 5	.8	1.6																																	21	21		24
4/ 3	.6	1.0																																	14	14		18
2/ 1	1.0	1.8																																	25	25		23
0/ -1	2.1																																		19	19		28
-2/ -3	1.4																																		12	12		12
-4/ -5	2.3																																		20	20		20
-6/ -7	1.0																																		9	9		9
-8/ -9	1.5																																		13	13		13
-10/ -11	1.5																																		13	13		13
-12/ -13	.5																																		4	4		4
-14/ -15	.5																																		4	4		4
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																																
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																											
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
STATION STATION NAME

73-82
YEARS

NOV
MONTH

PAGE 2

2100-2300
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
14/-17	.2																	2	2	2	10														
15/-19																					9														
17/-21																					10														
22/-23																					5														
24/-25																					1														
TOTAL	31.2	4.5	4.7	6.9	2.3	.6												886	886	886															

Element (X)	$\Sigma X'$	ΣX	\bar{X}	S_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5254733	67251	75.9	3.024	886							90
Dry Bulb	524376	17896	20.2	3.567	886	9.8	76.2					90
Wet Bulb	440406	16420	18.5	2.401	886	10.7	82.2					90
Dew Point	309938	11906	13.4	3.017	886	16.5	88.5					90

USAFETAC FORM 0-26.3 (O.L.A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-87

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
66/ 65										.0																								1	1			
64/ 63										.0																									1	1		
62/ 61										.0																									1	1		
61/ 59										.0																									2	2		
59/ 57									.0	.0																									7	7		
58/ 55								.0	.0	.1																									9	9		
54/ 53									.1	.1																									15	15		
52/ 51					.0	.2		.1	.1	.0																									28	28		
50/ 49					.1	.2		.2	.0	.0																									39	39		2
48/ 47				.1	.2	.1		.0																											34	34		6
46/ 45		.0	.0	.5	.4	.3		.1	.0																										95	95		15
44/ 43		.0	.1	.4	.3	.2		.1																											84	84		48
42/ 41		.1	.4	.7	.5	.2		.0																											130	130		47
40/ 39	.0	.2	.6	.8	.5	.2																													151	151		71
38/ 37	.0	.2	1.0	1.3	.6	.0																													214	214		125
36/ 35	.0	.7	1.5	1.3	.4																														268	268		160
34/ 33	.3	1.6	1.7	1.2	.3																														349	349		369
32/ 31	.8	2.8	3.4	.9	.0																														555	555		416
30/ 29	1.2	2.7	1.9	.4	.0																														431	433		529
28/ 27	1.3	3.1	2.2	.2																															474	474		548
26/ 25	1.7	3.4	.8	.0																															412	412		534
24/ 23	1.3	3.4	.5																																367	368		484
22/ 21	1.3	3.2	.4																																340	340		505
20/ 19	1.3	3.0	.2																																316	317		336
18/ 17	1.6	3.0	.1																																328	328		387
16/ 15	1.7	2.2	.0																																270	270		293
14/ 13	1.8	3.4	.1																																367	367		295
12/ 11	.8	1.6	.0																																174	174		215
10/ 9	1.6	1.5	.1																																217	219		223
8/ 7	.9	1.5																																	168	168		155
6/ 5	.7	1.8																																	176	176		163
4/ 3	.9	1.5																																	168	168		211
2/ 1	.5	1.4																																	135	135		155
0/ -1	1.7	.1																																	124	124		154
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																										
Ref. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 NOV
STATION STATION NAME YEARS MONTH

PAGE 2 ALL
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-2/-3	1.1	.2																91	91	95	155														
-4/-5	1.9	.2																150	150	143	169														
-6/-7	1.0	.1																76	76	78	118														
-8/-9	1.2																	84	84	89	122														
-10/-11	.8																	54	54	54	96														
-12/-13	.6																	45	45	45	76														
-14/-15	.3																	19	19	19	66														
-16/-17	.2																	15	15	15	73														
-18/-19	.0																	3	3	3	52														
-20/-21	.1																	8	8	8	46														
-22/-23	.1																	5	5	5	51														
-24/-25																					9														
-26/-27																					8														
-28/-29																					5														
-30/-31																					2														
-32/-33																					1														
TOTAL	28.5	43.0	14.9	7.9	3.6	1.3	.5	.2		.0								7000	7006	7000	7000														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	40021517	519663	74.2	4.359	7000	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	4572063	149315	21.3	4.085	7006	69.3	573.2					720
Wet Bulb	3730161	135413	19.3	2.597	7000	72.8	633.3					720
Dew Point	2523581	96981	13.9	2.988	7000	122.7	706.0					720

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 YEARS DEC MONTH
 STATION STATION NAME YEARS MONTH
 PAGE 2 1000-0200
 HOURS USED

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	O.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
26/-27	.8																	7	7	7	16	
28/-29	.4																	4	4	4	16	
30/-31	.7																	6	6	6	11	
32/-33	.4																	4	4	4	9	
34/-35	.2																	2	2	2	10	
36/-37	.4																	4	4	4	7	
38/-39	.2																	2	2	2	4	
40/-41																			2			8
42/-43																						6
44/-45																						1
46/-47																						1
TOTAL	56.9	38.5	4.2	.3														901	905	931	901	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	5433942	69322	76.9	10.561	901							
Dry Bulb	258355	5165	5.7	15.912	905	31.9	90.8					93
Wet Bulb	234667	4697	5.2	15.282	901	32.1	91.3					93
Dew Point	259672	70	.1	16.986	901	42.0	92.4					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 DEC
 STATION STATION NAME YEARS MONTH

PAGE 1 1300-0500
NO. 95 U.S. G.P.O.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
42/ 41			.3															3	3																
38/ 37			.2	.1														3	3	3															
36/ 35	.1	.1	.3															5	5	1	1														
34/ 33	.2	.1	.3															6	6	7	5														
32/ 31		1.0	.3	.3														15	15	12	1														
30/ 29	.3	.8	.6	.3														15	15	10	5														
28/ 27	.2	1.7	.6															22	23	18	18														
26/ 25	.3	1.9	.2															22	22	18	8														
24/ 23	.4	1.4	.4															21	21	25	15														
22/ 21	1.3	2.9	.3															41	41	36	14														
20/ 19	1.9	1.7	.1															33	33	47	28														
18/ 17	1.7	2.8																40	40	42	41														
16/ 15	2.4	2.1																41	41	40	33														
14/ 13	3.1	3.7																61	61	48	62														
12/ 11	1.6	2.4																36	36	34	43														
10/ 9	3.1	3.0																55	55	54	53														
8/ 7	2.6	2.4																45	45	6	33														
6/ 5	2.4	1.4																35	35	45	41														
4/ 3	3.0	3.0																54	54	61	46														
2/ 1	2.1	1.3																31	31	34	42														
0/ -1	2.7																	24	24	25	27														
-2/ -3	3.8	.1																35	35	35	46														
-4/ -5	5.3	.4																52	52	49	36														
-6/ -7	1.8	.1																17	17	20	14														
-8/ -9	3.4																	31	31	31	37														
-10/ -11	2.2																	20	20	20	25														
-12/ -13	1.8																	16	16	16	19														
-14/ -15	1.2																	11	11	11	18														
-16/ -17	1.7																	15	15	15	21														
-18/ -19	1.2																	11	11	11	22														
-20/ -21	1.1																	10	10	10	13														
-22/ -23	2.4																	22	22	22	22														
-24/ -25	1.6																	14	14	14	18														
-26/ -27	1.9																	17	17	17	10														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26 3, OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-82

DEC

STATION STATION NAME YEARS

PAGE 2 1300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																
-26/-29	.9																																8	8	6	12		
-30/-31	.2																																2	2	2	14		
-32/-33	.3																																3	3	3	18		
-34/-35	.4																																4	4	4	11		
-36/-37	.2																																2	2	2	13		
-39/-39	.3																																3	3	3	3		
-41/-41																																		2			5	
-42/-43																																		2			5	
-46/-47																																					3	
TOTAL	61.4	34.4	3.8	.4																															901	906	901	901

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5426123	69221	76.8	0.959	901	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	257939	4517	5.0	16.129	906	33.0	91.3					93
Wet Bulb	231849	4167	4.6	15.369	901	32.8	91.9					93
Dew Point	264569	-513	-6.1	7.136	901	42.5	92.4					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-62 YEARS DEC
STATION STATION NAME MONTH

PAGE 1 2600-0800
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
44/ 43		.1																1	1																
42/ 41		.2																2	2	1															
40/ 39			.2															2	2	2	1														
38/ 37				.2																	1														
36/ 35	.1		.2															3	3	3	2														
34/ 33	.1	.2	.8															10	10	2	1														
32/ 31	.2	.7	.4	.1														13	13	12	2														
30/ 29	.2	1.2	.3															16	16	14	5														
28/ 27	.6	1.7	.3															23	23	21	11														
26/ 25	.7	1.6	.3															23	23	20	20														
24/ 23	.1	2.6	.2															26	26	21	15														
22/ 21	1.1	2.1	.1															30	30	39	12														
20/ 19	2.9	.8																33	33	42	34														
18/ 17	2.2	2.6																43	43	44	42														
16/ 15	1.9	2.1																36	36	39	36														
14/ 13	3.4	3.6																63	63	46	50														
12/ 11	1.2	1.3																23	23	33	39														
10/ 9	3.1	2.3																49	49	45	44														
8/ 7	2.3	2.6																44	44	39	27														
6/ 5	2.4	2.6																45	45	45	43														
4/ 3	2.1	3.0																46	46	52	47														
2/ 1	1.8	3.0																43	43	41	36														
0/ -1	2.7	.2																26	26	29	36														
-2/ -3	2.7																	24	24	26	31														
-4/ -5	6.3	.2																59	59	57	52														
-6/ -7	3.1																	28	28	30	19														
-8/ -9	2.6																	23	23	23	32														
-10/ -11	2.6																	23	23	23	24														
-12/ -13	2.7																	24	24	24	24														
-14/ -15	1.4																	13	13	13	22														
-16/ -17	1.6																	14	14	14	20														
-18/ -19	1.2																	11	11	11	24														
-20/ -21	1.1																	10	10	10	17														
-22/ -23	2.0																	18	18	18	25														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/LMAC

PSYCHROMETRIC SUMMARY

711800 STATION COLD LAKE APT CN 73-82 YEARS DEC MONTH
 PAGE 2 2630-0800
NO. 95 U.S. G.P.O.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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	.9																																8	9	8	11	
-26/-27	2.0																																18	19	16	18	
-27/-29	1.3																																12	17	12	10	
-31/-31	.7																																6	6	6	8	
-32/-33	.2																																2	2	2	12	
-34/-35	.6																																5	5	5	13	
-36/-37	.1																																1	1	1	13	
-38/-39	.1																																1	1	1	10	
-40/-41	.1																																1	5	1	6	
-42/-43																																			1		4
-44/-45																																				1	
-46/-47																																				1	
TOTAL	62.4	34.5	3.0	.1																														901	908	901	901

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						+ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
Rel. Hum.	5485087	69607	77.3	10.933	901							
Dry Bulb	258062	4724	4.4	6.275	908	34.2	91.2					93
Wet Bulb	231824	3828	4.2	5.476	901	34.3	92.2					95
Dew Point	269469	-755	-8.1	7.283	901	44.7	92.5					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
 STATION STATION NAME

73-82
 YEARS

DEC
 MONTH

PAGE 1 2900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
42/ 41		.2		.1	.1													4	4																
40/ 39	.1	.1		.1														3	3	3	3														
38/ 37		.1	.1															2	2	1															
36/ 35		.6	.1															6	6	4	1														
34/ 33		.4	.6															9	9	6	2														
32/ 31	.3	.4	1.2															18	18	12	6														
30/ 29		1.0	.8															16	16	14	3														
28/ 27	.9	1.6	.3															25	25	19	13														
26/ 25	.9	1.1	.1															19	19	29	20														
24/ 23	.6	.7	.7															17	17	18	15														
22/ 21	1.7	2.4	.3															39	39	34	17														
20/ 19	1.5	1.9																30	30	41	32														
18/ 17	1.9	1.7																32	32	36	33														
16/ 15	3.3	2.4																50	50	48	37														
14/ 13	1.9	3.1																45	45	31	57														
12/ 11	2.0	2.0																36	36	40	28														
10/ 9	3.4	1.9																47	48	49	52														
8/ 7	3.1	4.2																65	65	46	33														
6/ 5	1.2	3.3																40	40	47	38														
4/ 3	.6	4.0																41	41	56	35														
2/ 1	1.2	2.1																30	31	39	38														
0/ -1	3.5																	31	31	32	28														
-2/ -3	4.0	.4																40	40	45	42														
-4/ -5	4.5	.6																46	46	43	57														
-6/ -7	1.8	.3																19	19	21	26														
-8/ -9	3.4																	30	30	31	24														
-10/-11	1.7																	15	15	15	20														
-12/-13	2.8																	25	25	25	22														
-14/-15	1.8																	16	16	16	22														
-16/-17	1.2																	11	11	11	23														
-18/-19	1.3																	12	12	12	17														
-20/-21	1.8																	16	16	16	23														
-22/-23	1.5																	13	13	13	23														
-24/-25	1.2																	11	12	11	12														
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26.3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

711230 STATION COLD LAKE APT CN 73-82 STATION NAME YEARS DEC 0990-1190

PAGE 2 0990-1190

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.	W.B.	Dr. B.	Wet B.	Dry Point																
-27/-27	.8																	7	2	2	7	11																
-27/-29	1.3																	12	12	12	12	16																
-27/-31	.2																	2	2	2	2	8																
-27/-33	.2																	2	2	2	2	9																
-34/-35	.2																	2	2	2	2	9																
-36/-37	.4																	4	4	4	4	5																
-37/-39	.1																	1	1	1	1	10																
-41/-41	.1																	1	2	1	1	3																
-42/-43																			1			3																
-44/-45																						4																
TOTAL	57.5	36.6	4.3	.2	.1													890	995		895	953																

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						< 0 F	> 32 F	> 67 F	> 73 F	> 80 F	> 93 F	
Rel. Hum.	5296894	67944	76.31	1.221	897							
Dry Bulb	252239	4829	5.4	5.898	896	33.2	92.5					93
Wet Bulb	228614	4432	5.0	5.242	890	33.1	91.5					93
Dew Point	259758	-292	-3.1	7.090	890	44.6	92.4					93

USA FETAC FORM 0 26 3 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT ON

73-82

DEC

STATION

STATION NAME

YEARS

PAGE 1 1270-1400

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dr. Bulb	Wet Bulb	Dew Point													
41 / 45		.2																2	2																
41 / 43		.1	.3															4	4																
41 / 41				.1														2	2		1	2													
41 / 39			.1	.7														7	7		3	1													
41 / 37		.1	.4	.1														6	6																
41 / 35		.3	1.1															13	13		5	3													
34 / 33		.3	.7	.1														10	10		17														
33 / 31		.3	1.1															13	13		15	2													
32 / 29	.2	1.7	1.2	.2														30	30		13	12													
32 / 27	.4	2.0	1.6	.1														37	37		29	13													
32 / 25	.4	1.7	.8															26	26		31	30													
32 / 23	.4	3.5	.9															43	44		36	17													
32 / 21	.9	1.5	.1															25	25		51	29													
32 / 19	1.1	3.5	.4															53	53		56	31													
32 / 17	1.5	2.8	.1															35	35		43	30													
32 / 15	1.7	2.8																40	40		46	42													
32 / 13	1.2	4.6																52	52		34	31													
32 / 11	1.2	3.6	.1															44	45		49	36													
32 / 9	1.6	5.7																65	65		45	49													
32 / 7	.8	4.9	.1															52	52		55	36													
32 / 5	.3	3.0																21	22		44	37													
32 / 3	.8	3.6																39	39		49	39													
32 / 1	.1	2.5																23	23		25	33													
32 / -1	3.9	.1																36	36		38	34													
32 / -3	1.9	.7																23	23		22	34													
32 / -5	2.3	.2																29	29		29	42													
32 / -7	1.7	.2																17	17		18	27													
32 / -9	3.5																	31	31		32	22													
32 / -11	2.7																	26	26		26	23													
32 / -13	1.9																	17	17		17	14													
32 / -15	1.6																	14	14		14	15													
32 / -17	1.8																	16	16		16	17													
32 / -19	.9																	8	8		8	24													
32 / -21	1.0																	9	9		9	26													

Element (X)	Z ₁	Z ₂	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0 26 3 QLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CV
STATION STATION NAME

73-92

DEC

PAGE 2 1400-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	.2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	DB	WB	Dry B.	Wet B.	Dew P.															
22/-23	1.7																	15	15	15		34															
24/-25	.4																	4	4	4		10															
26/-27	.3																	3	3	3		15															
28/-29	.1																	1	1	1		12															
31/-31	.2																	2	2	2		9															
32/-33	.1																	1	1	1		6															
34/-35																						3															
36/-37	.1																	1	1	1		5															
37/-39																						1															
41/-41																						1															
42/-43																						1															
TOTAL	37.5	47.8	9.2	1.5														895	898		895	895															

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	4332204	55716	73.4	10.938	895	26.2	88.4					93
Wet Bulb	297347	8433	9.4	14.517	895	25.6	90.1					93
Dew Point	251746	7530	8.4	16.238	895	38.7	92.4					93

USAFETAC FORM 10 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-82

PAGE 1 1970-1970

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	DB. WB.	Wet Bulb	Wet Bulb	Dew Point														
47/47			.2	.1														3	3																
44/45			.1															1	1																
44/43			.1															1	1		2														
42/41			.1															1	1		2														
47/39			.1	.3	.1													5	5		4														
38/37		.2	.7	.4														12	12	1	3														
38/35		.6	1.0	.2														16	16	3	2														
34/33	.1	.1	.9	.1														11	11	22	2														
32/31	.1	.8	1.3															20	20	17	7														
31/29		.9	1.1	.1														19	19	14	9														
28/27	.4	3.2	2.9															59	59	24	15														
26/25	.7	2.4	1.1															38	38	47	24														
24/23	.7	3.0	.3															36	36	55	26														
22/21	1.1	2.3	.2															33	33	53	36														
21/19	1.3	2.5	.4															39	39	76	33														
18/17	.8	3.5																39	39	49	39														
16/15	1.1	2.4																32	32	32	49														
14/13	1.8	4.9																60	60	43	67														
13/11	.9	3.8																42	42	42	40														
11/9	.9	4.7																51	51	44	47														
9/7	.9	4.5																49	49	43	37														
6/5	.4	3.8																38	38	47	33														
4/3	.6	3.8																39	39	59	26														
2/1	.2	3.2																31	31	36	37														
1/ -1	2.6	.2																26	26	27	39														
-2/ -3	2.2	.2																22	22	23	37														
-4/ -5	2.0	1.0																27	27	25	47														
-6/ -7	1.2	.1																12	12	14	22														
-8/ -9	3.4																	31	31	32	28														
-11/ -11	3.1																	28	28	26	13														
-12/ -13	2.2																	20	20	20	11														
-14/ -15	1.2																	11	11	11	17														
-16/ -17	1.1																	10	10	10	20														
-18/ -19	1.3																	12	12	12	19														
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7:1200 COLD LAKE APT ON 73-82 DEC
STATION STATION NAME YEARS MONTH

PAGE 2 1500-1700
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
21/-21	1.1																	10	10	10	10	16															
22/-23	1.5																	14	14	14	14	33															
24/-25	.2																	2	2	2	2	18															
26/-27	.2																	2	2	2	2	17															
28/-29	.3																	3	3	3	3	7															
30/-31	.1																	1	1	1	1	7															
32/-33																						8															
34/-35																						2															
36/-37																						4															
38/-39																						1															
40/-41																						1															
TOTAL	35.9	52.1	0.6	1.3	.1													906	906	906	906	906															

Element (X)	$\Sigma X'$	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						- 0 F	- 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
Rel. Hum.	4929768	66126	73.0	0.691	906							
Dry Bulb	306241	9299	12.3	5.262	906	23.7	87.9					93
Wet Bulb	266368	8342	9.2	4.473	906	24.0	89.8					93
Dew Point	246378	2904	3.2	6.185	906	37.9	92.3					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 STATION COLD LAKE APT CN 73-62 YEARS DEC MONTH
 PAGE 2 1600-2000 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
-24/-25	.9																																6	8	8	19
-26/-27	.3																																3	3	3	23
-28/-29	.2																																2	2	2	9
-30/-31	.6																																5	5	5	5
-32/-33	.1																																1	1	1	7
-34/-35	.1																																1	1	1	11
-36/-37																																				1
-38/-39																																				4
-40/-41																																				5
TOTAL	47.1	47.7	4.9	.3																														901	901	901

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	5266699	68221	75.7	10.605	901							
Dry Bulb	263925	7153	7.9	5.171	901	27.9	90.1					93
Wet Bulb	238271	6469	7.2	4.599	901	28.1	91.6					93
Dew Point	244120	1616	1.8	1.371	901	41.1	92.6					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-82

DEC

STATION

STATION NAME

YEARS

PAGE 1

2100-2100

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
42/ 41			.3	.1																								4	4						
38/ 37			.2																									2	2	3					
36/ 35			.1	.2	.1																							4	4	1					
34/ 33	.2	.8	.5																									14	14	7	5				
32/ 31		.3	.6																									8	8	15	1				
30/ 29	.4	1.1	.7	.2																								22	22	7	6				
28/ 27	.1	2.6	.9																									33	33	17	17				
26/ 25	.9	1.9	.1																									26	26	45	7				
24/ 23	.6	1.4	.2																									20	20	22	20				
22/ 21	1.1	2.0	.2																									30	30	37	21				
20/ 19	1.2	2.8																										36	36	37	36				
18/ 17	2.3	3.1																										49	49	49	30				
16/ 15	2.2	2.3																										38	38	39	45				
14/ 13	3.0	4.1																										64	64	50	72				
12/ 11	1.3	3.5																										44	44	44	44				
10/ 9	2.4	1.9																										39	39	45	48				
8/ 7	2.1	4.1																										56	56	37	38				
6/ 5	1.5	3.7																										48	49	49	29				
4/ 3	.9	3.9																										43	43	72	32				
2/ 1	1.2	2.2																										31	31	29	44				
0/ -1	2.9	.1																										27	27	32	33				
-2/ -3	3.1	.1																										29	29	30	44				
-4/ -5	4.3	.7																										45	45	42	48				
-6/ -7	2.4																											22	22	25	18				
-8/ -9	2.5																											23	23	23	39				
-10/ -11	2.2																											20	21	20	19				
-12/ -13	1.7																											15	15	15	18				
-14/ -15	1.5																											14	14	14	16				
-16/ -17	2.6																											24	24	24	17				
-18/ -19	1.4																											13	13	13	25				
-20/ -21	1.0																											9	9	9	11				
-22/ -23	2.4																											22	22	22	24				
-24/ -25	1.1																											10	10	10	19				
-26/ -27	.4																											4	4	4	23				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		σ_y		r_{xy}		No. Obs.		Mean No. of Hours with Temperature																				
Rel. Hum.														≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total															
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/LMAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT ON 73-82 DEC
 STATION STATION NAME YEARS MONTH
 PAGE 2 2100-2300
 HOURS U.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL																															
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																														
27-29																																6	6	6	11																															
27-31																																2	2	2	10																															
27-33																																2	2	2	10																															
34-35																																7	7	7	7																															
37-37																																1	1	1	4																															
37-39																																1	1	1	4																															
47-47																																																																		
47-43																																																																		
47-45																																																																		
TOTAL	0	3	3	2	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	907	909	907	907																											

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	5441109	69623	76.8	0.332	907							93
Dry Bulb	254234	5684	6.3	5.519	907	30.4	90.5					93
Wet Bulb	232641	5101	5.6	5.004	907	31.0	91.9					93
Dew Point	250972	438	5.1	6.637	907	42.2	92.5					93

USAFETAC FORM 0 26 3 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 DEC
STATION STATION NAME YEARS MONTH

PAGE 1 ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
46/ 47			.0	.0																													3	3			
44/ 45		.0	.0																															3	3		
44/ 43		.0	.1																															8	8	4	
42/ 41		.1	.1	.1	.0																													16	18	4	2
41/ 39	.0	.0	.1	.1	.0																													21	21	11	5
38/ 37		.1	.3	.1																														32	32	12	4
36/ 35	.1	.3	.5	.0																														61	61	23	13
34/ 33	.1	.4	.6	.1																														80	80	79	21
32/ 31	.2	.6	.8	.1																														119	119	103	31
30/ 29	.2	1.1	.7	.1																														148	148	95	54
28/ 27	.4	2.1	1.1	.0																														256	257	164	114
26/ 25	.8	1.9	.4																															228	228	256	136
24/ 23	.4	2.2	.4																															221	222	242	149
22/ 21	1.1	2.4	.2																															270	270	344	175
20/ 19	1.6	2.2	.1																															287	287	346	249
18/ 17	1.6	3.0	.0																															330	330	356	306
16/ 15	2.0	2.2																																303	304	297	331
14/ 13	2.4	4.1																																468	468	344	520
12/ 11	1.4	2.8	.0																															308	309	332	300
10/ 9	2.7	3.1																																12	413	390	407
8/ 7	2.0	3.5	.0																															399	399	345	281
6/ 5	1.4	3.0																																312	314	354	297
4/ 3	1.3	3.5																																346	346	400	275
2/ 1	1.1	2.4																																252	253	269	302
0/ -1	3.1	.1																																232	233	248	272
-2/ -3	3.2	.2																																245	245	251	297
-4/ -5	4.0	.6																																331	331	316	383
-6/ -7	1.8	.1																																139	139	154	179
-8/ -9	3.1																																	220	220	223	247
-10/ -11	2.4																																	172	173	172	165
-12/ -13	2.2																																	162	162	162	139
-14/ -15	1.6																																	115	115	115	139
-16/ -17	1.6																																	117	117	117	165
-18/ -19	1.2																																	88	88	88	160
Element (X)	Σ X'		Σ X		Σ X	Σ X	Σ X	No. Obs.		Mean No. of Hours with Temperature										Total																	
Rel. Hum.										≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F																						
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/LMAC

PSYCHROMETRIC SUMMARY

711203 COLD LAKE APT CN 73-82 DEC
 STATION STATION NAME YEARS MONTH

PAGE 7 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														
21-21	1.2																	89	89	89	142														
22-23	2.7																	144	144	144	218														
24-25	1.7																	69	71	69	118														
26-27	.8																	61	63	61	142														
27-29	.7																	48	48	48	91														
31-31	.4																	26	26	26	72														
32-33	.2																	15	15	15	78														
34-35	.3																	21	21	21	66														
36-37	.2																	13	13	13	47														
38-39	.1																	8	8	6	42														
41-41	.0																	2	11	2	34														
42-43																			4		25														
44-45																					8														
46-47																					5														
TOTAL	51.9	42.0	5.5	.6	.7													7202	7229	7202	7202														

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	42213826	545703	75.8	10.888	7202	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	2138342	49104	6.8	15.802	7202	240.4	720.7					744
Wet Bulb	1915980	44566	6.2	15.092	7202	241.9	730.3					744
Dew Point	2036117	5679	8.1	6.797	7202	333.7	739.4					744

USAFETAC FORM 0 26 3 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-82

ALL MONTH

PAGE 1

ALL MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																				
92/ 91																																		1	1						
90/ 89																																			3	3					
89/ 87																																				23	23				
86/ 85																																				93	94				
84/ 83																																					113	113			
82/ 81																																					244	244			
81/ 79																																					297	298			
79/ 77																																					400	400			
78/ 75																																					545	545			
74/ 73																																					812	813		4	
72/ 71																																					976	976		28	
71/ 69																																					1186	1187		90	
69/ 67																																						2185	2185		207
68/ 65																																						1661	1661		476
64/ 63																																						2258	2259		821
62/ 61																																						2179	2179		1388
61/ 59																																						2367	2397		2169
58/ 57																																						2573	2573		2820
56/ 55																																						2636	2636		3265
54/ 53																																						2835	2937		3429
52/ 51																																						2871	2873		3672
50/ 49																																						4239	4240		3629
48/ 47																																						2511	2512		3431
46/ 45																																						2775	2779		3196
44/ 43																																						2208	2212		3080
42/ 41																																						2084	2084		2612
40/ 39																																						2087	2087		2642
38/ 37																																						2011	2011		2513
36/ 35																																						2158	2159		2618
34/ 33																																						2269	2273		2978
32/ 31																																						3019	3021		2731
30/ 29																																						1988	1992		2552
28/ 27																																						2260	2264		2762
26/ 25																																						1698	1689		2193
Element (X)	Σx^1	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 JUN 71 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7:1200 COLD LAKE APT CN 73-82 ALL MONTHS

PAGE 2 ALL MONTHS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
24/ 23	.3	1.2	.4	.0																													1570	1572	1998	2536	
22/ 21	.4	1.1	.2	.0																														1511	1511	2135	2549
21/ 19	.5	1.1	.2	.0																														1449	1451	1678	2542
18/ 17	.4	1.2	.2	.0																														1511	1511	1764	2158
17/ 15	.6	1.0	.1	.0																														1357	1359	1447	2141
14/ 13	.7	1.6	.1																															2023	2024	1503	2713
12/ 11	.4	1.1	.1																															1318	1320	1454	1650
11/ 9	.7	1.0	.0																															1471	1479	1572	1902
8/ 7	.5	1.0	.0																															1268	1268	1265	1244
6/ 5	.4	1.0	.0																															1144	1150	1200	1144
4/ 3	.4	1.0																																1215	1218	1595	1711
2/ 1	.3	.9																																1045	1048	1134	1112
1/ -1	1.0	.1																																932	933	1175	1775
-2/ -3	.9	.2																																948	952	995	1080
-4/ -5	1.2	.4																																1311	1311	1216	1468
-6/ -7	.8	.2																																763	763	815	844
-8/ -9	1.1	.0																																923	923	980	991
-11/ -11	.9																																	752	754	754	922
-12/ -13	.9																																	708	709	778	689
-14/ -15	.7																																	548	549	546	767
-16/ -17	.6																																	503	503	503	746
-18/ -19	.5																																	409	409	409	747
-20/ -21	.5																																	395	395	395	714
-22/ -23	.7																																	554	554	554	992
-24/ -25	.3																																	222	224	222	532
-26/ -27	.3																																	214	216	214	552
-28/ -29	.2																																	161	161	151	433
-30/ -31	.1																																	94	94	94	365
-32/ -33	.1																																	60	62	60	272
-34/ -35	.1																																	56	59	56	238
-36/ -37	.0																																	42	42	42	198
-38/ -39	.0																																	28	28	28	139
-40/ -41	.0																																	31	40	31	107
-42/ -43	.0																																	10	16	10	74
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 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
STATION STATION NAME

73-87
YEARS

PAGE 7
ALL
ALL

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																
-44/-45	.0																																3	6	3	45		
-46/-47																																			1			12
-48/-49																																						1
-51/-51																																						
TOTAL	19.8	32.2	16.0	9.6	6.8	5.0	3.9	2.9	1.9	1.1	.5	.2	.1	.0	.0	.0																				84231	84124	
																																				84124	84124	

Element (X)	Z _x ¹	Z _x	X	% _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
Rel. Hum.	427893615	5807291	69.0	7.916	84124							
Dry Bulb	155336247	2939579	34.9	25.025	84231	1004.0	3676.6	725.2	267.4	52.4		8760
Wet Bulb	121677224	2672286	30.9	22.125	84124	1028.4	4022.9	34.9	.4			8760
Dew Point	95637635	2078119	24.7	22.948	84124	1445.0	5117.2	2.6				8760

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

GLOBAL CLIMATOLOGY BRANCH
 USAF/DTAG
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

73-82 GOLD LAKE APT ON

73-82

PERIOD	MEAN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1-12	MEAN	-1.7	5.7	16.9	33.7	45.0	51.6	56.5	52.9	45.5	36.8	19.5	5.7	20.8
	S.D.	17.367	16.638	13.501	11.396	8.106	5.819	5.045	6.698	6.615	7.882	13.469	15.912	22.756
	TOTAL OBS	882	810	904	855	906	836	883	897	879	897	877	925	10336
1-13	MEAN	-1.0	3.5	14.1	30.9	42.0	49.0	54.0	50.6	43.4	35.4	16.4	5.0	26.7
	S.D.	17.881	17.008	13.489	11.078	7.861	6.018	4.952	6.566	6.642	7.792	13.426	16.129	22.478
	TOTAL OBS	900	816	916	863	901	842	887	907	881	902	880	926	10601
1-14	MEAN	-2.6	2.4	12.8	32.3	46.0	54.2	57.9	52.8	43.7	34.5	17.6	4.4	29.7
	S.D.	17.954	17.389	13.823	11.682	8.154	6.110	5.016	6.627	6.651	7.759	13.387	16.275	24.070
	TOTAL OBS	878	800	893	853	890	846	872	890	847	889	870	928	10424
1-15	MEAN	-1.7	6.0	19.4	40.5	54.1	61.4	65.5	60.6	51.8	40.4	20.4	5.4	25.4
	S.D.	17.537	16.710	13.527	13.260	9.466	7.069	6.211	7.635	8.142	9.188	13.971	15.898	26.214
	TOTAL OBS	881	802	899	855	891	840	873	901	881	903	873	896	10495
1-16	MEAN	3.9	13.0	26.4	45.8	58.3	65.1	69.6	65.4	57.6	47.1	26.1	9.4	40.5
	S.D.	18.964	16.564	12.976	10.818	10.136	8.061	7.045	6.686	10.053	10.484	14.465	15.233	25.945
	TOTAL OBS	892	816	900	864	892	826	861	885	866	925	873	898	10478
1-17	MEAN	4.9	15.6	28.8	47.3	59.7	66.4	70.7	66.2	58.8	47.7	26.0	10.3	41.8
	S.D.	18.714	16.608	12.438	13.686	10.245	8.392	7.205	8.935	10.507	10.573	14.226	15.252	25.871
	TOTAL OBS	906	831	906	884	915	834	880	895	873	902	883	926	10617
1-18	MEAN	2.2	11.7	25.5	43.9	57.0	63.6	68.0	62.6	54.0	42.5	22.3	7.9	38.4
	S.D.	16.880	15.974	11.997	12.951	9.883	7.672	6.680	8.478	8.855	9.352	13.587	15.171	25.470
	TOTAL OBS	887	797	892	861	896	821	861	880	867	908	864	901	10437
1-19	MEAN	5.5	8.7	21.0	38.2	50.3	57.0	61.1	56.3	48.6	38.9	20.2	6.3	33.9
	S.D.	17.354	15.797	12.294	11.411	8.534	6.327	5.499	7.240	7.202	8.376	13.567	15.519	23.699
	TOTAL OBS	910	824	902	873	903	849	888	902	883	912	886	909	10641
ALL HOURS	MEAN	8.6	8.3	20.6	39.1	51.6	58.5	62.9	58.4	50.4	40.4	21.3	6.6	34.9
	S.D.	17.495	17.131	14.075	13.791	11.052	9.275	8.502	9.540	10.014	10.157	14.085	15.802	25.025
	TOTAL OBS	7147	6496	7212	6908	7184	6694	7003	7157	6977	7218	7006	7229	84231

CLIMATE BRANCH
 WEATHER SERVICE

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DERIVED FROM HOURLY OBSERVATIONS

WIND LAKE APT ON

73-87

	AN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	-1.4	4.5	13.5	23.1	43.7	48.4	53.9	50.7	43.2	33.9	18.0	5.2	28.4
STDEV	17.323	15.773	12.258	9.676	6.947	4.976	4.605	5.383	5.203	6.731	12.431	15.232	21.550
WET-BULB	655	810	904	854	906	834	683	896	876	895	877	911	1026
MEAN	-2.0	2.8	13.1	28.3	35.8	43.7	52.1	49.0	41.7	33.0	17.2	4.6	27.1
STDEV	17.328	16.316	12.864	9.778	7.134	5.307	4.746	6.153	6.192	6.814	12.575	15.359	21.499
WET-BULB	697	815	916	853	920	842	685	926	881	902	879	911	1057
MEAN	-2.0	1.7	11.9	29.2	41.6	50.2	54.7	50.5	41.8	32.4	16.5	4.2	27.7
STDEV	17.326	16.468	13.253	10.028	7.507	4.910	4.340	5.994	6.340	6.927	12.580	15.476	22.510
WET-BULB	669	796	893	852	879	845	670	889	845	888	870	901	1039
MEAN	-1.1	5.0	17.3	34.5	45.6	53.4	58.2	54.8	47.0	36.5	16.7	5.0	31.3
STDEV	15.515	15.795	12.324	9.999	7.102	4.908	4.462	5.953	5.309	7.361	12.714	15.242	23.205
WET-BULB	676	832	899	875	889	840	673	920	881	902	873	890	1043
MEAN	1.1	11.0	22.0	37.1	47.2	54.4	59.2	56.4	49.4	39.9	22.9	6.4	34.7
STDEV	15.546	14.987	11.119	9.472	6.889	4.589	4.569	5.986	5.657	7.468	12.259	14.517	21.747
WET-BULB	690	814	899	864	892	823	661	893	866	915	870	895	1048
MEAN	0.9	10.0	24.3	37.6	47.6	54.7	59.5	56.6	49.7	40.0	22.8	9.2	34.3
STDEV	15.716	14.769	11.461	9.115	6.711	4.935	4.654	5.952	5.776	7.438	12.071	14.473	21.354
WET-BULB	915	830	905	863	914	834	680	895	873	902	882	916	1060
MEAN	1.5	10.0	22.2	36.0	46.6	53.9	58.8	55.5	47.7	37.1	20.2	7.2	33.0
STDEV	15.135	14.693	11.573	9.130	6.679	4.756	4.650	5.117	5.512	7.177	12.147	14.529	21.551
WET-BULB	688	797	892	860	895	819	661	879	865	907	863	911	1042
MEAN	-0.1	7.6	18.9	33.0	43.7	51.5	56.4	52.7	45.1	35.1	18.5	5.6	30.7
STDEV	15.856	14.847	11.355	9.030	6.760	4.837	4.547	6.202	5.203	6.859	12.401	15.004	21.750
WET-BULB	978	824	901	873	903	849	688	899	883	912	886	917	1063
MEAN	0.0	7.0	18.2	33.3	44.0	51.6	56.6	53.3	45.7	36.0	19.3	5.2	30.9
STDEV	15.733	15.924	12.564	10.133	7.548	5.651	5.250	6.649	7.075	7.610	12.597	15.092	22.125
WET-BULB	712	648	720	694	717	668	700	717	693	723	700	722	842

USAFETA (JUL)

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GENERAL CLIMATOLOGY BRANCH
USAFETAC
ALC WEATHER SERVICE/740

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

STATION: SULLY LAKE APT CN

73-82

PERIOD	MEAN	STDEV	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL OBS
1-1	-7.5	1.5	10.1	23.9	35.2	45.5	51.8	48.8	42.7	29.5	13.2	.1	24.2	19.37	17339
TOTAL OBS	885	810	974	854	906	834	883	896	878	895	877	971	17326		
1-2	-3.3	2.2	23.1	34.7	44.6	50.5	47.6	39.7	29.2	12.7	-.5	23.2	18.37	17339	
TOTAL OBS	897	815	918	863	900	842	885	906	881	902	879	971	17557		
1-3	-4.3	2.2	23.7	36.5	46.8	52.2	48.7	39.8	29.0	12.2	-.3	23.5	21.17	17339	
TOTAL OBS	889	776	893	852	879	845	870	889	845	885	870	971	17397		
1-4	-1.6	1.8	25.2	36.1	46.5	52.7	50.2	42.4	31.1	13.6	-.3	24.9	18.56	17339	
TOTAL OBS	875	812	899	855	889	840	873	900	881	902	873	890	17482		
1-5	2.5	1.4	25.0	35.0	45.3	51.6	49.5	41.7	30.9	15.8	2.5	25.7	18.55	17339	
TOTAL OBS	871	814	899	864	892	823	861	883	866	905	870	895	17462		
1-6	3.8	1.4	24.5	34.4	44.7	51.3	49.1	41.1	30.1	15.5	3.2	25.6	18.11	17339	
TOTAL OBS	895	830	905	883	914	834	880	895	873	902	882	916	17619		
1-7	2.3	1.8	24.6	35.0	45.5	52.1	49.9	41.7	29.9	14.4	1.8	25.4	18.75	17339	
TOTAL OBS	886	797	892	860	895	812	861	879	866	907	863	901	17428		
1-23	6.7	.9	12.3	24.8	35.9	46.8	52.8	49.9	41.4	29.5	13.4	.5	25.1	19.67	17339
TOTAL OBS	905	824	901	873	903	849	888	899	883	912	886	927	17633		
ALL MONTHS	-6.5	-.1	11.2	24.3	35.3	45.7	51.9	49.2	41.1	29.9	13.9	.8	24.7	19.77	17339
TOTAL OBS	7123	6488	7209	6904	7178	6686	7001	7147	6973	7213	7000	7202	84124		

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 METEOROLOGICAL SERVICE/MAO

RELATIVE HUMIDITY

STATION 12 COLD LAKE APT CN
STATION

73-82
PERIOD

JAN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10	20	30	40	50	60	70	80	90		
JAN	00-02	100.0	100.0	100.0	99.8	99.3	84.9	48.6	25.0	10.9	72.2	658
	03-05	100.0	100.0	100.0	100.0	99.2	83.6	49.2	24.6	11.8	72.4	627
	06-08	100.0	100.0	100.0	99.9	99.3	84.1	48.4	23.6	11.4	72.0	659
	09-11	100.0	100.0	99.9	99.9	98.5	83.3	47.7	23.7	9.7	71.7	975
	12-14	100.0	100.0	99.9	99.8	95.7	72.6	38.2	17.3	5.5	68.4	82
	15-17	100.0	100.0	100.0	99.1	93.5	68.1	33.6	13.4	4.3	66.6	905
	18-20	100.0	100.0	100.0	100.0	97.5	80.0	43.7	18.9	7.3	70.1	698
	21-23	100.0	100.0	100.0	100.0	98.7	83.4	47.9	23.6	10.4	71.7	908
TOTALS		100.0	100.0	100.0	99.8	97.7	80.0	44.6	21.3	8.9	71.6	7123

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

2000 COLD LAKE APT CN 73-82 FEB 86
STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS EST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10	20	30	40	50	60	70	80	90		
FEB	0-02	100.0	100.0	100.0	100.0	98.9	87.4	49.6	22.8	6.2	72.2	611
	3-05	100.0	100.0	100.0	99.9	99.7	89.9	53.1	25.2	9.3	73.2	615
	6-08	100.0	100.0	100.0	100.0	99.6	91.7	54.1	24.6	8.9	73.3	706
	9-11	100.0	100.0	100.0	100.0	98.8	83.3	46.9	16.6	5.0	70.7	802
	12-14	100.0	100.0	99.9	99.6	89.8	56.1	23.1	6.4	1.0	63.2	614
	15-17	100.0	100.0	100.0	98.9	79.6	44.2	17.7	4.0	.5	60.2	830
	18-2	100.0	100.0	100.0	99.9	94.0	68.0	28.5	10.0	1.6	65.9	797
	21-23	100.0	100.0	100.0	99.8	97.9	83.4	46.2	15.4	3.5	70.3	624
TOTALS		100.0	100.0	100.0	99.8	94.7	75.5	39.9	15.6	4.5	68.6	6488

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/LMAC

RELATIVE HUMIDITY

7 1200
 STATION

COLD LAKE APT CN
 STATION NAME

73-82

PERIOD

MAR
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS FIRST	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	98.0	87.6	64.2	34.2	9.8	74.9	974
	03-05	100.0	100.0	100.0	100.0	98.6	92.0	72.7	43.6	14.4	77.4	916
	06-08	100.0	100.0	100.0	100.0	99.6	92.2	74.1	43.8	15.3	77.7	893
	09-11	100.0	100.0	100.0	99.6	92.9	72.3	44.7	19.4	5.1	68.8	899
	12-14	100.0	100.0	99.3	93.1	71.4	42.4	18.0	6.7	1.8	58.9	899
	15-17	100.0	100.0	98.8	88.7	59.3	32.2	12.5	5.4	1.0	55.4	905
	18-20	100.0	100.0	100.0	95.1	77.8	53.4	24.2	9.4	2.6	62.0	892
	21-23	100.0	100.0	100.0	99.2	94.1	73.5	45.7	21.4	5.1	69.5	901
TOTALS		100.0	100.0	99.8	97.0	86.5	68.2	44.5	23.0	6.9	68.1	7209

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1200 COLD LAKE APT CN 73-82 APR
 STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	98.8	95.6	86.9	70.6	47.3	26.9	17.1	69.2	854
	03-05	100.0	100.0	99.5	97.7	94.0	83.2	60.4	36.8	11.9	73.9	863
	06-08	100.0	100.0	99.8	97.9	91.2	77.2	54.6	33.3	11.4	72.2	852
	09-11	100.0	99.9	93.1	81.2	61.2	42.6	24.6	12.6	4.1	57.6	855
	12-14	100.0	96.2	80.4	58.6	39.4	25.5	14.0	8.8	3.2	48.2	864
	15-17	100.0	93.3	71.7	49.3	35.0	23.1	11.0	7.7	1.9	45.0	883
	18-20	100.0	96.9	82.8	62.4	45.7	30.2	15.7	9.1	3.0	50.6	860
	21-23	100.0	99.7	96.4	87.5	69.0	48.2	30.1	16.5	6.2	61.1	873
TOTALS		100.0	98.3	90.3	78.8	65.3	50.1	32.3	19.0	6.5	59.7	6904

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7120
 STATION

COLD LAKE APT CN
 STATION NAME

73-82

PERIOD

MAY
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-04	100.0	100.0	99.4	94.2	83.3	69.2	53.0	36.1	16.7	70.8	906
	05-09	100.0	100.0	99.9	97.7	92.4	81.2	67.9	50.6	24.4	76.9	900
	10-14	100.0	100.0	99.9	96.1	85.1	71.0	50.9	33.4	15.4	71.9	879
	15-19	100.0	98.7	89.3	71.7	51.6	33.0	22.3	13.0	5.5	54.0	889
	20-24	100.0	95.5	74.7	49.1	33.5	21.3	14.9	7.4	3.3	45.5	892
	25-29	100.0	91.8	66.2	42.8	29.1	20.5	13.3	6.6	2.6	42.9	914
	30-31	100.0	96.2	74.1	55.3	39.3	27.9	17.3	11.4	3.8	48.1	895
	TOTALS	100.0	100.0	94.9	82.1	65.0	49.1	35.3	21.5	8.2	61.2	903
	TOTALS	100.0	97.8	87.3	73.6	59.9	46.7	34.4	22.5	17.0	56.8	7178

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12 0 COLD LAKE APT CN 73-82 JUN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	03-02	100.0	100.0	100.0	100.0	97.7	91.6	78.8	55.3	26.1	80.5	634
	03-05	100.0	100.0	100.0	100.0	99.3	96.1	89.8	72.3	39.7	85.3	642
	06-08	100.0	100.0	100.0	100.0	97.5	87.5	71.1	42.7	18.0	77.1	645
	09-11	100.0	100.0	98.8	90.2	69.6	43.2	26.7	12.1	4.6	60.1	640
	12-14	100.0	100.0	92.1	66.8	42.9	28.1	18.3	9.7	3.5	51.6	623
	15-17	100.0	99.5	85.6	58.5	39.2	24.6	15.3	8.2	2.4	48.8	634
	18-20	100.0	99.6	93.5	74.6	52.9	34.9	22.3	9.3	3.8	54.6	619
	21-23	100.0	100.0	100.0	98.7	89.5	69.6	52.1	26.6	11.1	7.3	649
TOTALS		100.0	99.9	96.3	66.1	73.6	59.5	46.8	29.5	13.7	66.1	6686

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 12 0
STATION

COLD LAKE APT CN
STATION NAME

73-82
PERIOD

AUG
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS	
		10%	20%	30%	40%	50%	60%	70%	80%			90
AUG	00-02	100.0	100.0	100.0	99.8	99.1	98.3	94.4	74.1	40.3	86.4	890
	03-05	100.0	100.0	100.0	100.0	100.0	99.4	97.4	84.4	55.6	89.6	906
	06-08	100.0	100.0	100.0	100.0	100.0	99.2	93.0	72.8	39.4	86.1	889
	09-11	100.0	100.0	100.0	99.2	92.2	73.4	46.3	23.0	9.1	69.7	900
	12-14	100.0	100.0	98.9	89.1	64.3	36.2	22.3	12.7	4.6	58.4	883
	15-17	100.0	100.0	96.9	84.9	55.6	34.4	22.1	10.7	3.6	56.4	895
	18-20	100.0	100.0	99.2	94.3	80.4	59.5	37.4	18.2	7.4	65.2	879
	21-23	100.0	100.0	100.0	100.0	98.3	93.5	80.8	49.6	19.5	79.9	899
TOTALS		100.0	100.0	99.4	95.9	66.2	74.4	61.7	43.2	22.3	74.0	7107

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 12 0
STATION

COLD LAKE APT CN
STATION NAME

73-82

PERIOD

SFP
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10	20	30	40	50	60	70	80	90		
SEP	00-02	100.0	100.0	100.0	99.7	98.6	96.5	87.2	65.6	31.7	83.7	678
	03-05	100.0	100.0	100.0	99.8	99.5	98.8	94.0	78.3	46.7	87.3	681
	06-08	100.0	100.0	100.0	100.0	99.6	98.5	92.8	76.1	40.0	86.6	645
	09-11	100.0	100.0	99.8	98.5	91.9	75.3	54.9	30.1	12.7	72.0	680
	12-14	100.0	100.0	95.7	82.8	60.5	40.3	28.8	14.3	6.8	58.4	866
	15-17	100.0	99.7	93.4	74.5	50.6	35.9	23.5	13.3	6.2	55.4	873
	18-20	100.0	100.0	99.2	93.1	76.9	57.2	39.6	22.2	10.7	65.5	866
	21-23	100.0	100.0	100.0	99.5	96.4	88.6	69.1	42.7	19.3	77.2	883
TOTALS		100.0	100.0	98.5	93.5	84.3	73.9	61.2	42.8	21.8	73.3	6973

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12 C
 STATION

COLD LAKE APT CN
 STATION NAME

73-82
 PERIOD

OCT
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
OCT	00-02	100.0	100.0	100.0	99.2	95.9	83.9	66.5	41.3	20.2	76.2	895
	03-05	100.0	100.0	100.0	99.4	97.7	91.0	73.5	51.3	23.5	79.2	902
	06-08	100.0	100.0	100.0	99.8	98.2	93.2	79.5	58.0	26.2	80.9	886
	09-11	100.0	100.0	99.8	97.5	88.4	72.4	51.3	30.9	10.1	70.9	902
	12-14	100.0	100.0	95.2	78.5	57.8	37.2	21.2	9.5	3.7	56.0	905
	15-17	100.0	99.6	92.5	72.8	50.4	32.5	18.5	8.8	2.4	53.5	902
	18-20	100.0	100.0	98.6	92.2	73.1	52.6	32.6	18.9	6.3	63.1	907
	21-23	100.0	100.0	99.8	98.1	87.9	72.5	48.9	29.7	12.4	70.7	912
TOTALS		100.0	100.0	98.2	92.2	81.1	66.9	49.0	31.1	13.0	66.8	7213

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 12.0 STATION COLD LAKE APT CA 73-82 PERIOD NOV MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.2	97.7	91.7	69.7	41.4	17.1	77.1	877
	03-05	100.0	100.0	100.0	100.0	99.1	94.2	75.0	47.6	19.2	78.6	879
	06-08	100.0	100.0	100.0	99.7	98.7	94.6	76.9	52.3	21.5	79.5	870
	09-11	100.0	100.0	99.7	99.1	96.6	88.4	64.9	38.4	14.9	75.8	873
	12-14	100.0	100.0	99.2	93.7	82.5	66.6	44.9	23.7	7.9	67.3	870
	15-17	100.0	99.8	99.2	94.0	81.9	63.5	43.5	22.4	9.0	66.6	882
	18-20	100.0	100.0	99.4	97.8	92.4	80.8	57.1	32.4	14.1	73.0	863
	21-23	100.0	100.0	100.0	99.0	95.8	88.7	66.8	38.3	16.5	75.9	886
TOTALS		100.0	100.0	99.7	97.8	93.1	83.6	62.4	36.8	14.9	74.2	7.00

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FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1200 STATION COLD LAKE APT CN 73-82 PERIOD JFC MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-01	100.0	100.0	100.0	100.0	100.0	94.1	69.4	38.3	14.3	76.9	971
	03-05	100.0	100.0	100.0	100.0	99.6	92.2	70.0	38.3	14.7	76.6	971
	06-08	100.0	100.0	100.0	100.0	99.9	94.5	67.7	38.4	17.9	77.3	931
	09-11	100.0	100.0	100.0	100.0	99.7	92.9	66.3	34.4	15.5	76.3	890
	12-14	100.0	100.0	100.0	99.9	98.9	86.4	58.1	25.6	8.6	73.4	895
	16-17	100.0	100.0	100.0	99.8	99.1	86.9	57.8	25.2	6.8	73.1	906
	18-20	100.0	100.0	100.0	100.0	99.8	92.6	67.4	32.0	11.3	75.7	901
	21-23	100.0	100.0	100.0	100.0	99.9	95.3	69.9	34.6	13.5	76.8	907
TOTALS		100.0	100.0	100.0	100.0	99.6	92.1	65.8	33.4	12.8	75.8	7202

GENERAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C.
 U. S. WEATHER SERVICE/NOAA

RELATIVE HUMIDITY

STATION NO. 1200 COLD LAKE APT GN STATION NAME 73-34 PERIOD ALL MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS EST	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	99.6	97.7	82.2	44.6	21.3	8.9	7.9	7123
FEB		100.0	100.0	100.0	99.0	94.7	75.6	39.9	15.6	4.5	68.6	6448
MAR		100.0	100.0	99.8	97.0	86.5	68.2	44.5	23.2	6.9	68.1	7009
APR		100.0	98.3	91.3	76.6	65.3	50.1	32.3	19.0	6.5	59.7	6904
MAY		100.0	97.6	87.3	73.6	59.9	46.7	34.4	22.6	11.0	50.8	7176
JUN		100.0	99.9	96.3	86.1	73.6	59.5	46.9	29.5	13.7	66.0	6086
JUL		100.0	100.0	99.2	93.1	79.9	66.9	53.9	35.9	15.9	71.1	7001
AUG		100.0	100.0	99.4	95.9	86.2	74.2	61.7	43.2	22.3	74.0	7147
SEP		100.0	100.0	98.5	93.5	84.3	73.9	61.2	42.8	21.6	73.3	6971
OCT		100.0	100.0	98.2	92.2	81.1	66.9	49.1	31.1	13.0	68.8	7113
NOV		100.0	100.0	99.7	97.8	93.1	83.6	62.4	36.8	14.9	74.2	7000
DEC		100.0	100.0	100.0	100.0	99.6	92.1	65.6	33.4	12.8	75.8	7202
TOTALS		100.0	99.7	97.4	92.3	83.5	69.8	49.7	29.5	17.6	69.0	84124

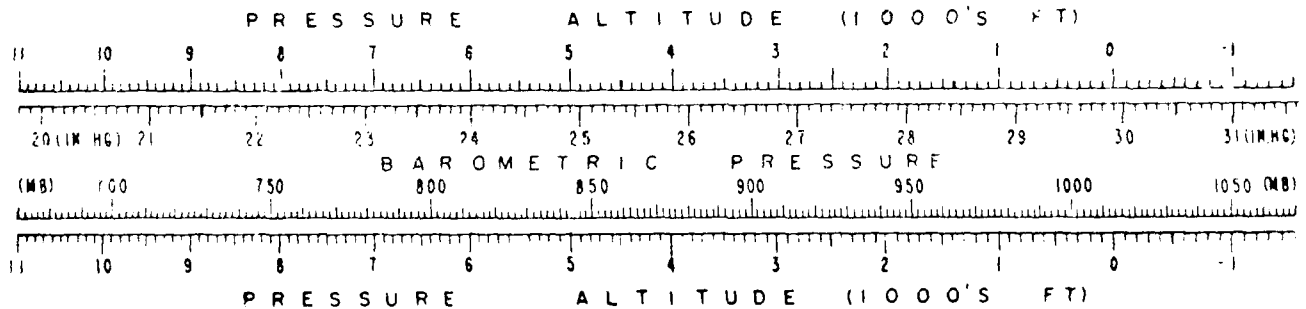
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
 Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
 METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

W 127 COLD LAKE APT ON

73-82

	ANNUAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	28.10728	28.10027	28.09628	28.04528	28.01227	28.06528	28.02328	28.04428	28.06428	28.00528	28.03428	28.015	28.034	28.034
STDEV	.285	.279	.248	.210	.195	.181	.163	.179	.192	.220	.285	.295	.295	.234
TOTAL OBS	294	265	296	284	303	280	299	297	298	297	293	296	296	3574
MEAN	28.11228	28.10628	28.00128	28.05628	28.02727	28.07828	28.03528	28.05928	28.07428	28.01928	28.04028	28.023	28.044	28.044
STDEV	.291	.276	.252	.217	.201	.184	.173	.182	.197	.219	.287	.291	.291	.238
TOTAL OBS	306	280	305	298	306	286	300	306	297	306	297	307	307	3601
MEAN	28.10228	28.10328	28.00728	28.05828	28.02727	28.07928	28.03428	28.05328	28.07428	28.02228	28.03928	28.014	28.042	28.042
STDEV	.284	.279	.249	.213	.202	.185	.173	.187	.198	.217	.281	.291	.291	.236
TOTAL OBS	297	264	294	282	293	273	287	296	282	295	288	301	301	3457
MEAN	28.13128	28.11828	28.01328	28.05028	28.02527	28.07628	28.03828	28.05628	28.07628	28.02228	28.05228	28.035	28.050	28.050
STDEV	.292	.281	.251	.216	.202	.182	.170	.186	.194	.224	.293	.297	.297	.240
TOTAL OBS	303	279	305	275	304	287	301	306	295	306	292	303	303	3577
MEAN	28.09528	28.08827	28.09828	28.03828	28.00027	28.06028	28.01828	28.03528	28.05627	28.09728	28.02428	28.013	28.026	28.026
STDEV	.284	.277	.242	.208	.195	.173	.159	.175	.188	.219	.284	.284	.284	.232
TOTAL OBS	301	270	295	291	296	274	286	297	293	322	291	293	293	3489
MEAN	28.10928	28.09327	28.08828	28.07827	28.09527	28.04928	28.01828	28.03128	28.05728	28.00428	28.04228	28.026	28.029	28.029
STDEV	.289	.276	.239	.206	.190	.173	.157	.178	.181	.220	.280	.289	.289	.232
TOTAL OBS	309	278	309	297	306	283	299	308	297	307	297	306	306	3596
MEAN	28.09628	28.08827	28.09028	28.03627	28.08827	28.04828	28.01328	28.03428	28.05528	28.00128	28.03928	28.022	28.026	28.026
STDEV	.283	.273	.233	.203	.181	.170	.153	.167	.182	.219	.278	.284	.284	.227
TOTAL OBS	294	268	292	285	296	277	285	295	289	322	291	294	294	3475
MEAN	28.10628	28.10228	28.00328	28.05428	28.01227	28.06828	28.03428	28.04928	28.07328	28.00928	28.04328	28.035	28.041	28.041
STDEV	.289	.282	.246	.210	.191	.178	.161	.176	.188	.224	.285	.289	.289	.234
TOTAL OBS	309	279	308	299	306	287	298	302	298	310	298	308	308	3674
MEAN	28.10728	28.10027	28.09928	28.04828	28.01127	28.06528	28.02728	28.04528	28.06628	28.01028	28.03928	28.023	28.037	28.037
STDEV	.287	.278	.245	.210	.195	.178	.164	.179	.190	.220	.284	.289	.289	.234
TOTAL OBS	2413	2183	2407	2331	2412	2254	2355	2427	2350	2427	2347	2420	2420	29376

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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HRS FROM HOURLY OBSERVATIONS

7 12 C COLD LAKE APT CN

73-82

STATION NAME	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN. A.
COLD LAKE APT CN	MEAN	1020.71	1020.11	1015.31	1015.81	1013.71	1011.61	1013.41	1014.31	1015.61	1014.21	1016.51	1017.1	1015.7
	STD	11.177	11.318	9.501	8.054	7.328	6.638	6.015	6.684	7.283	8.314	10.955	11.306	9.221
	TOTAL OBS	256	267	299	284	303	280	299	296	298	299	295	301	3517
COLD LAKE APT CN	MEAN	1020.91	1020.11	1015.31	1016.01	1014.11	1011.91	1013.61	1014.71	1015.71	1014.41	1016.51	1017.1	1015.8
	STD	11.168	10.789	9.475	8.168	7.463	6.653	6.290	6.658	7.330	8.145	10.879	11.365	9.213
	TOTAL OBS	307	281	310	296	306	288	300	306	297	308	297	307	3605
COLD LAKE APT CN	MEAN	1021.01	1020.41	1015.91	1016.31	1014.31	1012.01	1013.81	1014.91	1016.21	1015.01	1017.11	1017.2	1016.2
	STD	11.049	11.033	9.590	8.082	7.544	6.788	6.320	6.902	7.456	8.166	10.746	11.487	9.258
	TOTAL OBS	299	253	298	282	294	276	289	296	282	296	288	301	3466
COLD LAKE APT CN	MEAN	1021.71	1020.51	1016.61	1016.01	1013.91	1011.71	1013.61	1014.61	1015.81	1014.51	1017.01	1017.6	1016.0
	STD	11.211	10.915	9.465	8.081	7.441	6.526	6.153	6.820	7.220	8.272	11.033	11.584	9.325
	TOTAL OBS	303	280	306	295	304	287	301	306	296	306	293	303	3532
COLD LAKE APT CN	MEAN	1020.61	1019.71	1015.01	1015.51	1013.31	1011.41	1013.31	1014.01	1015.31	1013.81	1016.21	1017.0	1015.4
	STD	11.132	10.911	9.269	7.902	7.248	6.358	5.874	6.538	7.055	8.211	10.858	11.186	9.113
	TOTAL OBS	303	271	297	292	296	276	285	298	295	303	292	294	3522
COLD LAKE APT CN	MEAN	1020.61	1019.51	1014.81	1015.31	1012.91	1010.81	1013.01	1013.71	1015.11	1013.91	1016.71	1017.3	1015.3
	STD	11.058	10.722	8.999	7.738	7.033	6.238	5.729	6.465	6.774	8.164	10.586	11.241	9.031
	TOTAL OBS	309	278	309	297	306	283	299	308	297	307	297	306	3596
COLD LAKE APT CN	MEAN	1020.81	1019.91	1015.31	1015.51	1012.81	1010.81	1013.01	1014.11	1015.51	1014.31	1017.01	1017.5	1015.6
	STD	11.096	10.816	8.997	7.708	6.867	6.200	5.664	6.241	6.857	8.185	10.698	11.243	9.049
	TOTAL OBS	298	271	296	285	297	277	286	297	289	300	292	304	3492
COLD LAKE APT CN	MEAN	1020.81	1019.91	1015.31	1015.81	1013.41	1011.41	1013.41	1014.31	1015.71	1014.11	1016.81	1017.6	1015.7
	STD	11.158	10.904	9.266	7.907	7.103	6.439	5.881	6.446	7.053	8.297	10.613	11.259	9.135
	TOTAL OBS	308	280	308	299	308	287	299	302	298	310	298	308	3605
ALL HOURS	MEAN	1020.91	1020.01	1015.31	1015.81	1013.51	1011.41	1013.41	1014.31	1015.61	1014.31	1016.71	1017.3	1015.7
	STD	11.116	10.875	9.315	7.951	7.264	6.487	5.994	6.597	7.126	8.216	10.808	11.321	9.173
	TOTAL OBS	2425	2191	2423	2332	2414	2256	2358	2409	2352	2429	2352	2424	28365

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