

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

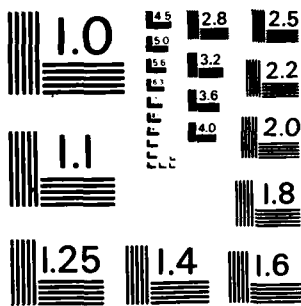
1/5

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NL

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 rows.



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

PHOTOGRAPH THIS SHEET

AD-E850371

ADA 128121

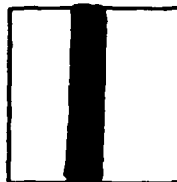
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USAF ETAC/DS-83/007

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MAY '83

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ADA 128121

DS # 83/007

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

AND TECH. STATION
12 21K
SCOTT AFB, IL 62200

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

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

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

TIME CONVERSION GMT TO LST: -7

131 MAR 1983

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**
 SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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	
7. AUTHOR(s)	8. CONTRACT OR GRANT NUMBER(s)	
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB, IL 62225	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS	
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB, IL 62225	12. REPORT DATE MAR 83	
	13. NUMBER OF PAGES	
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16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
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		

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

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 200 371

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

MISSING HOUR GROUPS

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

APRIL	APRIL	JULY	JULY
MAY	MAY	AUGUST	AUGUST
SEPTEMBER	SEPTEMBER	SEPTEMBER	SEPTEMBER

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		4.6	896
	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

ORIGINAL DATA RECORDED IN SYNOPTIC CODE



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
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7.12.00
STATION

COLD LAKE APT CN
STATION NAME

73-82

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02		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



2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

WEATHER CONDITIONS

7:12:00
STATIONCOLD LAKE APT CN
STATION NAME73-82
YEARSJUN
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

711200 STATION COLD LAKE APT CN STATION NAME 73-62 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

ORIGINAL DATA RECORDED IN SYNOPTIC CODE



2

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 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
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			29.0	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		24.0	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
 WASHINGTON, D.C. 20330
 FORM 1216, 1-64

SURFACE WINDS

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

STATION: LAKE CHARLES, LA YEARS: 1964-1965
 STATION NAME: LAKE CHARLES, LA NORTH: 29° 15' N
 CLASS: ALL WEATHER HOURS (LST): 24
 CONDITION: ALL WEATHER

SPEED KNTS. DIR.	1-3	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	1.2	0.7								0.3	0.1
NNE	0.0	0.0	0.0	0.2								0.1	0.0
NE	0.0	0.0	1.0	0.7								0.3	0.1
ENE	0.0	0.0	0.0	0.0								0.0	0.0
E	0.0	0.0	0.0	0.2								0.1	0.0
ESE	0.0	0.0	0.0	0.2								0.1	0.0
SE	0.0	1.0	0.0	0.2								0.3	0.1
SSE	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
SSW	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
WSW	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
WNW	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
NNW	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
CALM	0.0	0.0	0.0	0.0								0.0	0.0

TOTAL NUMBER OF OBSERVATIONS: 1000

USAFETA FORM 1216 (1-64) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

100-107 (REV. 10-7-41)
 FORM 107-1 (REV. 10-7-41)

SURFACE WINDS

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

STATION 100-107 STATION NAME 100-107 YEARS 1953-54 MONTH 12
 CLASS ALL HOURS (L & T) 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		1.2	1.2	.2									
NNE		1.2	1.5	.4									7.2
NE		1.2	.2	.3									
ENE		1.1	2.2	1.1									
E		1.1	2.2	2.2	.3	.1							
ESE	1.3	2.2	1.1	.1									7.2
SE	1.1	2.7											
SSE	1.7	1.2	.2										
S	1.7	1.1	.6										
SSW	1.2	1.1	.1										7.2
SW	1.2	1.1	.4										
WSW	1.2	1.1	.3	.7									
W	1.2	1.1	.2	.2									
WNW	1.2	2.2	1.2	.2	.2	.2							7.2
NW	1.2	1.2	1.4	.2									
NNW	1.7	1.1	1.1	.6									
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 116

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

SURFACE WINDS

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

STATION S. C. LAKE, APT. 07 STATION NAME 73-84 YEARS 1973 MONTH 12

ALL WEATHER 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		1	2	1								0.4	1.7
NNE		1	1	1								0.3	1.7
NE		1	1	1								0.3	1.7
ENE		1	1	1								0.3	1.7
E		1	1	1								0.3	1.7
ESE		1	1	1								0.3	1.7
SE		1	1	1								0.3	1.7
SSE		1	1	1								0.3	1.7
S		1	1	1								0.3	1.7
SSW		1	1	1								0.3	1.7
SW		1	1	1								0.3	1.7
WSW		1	1	1								0.3	1.7
W		1	1	1								0.3	1.7
WNW		1	1	1								0.3	1.7
NW		1	1	1								0.3	1.7
NNW		1	1	1								0.3	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: ALL MONTHS

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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBI													
CALM													
TOTAL	27	35	1	1	7								

TOTAL NUMBER OF OBSERVATIONS 3

WIND CLIMATE DIVISION
 WASHINGTON, D.C.
 AIR FORCE SERVICE CENTER

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 MONTHS

CLASS ALL MONTHS HOURS (LST) 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	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	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

TOTAL NUMBER OF OBSERVATIONS 82

REPORT MADE AT _____
 TITLE _____
 DATE OF OBSERVATION _____

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CALL SIGN _____ 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	1.1	.9	.1								.4	
NE	1.2	1.2	1.2									1.2	
ENE	.2	3.4	1.4	.3								1.4	
E	.5	5.0	3.5	.7								3.5	
ESE	.5	2.7	1.2	.1								1.2	
SE	.2	.7	.1	.7								.7	
SSE	.7		.1	.1								.7	
S	1.1	1.5	.7									1.5	
SSW	.5	1.2	.7									.7	
SW	.3	.3	1.8	.2								1.8	
WSW	1.7	4.5	4.7	.7								4.5	
W	1.4	3.2	4.4	1.5	.4							3.2	
WNW	1.3	1.1	1.2	1.5	.2	.2						1.5	
NW	.6	1.5	1.1	1.5	.6	.1						1.5	
NNW	.7	.2	.9	.5								.9	
VARBL													
CALM												.7	
	19.5	34.1	26.0	11.2	1.2	.3						100.0	

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 APT C 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

CONDIT 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	.5	.0							3.5	
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							66.8	

TOTAL NUMBER OF OBSERVATIONS

WIND CLIMATOLOGY BRANCH
 WPT-40
 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	.	.	.	.	.	.	.	.4	1.0
ENE	.	.4	1.0	.1	.	.	.	.	.	.	.	.5	1.0
E	.7	1.4	1.0	.4	.	.	.	.	.	.	.	.5	1.0
ESE	.7	1.0	1.0	.7	.	.	.	.	.	.	.	.5	1.0
SE	.7	.4	1.0	.1	.	.	.	.	.	.	.	.5	1.0
SSE	1.0	.	.2	.1	.	.	.	.	.	.	.	.4	1.0
S	1.0	1.4	.5	.1	.	.	.	.	.	.	.	.2	1.0
SSW	.7	1.0	.4	.	.	.	.	.	.	.	.	.2	1.0
SW	.7	.1	1.1	.2	.	.	.	.	.	.	.	.1	1.0
WSW	.7	.5	1.0	.6	.	.	.	.	.	.	.	.1	1.0
W	.1	.5	1.0	.1	.	.	.	.	.	.	.	.1	1.0
WNW	.4	1.0	1.0	1.1	.3	.	.	.	.	.	.	.5	1.0
NW	.5	.5	1.0	1.0	.7	.	.	.	.	.	.	.5	1.0
NNW	.7	.	1.0	.7	.1	.	.	.	.	.	.	.5	1.0
VARBL	.	.	.	.	.	.	.	.	.	.	.	.	1.0
CAIM	.	.	.	.	.	.	.	.	.	.	.	.	1.0

TOTAL NUMBER OF OBSERVATIONS 14

STATION NO. 1000000000
 DATE 10/1/54

SURFACE WINDS

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

STATION WILD LAKES APT. CO. STATION NAME ALL WEATHER YEARS 1-54 MONTH
 CLIM HOURS (L.S.T.)
 CONDITION

SPEED KNTS: DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.1	.5	.7								.5	1.0
NNE	.1	1.2	1.5	.6								.5	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	4.0	1.1								1.0	1.0
ESE	1.2	2.1	2.4	.5								.8	1.0
SE	.7	1.1	.3	.1								.8	1.0
SSE	1.2	1.5										.8	1.0
S	.7	.5	.4									.7	1.0
SSW	1.1	1.2										.8	1.0
SW	1.5	1.5	.5									.7	1.0
WSW	1.1	4.3	2.4	.5								1.0	1.0
W	.2	2.7	2.7	1.6	.1							1.0	1.0
WNW	.7	1.0	1.5	.5	.1	.4						.4	1.0
NW	.0	1.7	.2	.4	.1	.1						.1	1.0
NNW	.1	.0	.0	.1								.1	1.0
VARBL													1.0
CALM												1.0	1.0
TOTAL	.7	24.5	22.5	.6	.5	.7						1.0	1.0

TOTAL NUMBER OF OBSERVATIONS

ALBUQUERQUE AIRCRAFT
 DATA SERVICE AC

SURFACE WINDS

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

STATION: ALBUQUERQUE AIRCRAFT YEARS: 1950 MONTH: 12
 STATION NAME: ALBUQUERQUE AIRCRAFT CLASS: ALL HOUR (LST): 0000
 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	1	1	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
NE	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
E	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
SE	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
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
CALM	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: 1951

STATION: 1100 STATION NAME: ALLIANT CLASS: ALLIANT YEARS: 1951-52 MONTH: 1951

CONDITION: ALLIANT

SPEED KNTS: DIR	1-3	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	1	1	1	1	0	0	0	0	0	0	0	0	0
NE	1	2	1	0	0	0	0	0	0	0	0	0	0
ENE	1	3	1	0	0	0	0	0	0	0	0	0	0
E	1	2	4	1	0	0	0	0	0	0	0	0	0
ESE	1	2	1	0	0	0	0	0	0	0	0	0	0
SE	0	1	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	1	0	0	0	0	0	0	0	0	0	0	0
SW	1	1	0	0	0	0	0	0	0	0	0	0	0
WSW	0	1	0	0	0	0	0	0	0	0	0	0	0
W	0	2	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
	27	23	7	2	3	1	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS: 717

NO. 107 PAT. 2,007,113 NOV. 1932
 U.S. GOVERNMENT PRINTING OFFICE
 WASHINGTON, D. C. 20540

SURFACE WINDS

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

STATION LAKE CHARLES, LA. STATION NAME LAKE CHARLES YEARS 1955 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
 WASHINGTON, D. C. 20540

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

SURFACE WINDS

STATION NAME LAKE CHARLES STATE LA COUNTY IBB 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 ABILE YEAR: 1954 MONTH: NOV

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

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		1	1	1									
SE			1	1									
SSE				1									
S				1									
SSW				1									
SW	1	1	1	1									
WSW		1	1	1									
W		1	1	1	1								
WNW		1	1	1									
NW		1	1	1									
NNW		1	1	1									
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS: _____

U.S. DEPARTMENT OF COMMERCE
 NATIONAL SEA AND COAST GUARD
 WASHINGTON, D.C.

SURFACE WINDS

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

STATION ALBUQUERQUE, N.M. STATION NAME ALBUQUERQUE YEARS 17-51 MONTH ALL

CLASS ALL WEATHER HOUR 0-24

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	1.0	1.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NNE	0.1	1.0	1.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NE	0.1	1.0	1.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
ENE	0.1	1.0	1.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
E	0.1	1.0	1.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
ESE	0.1	1.0	1.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SE	0.1	1.0	1.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SSE	0.1	1.0	1.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
S	0.1	1.0	1.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SSW	0.1	1.0	1.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SW	0.1	1.0	1.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
WSW	0.1	1.0	1.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
W	0.1	1.0	1.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
WNW	0.1	1.0	1.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NW	0.1	1.0	1.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NNW	0.1	1.0	1.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
VARBL	0.1	1.0	1.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
CALM	0.1	1.0	1.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TOTAL NUMBER OF OBSERVATIONS	100	100	100	100	100	100	100	100	100	100	100	100	100

U.S. DEPARTMENT OF COMMERCE
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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 _____
 CLASS _____ 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	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 _____

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NATIONAL METEOROLOGICAL SERVICE
 WASHINGTON, D.C.

SURFACE WINDS

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

STATION: WOOD LAKE, LAKE CHARLES STATION NAME: WOOD LAKE, LAKE CHARLES YEARS: 75-80 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	1.0	1.0	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	1.0	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	1.0	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	1.0	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	1.0	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	1.0	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	1.0	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	1.0	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	1.0	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	1.0	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	1.0	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	1.0	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	1.0	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	1.0	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	1.0	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	1.0	1.0	1.0	1.0	1.0	1.0	1.0
VARBL	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
CALM	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS _____

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

SURFACE WINDS

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

STATION LAKE CHARLES, LA STATION NAME LAKE CHARLES YEAR 1963 MONTH ALL

CLASS ALL WEATHER HOURS 157

CONDITION _____

SPEED KNTS. DIR.	1 - 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								.3	2.1
NNE	.3	1.1	1.4	.5								.4	2.1
NE	.1	2.1	2.1	.1								.4	2.1
ENE	.1	.3	.1	.4								.3	2.1
E	.1	4.1	4.1	1.2								.4	2.1
ESE	.4	1.1	.2	.5								.4	2.1
SE	.1	1.1	.5	.3	.1							.4	2.1
SSE	.6	1.2	.7									.4	2.1
S	.2	1.2	.5	.1								.4	2.1
SSW	.4		.7									.4	2.1
SW	.7	.1	.4	.1								.4	2.1
WSW	.3	2.1	1.2	.2								.4	2.1
W	.1	2.1	1.7	.3								.4	2.1
WNW	.1	2.1	.1									.4	2.1
NW	.5	1.2	.2	.1								.4	2.1
NNW	.3	.2	1.1	.3								.4	2.1
VARBL													
CALM													
TOTAL	2.4	26.3	30.7	6.2	.1							100	2.1

TOTAL NUMBER OF OBSERVATIONS

U.S. DEPARTMENT OF COMMERCE
 NATIONAL METEOROLOGICAL SERVICE
 OFFICE OF NAUTICAL METEOROLOGY

SURFACE WINDS

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

STATION U.S. LARK APT. CV YEAR 1961

STATION NAME U.S. LARK APT. CV CLASS ALL WEATHER MONTH

CONDITION HOURS (L.S.T.)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	0.6	0.1	0.1								1.8	1.0
NNE	0.1	1.0	1.1	0.6								2.8	1.2
NE	0.1	1.0	0.7	0.7								2.5	1.2
ENE	0.1	1.7	0.2	0.4								2.4	1.2
E	0.1	0.7	0.2	0.3	0.1							1.4	1.2
ESE	0.1	0.7	0.2	0.2								1.2	1.2
SE	0.1	0.2	0.2	0.3								0.8	1.2
SSE	0.1	1.0										1.1	1.2
S	0.1	0.1	1.0	0.1								1.3	1.2
SSW	0.2	0.2	0.7									0.9	1.2
SW	0.7	0.4	0.2	0.1								0.4	1.2
WSW	0.7	0.5	0.5	0.1								0.8	1.2
W	0.7	0.7	1.0	0.2								1.6	1.2
WNW	0.2	1.0	1.0									1.8	1.2
NW	0.1	1.0	0.6	0.1								1.8	1.2
NNW	0.1	1.0	0.2	0.7								1.8	1.2
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.)

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		1.2	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		1.0	.4	.1									
S	1.0	1.0	2.3	2.1									
SSW	1.2	1.1	.6	.2									
SW	1.1	1.0	2.1	.3									
WSW	1.1	2.1	3.5	.8									
W	1.0	1.1	2.4	.8									
WNW	.2	1.0	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 C YEARS: 7 - 0 MONTH: HOUR:

STATION NAME: LE LAKE APT C CLASS: ALL - A1 C YEARS: 7 - 0 MONTH: 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	.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	.0	.3	.3	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.7	1.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
S	1.1	3.1	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	1.0	1.7	.0	.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	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.7	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
VARBL													
CALM													
	1.7	24.4	37.7	11.3	1.5	.3	.0	.0	.0	.0	.0	.0	.0

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 (LST): 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			2.1	.2									
E		2.1	4.6	.3	.2								
ESE			.5	1.1									
SE			.7	.1	.1								
SSE			.6	.1	.1								
S		3.1	4.6	1.1									
SSW		3.1	1.1	1.1									
SW		3.1	.7	1.2									
WSW		4.1	5.2	1.1	.1								
W			2.1	1.7	.3								
WNW				1.3	.1								
NW			1.3	1.2	.6								
NNW			1.1	.5	.2								
VARBL													
CALM													
	7.2	14.7	20.6	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: 1961
 MONTH: 12
 CLASS: ALL WEATHER
 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	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 _____

WIND DIR	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 _____

WIND 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, TEXAS 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: _____
 REPRODUCTION OF THIS FORM ARE PROHIBITED

SURFACE WINDS

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

STATION NAME: _____ YEAR: _____ MONTH: _____
 CLASS: _____ HOURS LL ST: _____
 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	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: _____ 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: WILSON AIRC
 STATION NUMBER: 300730

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

SURFACE WINDS

STATION NAME: WILSON AIRC STATION NUMBER: 300730 YEARS: 1-3 MONTH: _____
 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			2.4	0.7	0.0								
NNE			1.4	0.7	0.0								
NE		1.4	2.4	1.3									
ENE		1.4	0.7	0.0									
E		2.4	2.4	0.0	0.0								
ESE		1.4	2.4	1.7	0.0								
SE		1.4	2.4	0.0	0.0								
SSE			1.4	0.7	0.0								
S		1.4	2.4	0.0	1.4	0.0							
SSW		1.4	2.4	0.0	0.0								
SW		1.4	4.4	1.9	0.0								
WSW		1.4	2.4	0.0	0.0	0.0							
W		1.4	2.4	0.0	0.0	0.0							
WNW			1.4	1.4	0.0								
NW			1.4	1.4	0.0	0.0							
NNW		1.4	1.4	0.0	0.0								
VARBL													
CALM													
	5	14	16	27	15	12	1	1					

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 YEAR 1960 MONTH 12
 STATION NAME W. LAKE APT. 01 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	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	0.0	2.0	1.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	1.0	4.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	1.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	2.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	1.0	0.0	1.4	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	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	1.0	4.2	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	3.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	1.0	3.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	2.0	4.5	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	2.7	0.0	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	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	1.0	1.0	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. 10-100-10-10-10
 10-10-10-10-10
 10-10-10-10-10

SURFACE WINDS

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

STATION 10-10-10-10-10 STATION NAME 10-10-10-10-10 YEARS 10-10 MONTH 10-10
 CLASS ALL WEATHER HOURS (L S T) 10-10-10
 CONDITION 10-10-10-10-10

SPEED KNTS DIR	1 - 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	1.0	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. 1011-10001-10-31 CH
 10-1-52
 WATHER SERVICE WAC

SURFACE WINDS

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

STATION NO. 5111 STATION NAME LAKE ARTHUR YEAR 1952 MONTH 10

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 1011-10001-10-31 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: 11-1 YEARS: 1951-1952 MONTH: 1951

CLASS: ALL WEATHER HOURS (L S Y): 1951

CONDITION: _____

SPEED KNTS DIR	1-3	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

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(S) (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								0.2	0.2
NNE		2.0	1.0	0.4								0.2	0.2
NE	4.4	2.0	2.5	1.3	0.7	0.1						0.2	0.2
ENE	1.1	0.0	1.3	0.4								0.2	0.2
E	1.7	0.0	2.2	1.1	0.1							0.2	0.2
ESE	1.2	1.3	4.0	1.2								0.2	0.2
SE	1.2	2.0	3.2	0.9								0.2	0.2
SSE	0.1	1.7	0.6	0.4								0.2	0.2
S	1.0	1.7	1.0	0.2								0.2	0.2
SSW	0.0	0.0	0.0	0.0								0.2	0.2
SW	0.0	0.0	0.0	0.0								0.2	0.2
WSW	0.0	1.0	1.0	0.4								0.2	0.2
W	0.0	1.6	2.4	0.6								0.2	0.2
WNW	0.0	1.0	1.1	0.8	0.7							0.2	0.2
NW	0.0	0.0	0.4	0.7	0.1							0.2	0.2
NNW	0.0	0.1	0.0	0.7	0.1							0.2	0.2
VARBL												0.2	0.2
CALM												0.2	0.2
TOTAL	7.1	5.2	12.7	9.0	7.0	0.2						0.2	0.2

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		1.1	2.2	.5									
SE		1.2	1.8	.4	.1								
SSE	.7	1.7	.6	.2									
S		1.0	.1										
SSW		1.1	.1										
SW		1.0	.1										
WSW	.8	1.6	1.1	.2									
W		2.0	2.2	.2									
WNW	.4	1.1	1.4	.2	.2								
NW		1.0	.4	.2	.1								
NNW		.7	.6	.2	.1								
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 7

U.S. METEOROLOGICAL BUREAU
 WASHINGTON, D. C. 20541
 FORM 517 (REV. 10-67)

SURFACE WINDS

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

STATION: CHICK LAKE AIR STN 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	2.0	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												0.2	1.0
CALM												0.2	1.0

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 WATER 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

CLASS: ALLIANCE

CONDITION: _____

SPEED KNTS DIR	1-3	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	1	0	0	0	0	0	0	0	0	0	0	0
E	0	1	0	0	0	0	0	0	0	0	0	0	0
ESE	0	1	0	0	0	0	0	0	0	0	0	0	0
SE	0	1	0	0	0	0	0	0	0	0	0	0	0
SSE	0	1	0	0	0	0	0	0	0	0	0	0	0
S	0	1	1	2	1	0	0	0	0	0	0	0	0
SSW	0	1	0	0	0	0	0	0	0	0	0	0	0
SW	0	1	0	0	0	0	0	0	0	0	0	0	0
WSW	0	1	0	0	0	0	0	0	0	0	0	0	0
W	0	1	0	0	0	0	0	0	0	0	0	0	0
WNW	0	1	0	0	0	0	0	0	0	0	0	0	0
NW	0	1	0	0	0	0	0	0	0	0	0	0	0
NNW	0	1	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	2	7	7	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS

UNLESS OTHERWISE SPECIFIED, ALL SPEEDS ARE IN KNOTS. 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 & 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

APPROXIMATE WIND DIRECTION INDICATED BY SMALL TRIANGLES

SURFACE WINDS

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

STATION 1000000 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	•	•	•	•	•	•	•	•	•	•	•	•	•
NNE	•	•	•	•	•	•	•	•	•	•	•	•	•
N E	•	•	•	•	•	•	•	•	•	•	•	•	•
ENE	•	•	•	•	•	•	•	•	•	•	•	•	•
E	•	•	•	•	•	•	•	•	•	•	•	•	•
ESE	•	•	•	•	•	•	•	•	•	•	•	•	•
SE	•	•	•	•	•	•	•	•	•	•	•	•	•
SSE	•	•	•	•	•	•	•	•	•	•	•	•	•
S	•	•	•	•	•	•	•	•	•	•	•	•	•
SSW	•	•	•	•	•	•	•	•	•	•	•	•	•
SW	•	•	•	•	•	•	•	•	•	•	•	•	•
WSW	•	•	•	•	•	•	•	•	•	•	•	•	•
W	•	•	•	•	•	•	•	•	•	•	•	•	•
WNW	•	•	•	•	•	•	•	•	•	•	•	•	•
NW	•	•	•	•	•	•	•	•	•	•	•	•	•
NNW	•	•	•	•	•	•	•	•	•	•	•	•	•
VARBL	•	•	•	•	•	•	•	•	•	•	•	•	•
CALM	•	•	•	•	•	•	•	•	•	•	•	•	•

TOTAL NUMBER OF OBSERVATIONS 10000

SURFACE WINDS

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

STATION 1000000 STATION NAME 1000000 YEARS 19-20 MONTH
 CLASS 1000000 HOUR(S) (LST)
 CONDITION

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

TOTAL NUMBER OF OBSERVATIONS 35

T

U.S. DEPARTMENT OF COMMERCE
 NATIONAL MARINE FISHERIES SERVICE
 FAIR HARBOR, MAINE

SURFACE WINDS

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

STATION: U.S. LAKE EPT 57 STATION NAME: U.S. LAKE EPT 57 YEARS: 1955 NORTH

CLASS: ALL WEATHER HOURS: 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	1.0	1.3	0.6	0	0	0	0	0	0	0	0	0.9
NNE	0	0	0.1	0.5	0.1	0	0	0	0	0	0	0.7	0.8
NE	0	0	0.7	0	0	0.1	0	0	0	0	0	0.8	0.8
ENE	0	0.6	0.7	0.6	0	0	0	0	0	0	0	0.8	0.8
E	0.7	0.7	0.6	0.6	0	0	0	0	0	0	0	0.8	0.8
ESE	0.1	0.6	0.4	0.1	0.1	0	0	0	0	0	0	0.8	0.8
SE	0.1	0.6	0.7	0.7	0.1	0	0	0	0	0	0	0.8	0.8
SSE	0	0.6	0.4	0	0	0	0	0	0	0	0	0.8	0.8
S	0	0.6	0.5	0.2	0.4	0	0	0	0	0	0	0.8	0.8
SSW	0	0	0	0	0.2	0	0	0	0	0	0	0.8	0.8
SW	0	0	0.6	0.3	0.2	0	0	0	0	0	0	0.8	0.8
WSW	0	0	0.6	0.7	0	0	0	0	0	0	0	0.8	0.8
W	0	0.1	0.1	0	0.6	0	0	0	0	0	0	0.8	0.8
WNW	0	0.6	0.6	0.6	0.2	0	0	0	0	0	0	0.8	0.8
NW	0	0.7	0.3	0.1	0	0	0	0	0	0	0	0.8	0.8
NNW	0	0.6	0	0.6	0.1	0	0	0	0	0	0	0.8	0.8
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 MARINE FISHERIES SERVICE. PREDICTIONS OF THIS FORM ARE OBSOLETE.

STATION NO. 1001
 STATION NAME
 CLASS

SURFACE WINDS

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

STATION NO. 1001 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 73-81 YEARS 1973-81 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	≥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	0.0	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	0.0	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	0.0	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	0.0	2.0	2.0	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	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
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													
	2.0	2.0	1.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS 100

STATION NO. 73-8
 LOCATION: ...

SURFACE WINDS

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

STATION: 73-8 STATION NAME: ALL WEATHER YEARS: 73-8 MONTH: _____
 CLASS: _____ 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	.1	.7	.6	.1								
WSW	.2	.4	.1	.4									
W	.1	.1	.4	.3	.4								
WNW	.1	.2	.4	.3									
NW	.3	.1	.5	.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 INVESTIGATION
 NATIONAL CLIMATOLOGY BRANCH
 METEOROLOGICAL SERVICE DIVISION

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

SURFACE WINDS

STATION CLEL LAKE APT CO YEARS 1938-1939 MONTHS 1-12
 STATION NAME CLEL LAKE APT CO CLASS ALL WEATHER 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	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								0.2	0.0
SSE	0	0.7	1.4	1.4								0.2	0.0
S	0.1	1.0	2.1	1.2	0.1							0.2	1.0
SSW	0	1.0	1.4	1.0								0.2	0.0
SW	0	1.0	2.1	1.2	0.2							0.2	0.0
WSW	0	1.0	1.1	1.2	0.2							0.2	0.0
W	0.2	2.1	2.2	1.6	0.2							0.2	0.0
WNW	0	1.0	1.1	1.1	0.4							0.2	0.0
NW	0	1.0	1.4	1.7	0.2							0.2	0.0
NNW	0	1.0	0.7	1.3								0.2	0.0
VARBL													
CALM													

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 ROUTE

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	2.1	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	1.0	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 NO. 1000000000
 STATION NAME

SURFACE WINDS

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

STATION NO. 1000000000 STATION NAME YEARS 77-8

ALL STATIONS
 CLASS

CONDITION

HOURS 1000

SPEED KNTS DIR	1 - 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								1.1	
NNE		1.1	1.1	.7								.7	
NE		2.2	2.2	.6								1.1	
ENE		2.2	2.2	.6								1.1	
E	1.1	2.2	2.2	.7								1.1	
ESE		2.2	2.2	.3								1.1	
SE		2.2	2.2	.6								1.1	
SSE		2.2	2.2	.1								1.1	
S		1.1	1.2	.4								1.1	
SSW		1.7	.2	.2								1.1	
SW		1.1	.6	.6								1.1	
WSW		2.2	2.2	1.1	.4							1.1	
W	2.2	2.2	2.2	.6	.4							1.1	
WNW		2.2	2.2	.2	.2							1.1	
NW		1.1	1.7	.1	.1							1.1	
NNW		2.2	1.7	.2	.1							1.1	
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

10-1047-100-1-1
 STATION: SPOKANE AFB

SURFACE WINDS

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

STATION: SPOKANE AFB YEAR: 1951

CLASS: ALL WEATHER

CONDITION: _____

MONTH: _____

HOURS (L.S.T.): _____

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							7.9	1.0
NNE	1.0	1.0	1.0	1.0	1.0							7.9	1.0
NE	1.0	1.0	1.0	1.0	1.0							7.9	1.0
ENE	1.0	1.0	1.0	1.0	1.0							7.9	1.0
E	1.0	1.0	1.0	1.0	1.0							7.9	1.0
ESE	1.0	1.0	1.0	1.0	1.0							7.9	1.0
SE	1.0	1.0	1.0	1.0	1.0							7.9	1.0
SSE	1.0	1.0	1.0	1.0	1.0							7.9	1.0
S	1.0	1.0	1.0	1.0	1.0							7.9	1.0
SSW	1.0	1.0	1.0	1.0	1.0							7.9	1.0
SW	1.0	1.0	1.0	1.0	1.0							7.9	1.0
WSW	1.0	1.0	1.0	1.0	1.0							7.9	1.0
W	1.0	1.0	1.0	1.0	1.0							7.9	1.0
WNW	1.0	1.0	1.0	1.0	1.0							7.9	1.0
NW	1.0	1.0	1.0	1.0	1.0							7.9	1.0
NNW	1.0	1.0	1.0	1.0	1.0							7.9	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 (C.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 _____

SURFACE WINDS

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

STATION 1000 STATION NAME ALLIANCE YEARS 1951-5 NORTH 10

CLASS CLAS HOURS 12

COND TION _____

SPEED KNTS DIR	1 - 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 AT YEARS 17-0 NORTH 17-0

CLASS ELL AT

CONDITION

SPEED KNTS DIR.	1 - 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: 17-18 MONTH: 1

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	•	•	1.7	•	•	•	•	•	•	•	•	•	•
ENE	•	•	1.7	•	•	•	•	•	•	•	•	•	•
E	•	•	1.7	•	•	•	•	•	•	•	•	•	•
ESE	•	•	1.7	•	•	•	•	•	•	•	•	•	•
SE	•	•	1.7	•	•	•	•	•	•	•	•	•	•
SSE	•	•	1.7	•	•	•	•	•	•	•	•	•	•
S	•	•	1.7	•	•	•	•	•	•	•	•	•	•
SSW	•	•	1.7	•	•	•	•	•	•	•	•	•	•
SW	•	•	1.7	•	•	•	•	•	•	•	•	•	•
WSW	•	•	1.7	•	•	•	•	•	•	•	•	•	•
W	•	•	1.7	•	•	•	•	•	•	•	•	•	•
WNW	•	•	1.7	•	•	•	•	•	•	•	•	•	•
NW	•	•	1.7	•	•	•	•	•	•	•	•	•	•
NNW	•	•	1.7	•	•	•	•	•	•	•	•	•	•
VARBL	•	•	1.7	•	•	•	•	•	•	•	•	•	•
CALM	•	•	1.7	•	•	•	•	•	•	•	•	•	•
TOTAL NUMBER OF OBSERVATIONS	12	22	72	16	39	11							

SURFACE WINDS

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

STATION 7-1 STATION NAME ALL SAINTS YEARS 73-1 NORTH 7

CLASS ALL SAINTS HOURS (L.S.T.) 7

CONDITION _____

SPEED (KNTS): DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.0	1.5	.7									
NNE			1.1	.7									
NE		1.4	1.4										
ENE			1.8	.8									
E		1.7	1.7	.7	.1								
ESE		1.2	.7										
SE		1.7	.7										
SSE		1.7	.8										
S		2.5	2.2										
SSW		2.4	2.9	.2	.1								
WSW		1.0	2.4	.7									
W		2.7	1.1	1.1	2.2	.6							
WNW			2.4	.2	.6	.7							
NW			1.1	.8	.1	.1							
NNW			1.1	.8									
VARBL													
CALM													
	22.4	34.1	12.3	4.1	1.4								

TOTAL NUMBER OF OBSERVATIONS 8

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY DATA CENTER
 WASHINGTON, D.C. 20540

SURFACE WINDS

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

STATION 17 WOLF LAKE APT C STATION NAME 17-8 YEARS 1955 NORTH 17-8

CLASS ALL WEATHER HOURS (LST) 17-8

CONDITION _____

SPEED (KNTS); DIR.	1-3	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	1.0	.5								3.5	1.0
NNE	.0	1.0	1.0	.7	.1							3.8	1.0
NE	.0	1.0	1.0	.8								3.8	1.0
ENE	.0	1.0	1.0	.8	.1							3.8	1.0
E	.0	3.0	3.0	.8								4.7	1.0
ESE	.0	2.0	1.0	.2								3.2	1.0
SE	.0	2.0	.5	.1								3.4	1.0
SSE	.0	1.0	.7	.2								3.0	1.0
S	.0	2.0	2.0	.2								3.0	1.0
SSW	.0	2.0	.7	.1								3.0	1.0
SW	.0	2.0	1.0	.3								3.0	1.0
WSW	1.0	3.0	1.0	.5	.1							3.7	1.0
W	.3	1.0	1.0	1.5	.7	.1						3.7	1.0
WNW	.1	2.0	1.0	.1	.3	.1						3.0	1.0
NW	.1	1.0	1.0	.8	.1							3.0	1.0
NNW	.1	1.0	1.0	.2								3.0	1.0
VARBL													
CALM													
	11.7	36.0	11.2	15.0	1.5	.1							

TOTAL NUMBER OF OBSERVATIONS 17-8

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	0	1	0	0	0	0	0	0	0	0	0	0	0
NNE	0	1	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	7	1	0	0	0	0	0	0	0	0	0	0	0
E	1	3	2	1	0	0	0	0	0	0	0	0	0
ESE	0	2	1	0	0	0	0	0	0	0	0	0	0
SE	0	2	0	0	0	0	0	0	0	0	0	0	0
SSE	0	2	0	0	0	0	0	0	0	0	0	0	0
S	1	0	0	0	0	0	0	0	0	0	0	0	0
SSW	0	1	0	0	0	0	0	0	0	0	0	0	0
SW	0	3	0	0	0	0	0	0	0	0	0	0	0
WSW	1	2	1	0	0	0	0	0	0	0	0	0	0
W	1	2	4	1	0	0	0	0	0	0	0	0	0
WNW	0	2	1	0	0	0	0	0	0	0	0	0	0
NW	0	1	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													
CALM													
	1	3	5	2	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS ...

T

NATIONAL METEOROLOGICAL SERVICE
 FEDERAL BUREAU OF SURVEILLANCE
 WASHINGTON, D. C. 20540

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. S. T.) _____

CONDITION _____

SPEED KNTS/ DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	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	.0	1.0	.7	.4	.	.	.	.	.	.	.	2.8	1.8
S	1.0	1.0	1.4	.5	.1	.	.	.	.	.	.	2.8	1.8
SSW	1.2	1.0	1.1	.4	.	.	.	.	.	.	.	1.8	1.8
SW	1.7	1.1	1.4	.6	.	.	.	.	.	.	.	1.8	1.8
WSW	1.0	1.0	2.6	1.4	.3	.	.	.	.	.	.	1.8	1.8
W	1.0	4.0	2.6	4.5	.9	.4	.	.	.	.	.	1.8	1.8
WNW	.	1.0	2.1	1.5	.4	.1	.	.	.	.	.	1.8	1.8
NW	.	.	1.0	.5	.1	.	.	.	.	.	.	2.7	1.8
NNW	.4	1.1	.0	.3	.	.	.	.	.	.	.	2.7	1.8
VARBL													
CALM													
	25.1	25.0	25.9	13.7	1.9	.7	.	.	.	.	.	2.7	1.8

TOTAL NUMBER OF OBSERVATIONS _____

STATION NAME
 STATION
 CITY

SURFACE WINDS

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

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	.7		.1							.1	
SSW	.4	.4	.4	.1								.1	
SW	.6	2.2	.2									.1	
WSW	.2	2.2	.1	.7								.1	
W	.7	2.2	2.2	.4	.1							.1	
WNW	.2	1.2	.4	.1	.1							.1	
NW	.7	2.3	1.2	.1								.1	
NNW	.2	1.6	.7	.2								.1	
VARBL													
CALM												7.4	
	21.8	31.1	17.1	2.8	.5								

TOTAL NUMBER OF OBSERVATIONS 607

EL DETRAITTELEY BRANCH
 TAC
 APATH SERVICE/AC

SURFACE WINDS

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

STATION EL DETRAITTELEY BRANCH STATION NAME EL DETRAITTELEY BRANCH YEARS 73-81 MONTH

CLASS ALL HOURS

CONDITION

HOURLS (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	0.2	1.0	0.7	0.4								0.3	0.8
NNE	0.1	0.1	0.1	0.1								0.2	0.8
NE	0.1	0.1	0.1	0.1								0.2	0.8
ENE	0.1	0.1	0.1	0.1								0.2	0.8
E	0.1	0.1	0.1	0.1								0.2	0.8
ESE	0.1	0.1	0.1	0.1								0.2	0.8
SE	0.1	0.1	0.1	0.1								0.2	0.8
SSE	0.1	0.1	0.1	0.1								0.2	0.8
S	0.1	0.1	0.1	0.1								0.2	0.8
SSW	0.1	0.1	0.1	0.1								0.2	0.8
SW	0.1	0.1	0.1	0.1								0.2	0.8
WSW	0.1	0.1	0.1	0.1								0.2	0.8
W	0.1	0.1	0.1	0.1								0.2	0.8
WNW	0.1	0.1	0.1	0.1								0.2	0.8
NW	0.1	0.1	0.1	0.1								0.2	0.8
NNW	0.1	0.1	0.1	0.1								0.2	0.8
VARBL													
CALM													
TOTAL	3.5	2.8	4.0	4.1	0.5							14.9	1.8

TOTAL NUMBER OF OBSERVATIONS 149

10-0
 STATION
 STATION NAME
 YEARS
 MONTH
 HOURS (L.S.T.)

SURFACE WINDS

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

STATION: ELLE LAKE, ILL. STATION NAME: ELLE LAKE YEARS: 1951-52 MONTH: ALL
 CLASS: CL. 1 HOURS (L.S.T.): ALL
 CONDITION: CL. 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	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													
TOTAL	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0

TOTAL NUMBER OF OBSERVATIONS

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 WEATHER HOURS 1187

CONDITION

SPEED KNTS DIR	1-3	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	7	24	33	3	2	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 01000 STATION NAME POINT BARRETT C. YEARS 1958 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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	22.7	14.5	5	3									

TOTAL NUMBER OF OBSERVATIONS _____

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

SURFACE WINDS

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

STATION: ... STATION NAME: ... YEAR: ... MONTH: ...

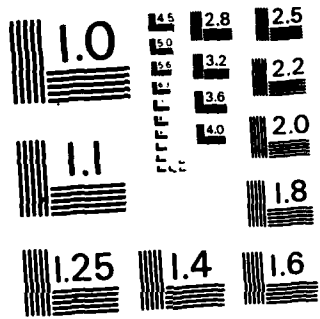
CLASS: ...

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

TOTAL NUMBER OF OBSERVATIONS

OFFICIAL USE ONLY - THESE FORMS ARE FOR THE USE OF THE NATIONAL WEATHER SERVICE AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.



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	1.1
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	1.7
ESE	1.2	4.1	2.2	.6								.1	1.8
SE	1.4	1.6	.9	.5								.1	1.2
SSE	.1	1.3	.6									.1	.8
S	1.1	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	1.2
W	1.1	6.2	3.2	1.7	.1	.1						.1	1.8
WNW	1.4	3.3	3.2	.7	.1	.1						.1	1.8
NW	.1	2.3	1.5	.5	.1		.1					.1	1.2
NNW	.3	2.1	1.3	.8								.1	.8
VARBL													
CALM												0.1	
	2.4	43.2	1.6	.1	.5	.2	.1					.1	1.7

TOTAL NUMBER OF OBSERVATIONS 7

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20540
 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
 CLAS
 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

SURFACE WINDS

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

STATION 127 GOLD LAKE APT CN YEAR 73-84 MONTH ALL
 STATION NAME CLASS CONDITION
ALL WEATHER
 MONTH (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	1.4	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	2.7
NE	.3	1.4	1.1	.3	.0	.0	.0	.0	.0	.0	.0	3.7	3.7
ENE	1.1	1.5	1.0	.3	.0	.0	.0	.0	.0	.0	.0	3.9	3.9
E	1.7	3.7	2.3	.7	.0	.0	.0	.0	.0	.0	.0	4.4	4.4
ESE	1.1	2.7	3.1	.9	.1	.0	.0	.0	.0	.0	.0	7.7	7.7
SE	1.1	1.5	1.5	.5	.1	.0	.0	.0	.0	.0	.0	4.6	4.6
SSE	.8	1.1	.5	.3	.0	.0	.0	.0	.0	.0	.0	3.6	3.6
S	1.3	1.4	.9	.5	.1	.0	.0	.0	.0	.0	.0	4.2	4.2
SSW	.2	1.1	.5	.4	.0	.0	.0	.0	.0	.0	.0	3.2	3.2
SW	1.7	1.6	.8	.5	.1	.0	.0	.0	.0	.0	.0	4.7	4.7
WSW	1.5	2.3	1.6	1.7	.2	.0	.0	.0	.0	.0	.0	6.7	6.7
W	1.1	3.6	3.8	2.1	.3	.1	.0	.0	.0	.0	.0	11.0	11.0
WNW	1.4	2.2	1.8	1.4	.2	.0	.0	.0	.0	.0	.0	7.0	7.0
NW	1.5	1.7	1.7	1.1	.3	.1	.0	.0	.0	.0	.0	6.2	6.2
NNW	.8	1.5	1.4	.8	.0	.0	.0	.0	.0	.0	.0	4.5	4.5
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	1.0	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							7.7	3.7
ESE	2.5	2.7	2.3	.6								7.1	3.7
SE	1.8	1.4	.3									3.5	4.0
SSE	1.1	1.2	.2									2.5	3.1
S	1.7	1.1	.2									3.1	3.7
SSW	1.5	.3	.2									.2	3.1
SW	1.1	1.7	.3		.1							3.3	4.0
WSW	2.6	2.5	1.1		.1							5.5	4.1
W	2.7	2.6	2.5	.8								7.6	3.7
WNW	1.7	2.1	2.2	.9								6.9	4.5
NW	1.2	1.9	.7	.2								3.0	3.1
NNW	.3	2.0	.5	.8								3.6	3.2
VARBL													
CALM												7.3	
	23.5	28.1	16.4	4.3	.3							1.0	3.0

TOTAL NUMBER OF OBSERVATIONS 88

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	1.1	.7									.4	3.0
E	1.8	4.5	4.7	.7	.1							1.1	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								1.1	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/FAO

SURFACE WINDS

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

STATION 125 GOLD LAKE APT CN STATION NAME 73-9 YEARS 1973-74 MONTH 12

CLASS ALL WEATHER

CONDITION _____

HOURLY (L.S.T.) _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	2.1	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	1.2
ENE	.1	1.1	1.3	.3								2.7	1.2
E	.7	2.4	5.2	1.7								10.0	2.8
ESE	.1	1.4	3.5	.9								6.2	1.8
SE	.2	1.7	1.4	.5								3.8	1.6
SSE	1.1	1.5	1.1	.2								4.0	1.7
S	1.4	1.6	1.9	.6								4.5	1.7
SSW	.7	.8	1.1	.6								3.1	1.2
SW	.2	1.4	1.4	.5								3.5	1.4
WSW	.1	2.5	2.5	1.7	.1							5.8	1.8
W	1.5	3.1	5.1	3.9	.5							14.5	3.9
WNW	.1	2.3	2.4	1.7	.2							6.5	2.2
NW	.5	1.3	2.6	1.7	.1							6.5	2.1
NNW	.6	.7	1.4	1.1								4.0	1.2
VARBL													
CALM												1.7	
	13.9	26.6	15.6	14.5	1.5							76.7	1.6

TOTAL NUMBER OF OBSERVATIONS 76

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

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							4.2	7.0
W	.9	2.4	3.9	7.5	1.5	.3						14.7	10.7
WNW	.2	1.7	3.2	3.6	.5							9.2	10.3
NW	.3	.6	1.6	2.4	.2							4.1	10.2
NNW	.5	.3	1.5	1.9	.1							3.1	10.2
VARBL													
CALM												4.1	
	3.1	21.1	32.9	30.0	3.6	.3						100.0	7.7

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 73-6 YEARS 1973-1977
 CLASS ALL WEATHER MONTHS 1973-1977
 CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS 574

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

SURFACE WINDS

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

STATION 18 2 COLD LAKE APT CV STATION NAME 73-2 YEARS 1973-74 MONTH NOV
 ALL WEATHER CLAS NOVS (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	0.2	2.4	0.5	0.6								0.2	0.2
NNE	0.2	2.0	0.7	0.6								0.3	0.7
NE	1.0	2.0	1.3	0.7								0.3	1.0
ENE	1.0	1.6	0.7	0.7								0.4	1.0
E	2.4	4.6	3.3	1.4	0.1							1.0	2.4
ESE	1.7	2.3	1.7	0.7								1.0	1.7
SE	0.7	2.0	1.7	0.3								0.4	0.7
SSE	0.2	1.0	0.6									0.2	0.2
S	1.0	1.0	1.3	0.1								0.4	1.0
SSW	1.0	1.0	0.2	0.1								0.7	1.0
SW	0.7	2.3	0.7									0.3	0.7
WSW	1.0	2.7	0.7									0.4	1.0
W	2.3	5.4	4.5	1.4								1.0	2.3
WNW	0.7	2.4	2.1	0.6								0.7	0.7
NW	1.0	2.5	1.7	0.7	0.2							1.0	1.0
NNW	1.0	1.5	1.2	0.3								0.4	1.0
VARBL													
CALM												1.0	
	1.7	37.6	2.3	1.2	0.3							1.0	1.7

TOTAL NUMBER OF OBSERVATIONS 60

FEDERAL BUREAU OF SURVEY
 NATIONAL METEOROLOGICAL SERVICE
 WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION 1000 GOLD LAKE APT ON STATION NAME 73-8 YEARS 1973-8 MONTH 7-8
 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	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								1.7	1.7
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	1.4	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	12.5	9.8	1.1	.7							1.2	1.2

TOTAL NUMBER OF OBSERVATIONS 100

NATIONAL METEOROLOGY BUREAU
 WEATHER SERVICE/MAL

SURFACE WINDS

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

STATION 12-1000 CHICK LAKE APT 01 STATION NAME 13-2 YEARS 1953 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	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	0.5	0.2								0.2	0.2
SW	0	1.0	0	0.2	0							0.1	0.1
WSW	0	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						0.2	0.2
NW	0	1.0	1.3	1.0	0.2							0.2	0.2
NNW	0	1.0	1.2	0.0	0.1							0.2	0.2
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 125 STATION NAME ELL APT YEARS 1954 MONTH 12
 CLASS CLAS HOURS (L S Y) 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 12

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY SERVICE
 WEATHER SERVICE DIVISION

SURFACE WINDS

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

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

CLASS ALL WEATHER HOURS (LST) 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	.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	2.0	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	2.0	.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	4.4	13.7	2.8	4.2	1.7	.1	.2					2.2	2.2

TOTAL NUMBER OF OBSERVATIONS _____

ALBUQUERQUE BRANCH
 METAC
 DATA SERVICE AC

SURFACE WINDS

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

STATION 12-0 COLD LAKE APT. 21 STATION NAME 73-80 YEAR 73 MONTH 7
 CLASS ALL FLATHER 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	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		0.2	3.5	1.7								0.2	4.0
SE		3.0	1.2	0.2								0.2	4.0
SSE		2.0	0.2	0.1								0.1	4.0
S		1.5	0.2									0.2	4.0
SSW		1.2	0.2	0.1								0.1	4.0
SW		1.0	1.1									0.2	4.0
WSW		0.2	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		0.2	1.2	0.0								0.2	4.0
VARBL													
CALM												1.0	
	1.1	2.7	6.2	7.2	0.1		0.1					0.1	4.0

TOTAL NUMBER OF OBSERVATIONS

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	2.0	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								.7	6.0
SSW	.7	1.7	.4	.3								.1	4.0
SW	.7	2.7	1.0	.3								.1	6.0
WSW	.5	1.3	3.1	1.3	.2							.1	7.7
W	.7	.6	6.3	6.7	1.2	.1						.1	6.0
WNW	1.2	1.6	1.7	2.7	1.1	.4	.1					.1	6.0
NW	.8	.7	1.4	1.3	.8	.5						.1	6.0
NNW	.6	1.4	.9	.3	.1							.3	6.7
VARBL													
CALM													
	14.4	27.1	20.9	12.2	3.5	1.1	.1					1.0	6.0

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								.6	1.5
NNE	.4	.7	.6	.2								.9	1.7
NE	.2	.1		.1								.4	1.5
ENE	.7	.3	.9	.2								1.3	1.6
E	.1	1.1	3.1	2.2								6.5	2.1
ESE	.6	.4	1.4	1.5								3.9	1.7
SE	.6	.7	1.4	1.7	.2							3.1	1.8
SSE	.2	1.2	1.1	.8	.2							3.5	1.9
S	1.5	1.7	3.1	1.9	.1							8.4	2.7
SSW	.5	.7	1.2	.8								3.2	1.8
SW	.7	2.1	3.2	1.2								7.4	2.2
WSW	.9	2.2	3.0	2.3	.4							10.7	2.4
W	.7	2.7	5.3	8.1	3.0	.7						20.5	3.7
WNW	.7	.8	1.9	4.2	2.4	1.2						11.5	2.4
NW	.6	.8	.8	2.7	1.3	.2						6.7	1.9
NNW	.1	.1	1.7	.8								2.7	1.7
VARBL													
CALM												1.5	
	2.1	19.0	19.0	22.9	7.7	2.7						100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 1000

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

SURFACE WINDS

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

STATION 127 COLD LAKE APT ON STATION NAME COLD LAKE APT ON YEARS 73-8 MONTH 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	.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	.0	3.0	5.1	7.4	1.3	.2						1.2	1.0
WNW	.3	.0	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	.0	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 10

ALL WEATHERS
 CLAS

CONDITION

NO. OF HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.1	.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	1.2	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	1.2	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
 CONDITION
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.2	.4	.1								.2	1.2
NNE			.4									.7	1.2
NE	.7	.1	.1									.9	1.2
ENE	.4	.1	.1	.1								1.7	1.2
E	2.7	3.3	3.1	1.5	.1							11.7	1.2
ESE	1.1	3.5	3.6	.8								9.0	1.2
SE	.7	2.7	1.8	.4								5.6	1.2
SSE	1.2	1.3	.7									3.2	1.2
S	3.7	3.5	1.5	.2								9.1	1.2
SSW	1.7	2.1	1.1	.7								5.6	1.2
SW	1.1	2.7	1.3									5.8	1.2
WSW	1.0	4.5	2.5	.8								8.8	1.2
W	2.4	5.7	5.2	3.3	.5	.1						17.2	1.2
WNW	1.1	1.5	.4	.2	.1	.1						3.5	1.2
NW	1.5	1.5	1.2	1.2	.2	.1						5.9	1.2
NNW	.7	2.1	.5	.4	.1							3.8	1.2
VARBL													
CALM												1.0	
TOTAL	125	150	140	100	100	100	100	100	100	100	100	1000	1.2

TOTAL NUMBER OF OBSERVATIONS 125

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

SURFACE WINDS

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

STATION 17 CUL LAK APT CA 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	1.7	2.2	2.8	1.7	.1							8.5	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	.7	.7	.1							2.9	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	1.3	4.5	5.5	3.8	.9							21.2	1.1
WNW	.1	1.5	1.4	.2	.7	.7	.1					4.2	1.1
NW	.2	1.2	1.1	1.3	.6	.7	.1					5.9	1.1
NNW	.5	1.2	1.7	.6	.1							4.4	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: L.S.T.

CONDITION: _____

SPEED KNTS: DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.1	1.4	.6								.3	1.1
NNE			.1	.1								.2	.1
NE		.2	.5	.1								.5	.2
ENE	.1	1.1	.7	.2								.4	.1
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	1.1
WSW	2.2	4.2	3.9	.6								1.0	4.0
W	1.2	4.1	3.5	1.5		.1						1.0	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

NATIONAL METEOROLOGICAL SERVICE
 FEDERAL BUREAU OF SURVEILLANCE

SURFACE WINDS

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

STATION 1200 GOLD LAKE APT ON STATION NAME 73-6 YEARS 1 MONTH

ALL WEATHER CLASS

CONDITION

SPEED KNTS: DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.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	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	.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	1.2	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	1.2	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 IAC

SURFACE WINDS

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

STATION COLD LAKE APT CA STATION NAME 13-8 YEARS 1 MONTH 1

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			1.7										
NNE													
NE													
ENE			1.3										
E		2.1	3.4										
ESE		2.2	3.1										
SE	1.7	2.5											
SSE	1.1	1.7											
S	1.2	1.5	1.4										
SSW	1.2	1.5											
SW	1.2	2.2											
WSW	1.2	4.1	3.6										
W	1.1	3.1	4.8	1.1									
WNW	1.2	1.7	2.1	1.1									
NW	1.2	1.1	2.3										
NNW		1.1	1.5										
VARBL													
CALM													
	1.1	24.6	3.1	2.3									

TOTAL NUMBER OF OBSERVATIONS 1

FEDERAL BUREAU OF METEOROLOGY
 NATIONAL WEATHER SERVICE

SURFACE WINDS

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

STATION: WILLIAMS APT ON STATION NAME: WILLIAMS APT ON YEARS: 1954 MONTH: 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		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	0.3								0.0	0.0
S	0.0	0.0	0.1	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	5.0	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	0.0	0.1						0.0	0.0
NW	0.7		1.0	1.6	0.1							0.0	0.0
NNW	0.0	0.0	0.0	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. ON YEARS 1958 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	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	1	0	0.2	0.1	0	0	0	0	0	0	0	0
NNW	0	1.7	0	0	0	0	0	0	0	0	0	0	0
VARBL													
CALM													
TOTAL NUMBER OF OBSERVATIONS	4	37	3	6	0	0	0	0	0	0	0	0	0

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		1.9	3.0	2.1								1.4	1.2
NNE													
NE			2.7	2.1									
ENE			2.2	2.2									
E		4.2	2.7	2.2									
ESE			2.4	2.2									
SE			1.4	2.1									
SSE		2.1	2.1	2.1									
S		2.1	2.1	2.1									
SSW			1.4	2.1									
SW		2.1	2.1	2.1									
WSW		2.1	2.1	2.1									
W		4.7	4.2	2.1									
WNW		1.4	2.1	2.1									2.1
NW		1.4	2.1	2.1									
NNW		1.4	2.1	2.1									
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	.0	.0	.0	.0	.0	.0	.0	2.1
NNE	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
NE	.4	.7	.4	.7	.0	.0	.0	.0	.0	.0	.0	.0	.4
ENE	.7	1.0	.5	.7	.0	.0	.0	.0	.0	.0	.0	.0	.7
E	1.4	2.0	1.4	.7	.0	.0	.0	.0	.0	.0	.0	.0	1.7
ESE	1.7	2.0	2.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	2.0
SE	1.4	2.7	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.4
SSE	1.0	1.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.0
S	1.7	2.4	1.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	1.7
SSW	1.1	1.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.1
SW	1.5	2.5	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5
WSW	1.3	4.7	3.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	3.5
W	.1	4.3	4.5	1.1	.3	.0	.0	.0	.0	.0	.0	.0	4.3
WNW	.1	1.4	1.6	1.7	.2	.1	.0	.0	.0	.0	.0	.0	1.4
NW	.5	1.2	1.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.5
NNW	.4	1.7	1.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	.4
VARBL													
CALM													
	5	22	12	5	3	3	1	2				10	22

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	0.0	1.0	0.7	0.2									
NNE	0.0	0.0	0.0	0.0									
NE	0.0	0.0	0.4	0.2									
ENE	0.7	1.0	0.2	0.4									
E	0.7	3.0	2.2	1.3									
ESE	0.0	2.0	1.5	0.4									
SE	0.0	2.0	0.2	0.1									
SSE	1.0	1.3	0.2										
S	0.0	1.0	0.2										
SSW	1.0	0.0	0.3										
SW	0.0	1.0	0.2										
WSW	0.7	4.2	1.2	0.2									
W	0.5	5.0	3.3	1.4									
WNW	0.0	1.0	1.5	1.3									
NW	0.0	2.0	1.3	1.3	0.3								
NNW	0.0	1.0	0.2	0.4	0.1								
VARBL													
CALM													
TOTAL	2.0	1.0	7.6	7.6	0.4	0.1							

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 WILLIAMS APT C STATION NAME 73-41 YEARS 1951-1952 MONTH ALL

CLASS ALL WEATHER HOURS (L & 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	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							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
 STATE OF NEW YORK

SURFACE WINDS

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

STATION ALBANY, N.Y. 12207 STATION NAME ALBANY YEARS 1970-71 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	.0	.0	.1	.1	.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	1.4	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	2.0	3.2	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	1.5	2.2	1.5	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	1.7	2.2	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.4	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	1.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	1.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	1.7	1.4	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.4	3.5	2.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	4.6	3.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	2.0	1.0	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0
NW	1.4	1.3	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	1.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
VARBL													
CALM													
	22.0	25.9	22.6	7.9	.0	.3	.1	.0	.0	.0	.0	.0	.0

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 1950-51 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	.1	.4	.4	.2								.2	.1
NNE	.1	.4	.4		.1							.2	.1
NE	.1	.3	.3									.1	.1
ENE	.1	.2	.1	.4								.1	.1
E	.1	.4	.1	.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 LARSEN PT CA 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	.2
VARBL													
CALM												.0	
TOTAL	2.1	23.5	15.0	13.1	1.5	.4						10.0	

TOTAL NUMBER OF OBSERVATIONS 6

FEDERAL METEOROLOGICAL SERVICE
 WEATHER SERVICE/MAC

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: _____

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	.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	2.0	.7										
SSW	.0	.0	.4										
SW	2.4	3.1	.7										
WSW	.0	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	2.2	1.3	2.0	.8	.4								
NNW	.0	.0	1.3	.3									
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS: _____

ALBUQUERQUE METEOROLOGICAL STATION
 1951-1952

SURFACE WINDS

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

STATION ALBUQUERQUE METEOROLOGICAL STATION YEAR 1951-52 MONTH ALL

STATION NAME ALBUQUERQUE METEOROLOGICAL STATION CLASS ALL WEATHER BIRTH 1951

CONDITION ALL WEATHER HOUR (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	0.0	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 1000

T

ALBUQUERQUE AIR FORCE STATION
 ALBUQUERQUE, N.M.
 WEATHER DIVISION

SURFACE WINDS

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

STATION ALBUQUERQUE AIR FORCE STATION YEARS 7-82 MONTH ALL

CLASS ALL WEATHER

CONDITION _____

HOURE (L E T) _____

SPEED KNTS. DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	•	•	1.2	•1								••	••
NNE		•	•	•7								••	••
NE	••	1.2	•	•2								••	••
ENE	••	1.0	•1	•7								••	••
E	••	••	3.7	1.5	•1							••	••
ESE	1.0	2.4	2.9	•8								••	••
SE	••	1.7	•4									••	••
SSE	••	1.0	•2									••	••
S	1.2	1.0	•3									••	••
SSW	1.2	••										••	••
SW	1.0	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 OCEANOGRAPHY

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 (L E T) 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 YEARS 1951-1954 MONTH ALL MONTHS

STATION NAME LAKE CHARLES, MISSISSIPPI CLASS ALL WEATHER HOURLS PER YEAR 8760

CONDITION _____

SPEED (KNTS); DIR.	1-3	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: _____

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 _____

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 1947. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1947 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1947 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 1947 for Air Force stations and January 1947 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

		VISIBILITY (STATUTE MILES)			
		3	2	1	0
CEILING (FEET)	1500	92.6	98.1	99.4	100.0
	1000	95.4	96.9	98.3	100.0
	500	95.4	96.9	98.3	100.0
	0	95.4	96.9	98.3	100.0
	0	95.4	96.9	98.3	100.0
	0	95.4	96.9	98.3	100.0
	0	95.4	96.9	98.3	100.0

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

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

CEILING VERSUS VISIBILITY

73-00 GOLD LAKE APT. CN

73-87

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0000

42.7	43.6	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
63.8	65.8	66.5	67.0	69.4	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	77.1	77.1	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
AFW 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	72.6	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

1600-1800

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	37.7	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	99.7	100.0
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	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73-82 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	47.7	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	59.6	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	59.6	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	59.6	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	60.3	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	63.5	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	70.1	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	72.4	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	73.5	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	75.8	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	76.4	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	77.4	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	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	79.0	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	80.2	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	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	85.2	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	88.5	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	89.5	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	92.1	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	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	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	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	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	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	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	98.5	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	99.3	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	99.4	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	99.6	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	99.6	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	99.6	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

FEDERAL BUREAU OF SURVEY
OFFICE OF METEOROLOGY
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1200 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	52.4	52.6	52.8	52.8	53.1	53.3	53.3	53.6	53.7	53.9	54.4
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	70.6	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

73120 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	78.6	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
OFFICE OF THE CHIEF OF BUREAU

CEILING VERSUS VISIBILITY

WINDY LAKE, ARIZONA

73-87

58

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
56.1	58.6	61.4	61.6	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	72.5	72.5	72.5	72.9	72.9	72.9	73.1
66.7	70.3	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
67.1	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	82.3	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	87.5	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
83.1	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	89.1	90.8	91.5	92.5	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	91.7	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	98.0	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
73.0	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 548

FEDERAL CLIMATOLOGY BRANCH
WASH DC
AIR WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

WOLF 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	64.8	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	79.7	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	81.2	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/ETAC
 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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 813

WORLD CLIMATOLOGY BRANCH
USAF/ETAC
METEOROLOGICAL SERVICE/MAO

CEILING VERSUS VISIBILITY

12123 COLD LAKE APT ON

73-82

EEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

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

18.0-0.00

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	91.2	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

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	99.5	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
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	56.4	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	56.4	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	56.4	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	56.9	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	59.7	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	64.3	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	67.3	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	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	72.9	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	73.4	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	74.5	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	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	77.6	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	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	80.5	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	82.8	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	85.4	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	86.2	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	88.7	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	90.8	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	92.5	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	93.2	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	93.7	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	94.8	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	96.6
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	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

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

8600-8500

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	100.0

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
50.8	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
90.4	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
90.4	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
90.4	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
90.4	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
90.4	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

73-82 COLD LAKE APT. ON

73-82

1950-1959

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1950-1959

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
50.5	50.7	50.7	50.7	50.8	50.8	50.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
59.5	59.7	59.7	59.7	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
60.5	60.7	60.7	60.7	61.0	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
64.5	65.1	65.2	65.4	65.7	65.7	65.8	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
69.0	70.0	70.1	70.4	71.0	71.0	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
71.7	71.9	72.1	72.5	73.2	73.2	73.6	73.8	73.8	73.9	73.8	73.8	73.8	73.8	73.8	73.8
73.5	73.9	74.1	74.9	75.7	75.7	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
74.5	75.0	75.2	75.0	76.0	76.0	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
75.2	75.7	75.9	76.7	77.4	77.4	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
76.7	77.2	77.4	78.2	79.0	79.0	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
78.4	79.0	79.2	80.0	80.3	80.6	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
81.5	81.4	81.6	81.4	82.2	82.2	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
81.5	82.2	82.5	83.3	84.1	84.1	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
85.1	86.1	86.5	87.3	88.3	88.3	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
86.5	87.5	88.2	88.9	90.0	90.0	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
88.5	89.7	90.3	91.0	92.3	92.4	93.4	93.6	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8
89.6	90.5	91.5	91.5	92.7	92.8	93.8	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2
89.7	91.3	91.6	92.7	93.9	94.0	95.2	95.3	95.9	95.0	95.1	96.2	96.2	96.2	96.2	96.2
90.2	91.9	92.5	93.4	94.6	94.7	95.9	96.8	96.9	97.2	97.3	97.5	97.5	97.5	97.5	97.5
91.5	92.4	93.0	93.9	95.2	95.4	96.6	97.5	97.7	98.6	98.7	98.8	98.8	98.8	98.8	98.8
90.7	92.4	93.0	93.9	95.2	95.4	96.6	97.5	97.7	98.6	98.7	98.8	98.8	98.8	98.8	98.8
90.6	92.5	93.1	94.0	95.4	95.5	96.7	97.6	97.8	98.7	98.8	98.9	98.9	98.9	98.9	98.9
90.5	92.5	93.1	94.1	95.5	95.6	96.8	97.7	97.9	98.8	99.2	99.3	99.3	99.3	99.3	99.3
91.6	92.5	93.1	94.1	95.5	95.6	96.8	97.7	97.9	98.8	99.2	99.3	99.3	99.3	99.3	99.3
90.5	92.5	93.1	94.1	95.5	95.6	96.9	97.8	98.0	98.9	99.3	99.4	99.4	99.4	99.4	99.4
90.8	92.5	93.1	94.1	95.6	95.7	97.0	97.9	98.1	99.0	99.6	99.7	99.9	99.9	99.9	99.9
90.5	92.5	93.1	94.1	95.6	95.7	97.0	97.9	98.1	99.0	99.6	99.7	99.9	99.9	99.9	99.9
91.6	92.5	93.1	94.1	95.6	95.7	97.1	97.9	98.1	99.0	99.6	99.7	99.9	99.9	99.9	99.9
90.6	92.5	93.1	94.1	95.6	95.7	97.1	97.9	98.1	99.0	99.6	99.7	99.9	99.9	99.9	99.9
91.6	92.5	93.1	94.1	95.6	95.7	97.0	97.9	98.1	99.0	99.6	99.7	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 974

U.S. GOVERNMENT PRINTING OFFICE: 1950

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	60.3	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	75.3	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	80.3	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	81.9	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	83.6	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	86.7	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	89.5	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	96.6	97.0	97.1	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	97.0	97.3	97.4	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	97.5	98.0	98.1	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	100.0	100.0
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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 695

CENTRAL CLIMATOLOGY BRANCH
WAGBCTAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7120 COLD LAKE APT ON

73-62

MAF

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

7.12.7 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
88.8	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
90.6	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

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

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

U.S. AIR FORCE - WASHINGTON, D.C. - 20330

1
2

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
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	56.9	57.0	57.0	57.0	57.0	57.0	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
 AWP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 12 0 COLD LAKE APT CN

73-82

APF

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

000-1100

48.9	49.1	49.2	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
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
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
61.2	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
62.5	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
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
67.5	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
69.6	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
71.2	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
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
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
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
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
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
75.9	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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

1700-1900

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	92.7	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
ALBANY WEATHER SERVICE/MAC

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	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
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
94.9	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	65.7	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	84.9	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	89.4	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	90.1	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	93.6	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	95.2	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	95.3	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	96.3	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	97.4	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	97.8	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	97.9	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	98.2	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	98.8	98.8	98.8
94.2	95.7	95.9	96.8	97.3	97.4	97.8	98.0	98.0	98.5	98.8	98.8	98.8	98.9	98.9	98.9
94.7	95.7	95.9	96.8	97.3	97.4	97.8	98.0	98.0	98.5	98.9	98.9	98.9	99.1	99.2	99.2
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
93.9	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
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	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	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	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	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	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	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
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	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	81.4
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	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	83.4
84.1	84.7	84.9	85.0	85.4	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	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	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	90.9
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	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	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	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	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	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	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	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	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	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	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	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	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	99.4	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	99.4	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	99.4	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	86.4	86.5	86.7	86.7	86.7	86.7	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	88.6	88.7	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	91.2	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	91.5	91.7	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
94.5	92.5	93.0	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
97.5	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
97.1	93.6	94.3	95.4	95.9	96.1	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.9	96.9	97.0
97.6	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	95.8	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	98.8	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

CEILING VERSUS VISIBILITY

2

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
58.7	58.8	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
58.7	59.2	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	63.8	63.8	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
74.8	75.7	76.0	76.0	76.1	76.2	76.4	76.9	76.9	77.1	77.4	77.4	77.9	77.9	78.3	78.8
77.7	78.4	78.5	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
78.2	79.0	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	80.8	80.8	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	83.5	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	84.0	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	88.2	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	89.7	90.3	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
92.5	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	96.5	96.9	97.0	97.0	97.4
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	97.5	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

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	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	59.5	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	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	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	62.5	62.5
65.3	65.3	65.7	66.0	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
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	70.1	70.1
71.6	71.3	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	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	73.7
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	74.7	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	75.0
75.0	75.4	75.9	75.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
76.9	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	78.7
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	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	82.8	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	85.2
85.2	86.5	86.9	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	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	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	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	92.8	92.8
89.9	92.4	92.8	93.8	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	94.5	94.5
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	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	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	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	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	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	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	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	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	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 891

FEDERAL CLIMATOLOGY BRANCH
WASH DC
AT LEATHER SERVICE/CMC

CEILING VERSUS VISIBILITY

2

112 D WILD LAKE APT ON

73-82

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	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	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	51.9	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	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	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	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	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	64.7	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	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	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	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	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	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	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	87.5	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	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	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	92.9	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	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	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	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	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
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	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	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	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	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	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	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	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	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	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 889

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 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
88.5	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
90.8	92.5	92.8	92.9	92.9	92.9	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	99.1	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	99.1	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	99.1	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
96.2	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

GLOBAL CLIMATOLOGY BRANCH
 DTAF/TAC
 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
58.1	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
58.2	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
61.6	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
 USAF ETAC
 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

000-100

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	67.5	67.6	67.8
66.6	67.0	67.1	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.8
66.6	67.0	67.1	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.8
66.6	67.0	67.1	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.8
69.9	70.2	70.3	70.6	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	71.2
77.5	77.9	78.0	78.3	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.9
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	85.7
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	88.2
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	90.6
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	91.8
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	92.4
91.6	91.6	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	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.9	94.0	94.0	94.2
91.6	92.6	93.3	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.2	94.4
92.8	93.8	94.5	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.4	95.6
92.9	93.9	94.5	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.7	95.8
93.5	94.5	95.2	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.2	96.2	96.3	96.5
94.0	95.1	95.8	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.9	97.1
94.0	95.4	96.4	97.1	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.6	97.8
94.2	95.7	96.6	97.4	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.8	97.8	98.0	98.2
94.4	95.8	96.8	97.5	97.5	97.6	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.1	98.3
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	98.6	98.7	98.7	98.8	98.9
94.6	96.4	97.4	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.9
94.6	96.4	97.4	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.9
94.6	96.4	97.4	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.9
94.7	96.6	97.6	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.9	99.0	99.0	99.2	99.3
95.0	96.9	97.8	98.8	98.8	98.9	99.2	99.2	99.2	99.2	99.3	99.4	99.4	99.5	99.6
95.0	96.9	97.8	98.8	98.8	98.9	99.2	99.2	99.2	99.2	99.3	99.4	99.4	99.5	99.6
95.0	96.9	97.8	98.8	98.8	98.9	99.2	99.2	99.2	99.2	99.3	99.4	99.4	99.5	99.6
95.0	96.9	97.8	98.8	98.8	98.9	99.2	99.2	99.2	99.2	99.3	99.4	99.4	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	97.5	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

2

7-12-77 COLD LAKE APT CN

73-82

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1900-1400

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
56.4	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	71.6	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
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	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
78.8	79.1	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
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	97.6	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

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

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
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
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
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
50.7	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	56.8	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
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
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
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
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
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
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
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
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
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
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
92.7	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
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
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
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
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
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
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
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
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
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
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
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
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

TOTAL NUMBER OF OBSERVATIONS 621

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT ON

73-67

00

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
WAFSLAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 12 0 WOOD LAKE APT ON

73-80

JUN

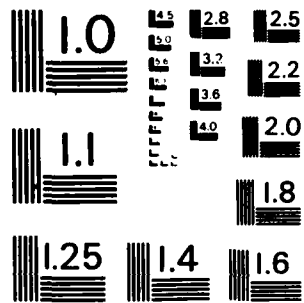
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

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	98.9	99.4	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	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... SERVICE... BRANCH



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

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

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	21	22	23	24	25	26	27	28	29	30	
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	59.8	59.9	59.9	60.0	60.0	60.0	60.1	60.1	60.2	60.2	60.3	60.3	60.3	60.3	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	60.4	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	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
100	63.0	63.4	63.5	63.6	63.7	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	64.2	64.2	64.2	64.2	64.2	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	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
70	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	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
60	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	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
50	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	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
40	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	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
30	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	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
20	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	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
10	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	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
8	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	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
6	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	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
4	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	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
2	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	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
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	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
0	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	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
0	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	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
0	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	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
0	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	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0	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	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
0	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	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
0	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	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
0	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	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	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	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	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	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0	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	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0	95.2	97.0	97.8	98.4	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	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	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	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 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 3/8	2 1/2	2 1/4	2 1/8	2 1/16	2 1/32	2 1/64	2 1/128	2 1/256	2 1/512	2 1/1024	2 1/2048	2 1/4096	2 1/8192	2 1/16384
20000	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
18000	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
16000	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
14000	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
12000	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
10000	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
8000	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
6000	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
4000	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
2000	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
1000	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
500	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
250	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
150	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
100	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
75	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
50	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
30	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
20	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
15	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
10	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
7 1/2	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
5 1/2	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
4 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
3 1/2	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
2 1/2	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
2 1/4	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
2 1/8	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
2 1/16	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
2 1/32	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
2 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

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 1/2	2 1/2	2 1/2
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 1500	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 1400	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 1200	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 1000	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
2 800	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
2 600	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
2 400	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
2 200	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 1500	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 1500	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 1400	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 1200	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	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
≥ 20000	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
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 8000	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
≥ 6000	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
≥ 4000	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
≥ 2000	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
≥ 1000	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	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
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
150	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
100	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
75	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
50	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
25	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
0	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
1000	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
900	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
800	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
700	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
600	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
500	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
400	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
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
150	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	97.9	98.8	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
75	96.7	97.9	98.8	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50	96.7	97.9	98.8	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
25	96.7	97.9	98.8	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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
1000	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
900	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
800	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
700	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
600	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
500	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
400	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
300	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
200	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
100	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
0	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
1000	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
900	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
800	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
700	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
600	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
500	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
400	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
300	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
200	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
100	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
0	97.0	98.6	99.0	99.3	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
1000	97.0	98.6	99.0	99.3	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
900	97.0	98.6	99.0	99.3	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
800	97.0	98.6	99.0	99.3	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
700	97.0	98.6	99.0	99.3	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
600	97.0	98.6	99.0	99.3	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
500	97.0	98.6	99.0	99.3	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
400	97.0	98.6	99.0	99.3	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
300	97.0	98.6	99.0	99.3	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
200	97.0	98.6	99.0	99.3	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
100	97.0	98.6	99.0	99.3	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
0	97.0	98.6	99.0	99.3	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
1000	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
900	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
800	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
700	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
600	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
500	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
400	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
300	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
200	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	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
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

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
1000	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
900	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
800	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
700	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
600	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
500	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
400	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
300	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
200	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
100	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
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
1000	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
900	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
800	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
700	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
600	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
500	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
400	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
300	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
200	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
100	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
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
1000	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
900	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
800	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
700	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
600	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
500	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
400	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
300	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
200	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
100	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
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
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7:12-0 GOLD LAKE APT CN

73-82

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

2100-2300

CEILING	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
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	210	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	
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	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	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	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	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	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
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	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	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	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
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	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	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	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	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	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	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	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	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	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
1000	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	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
900	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	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
800	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	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
700	85.8	87.3	87.6	87.9	88.1	88.1	88.1	88.2	88.2	88.4	88.5	88.5	88.6	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
600	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	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
500	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	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
400	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	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
300	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	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
200	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	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
100	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	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
0	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	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
1000	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	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
900	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	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
800	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	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
700	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	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
600	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	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
500	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	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
400	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	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
300	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	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	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	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100	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	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	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	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 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	99.2	99.2	99.7	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	99.8	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	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

1300 COLD LAKE APT CV

73-82

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1300-0500

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
74.5	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

AYG

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1500-2000

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	78.1	78.1	78.3	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

CEILING	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
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	46.0	46.0
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	55.9	55.9
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	56.2	56.2
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	56.3	56.3
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	56.8	56.8
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	60.4	60.4
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	67.0	67.0
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	69.9	69.9
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	74.0	74.0
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	76.1	76.1
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	77.0	77.0
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	80.2	80.2
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	82.2	82.2
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	85.8	85.8
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	87.7	87.7
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	91.5	91.5
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	93.2	93.2
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	96.0	96.0
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	96.3	96.3
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	97.5	97.5
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	97.9	97.9
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	97.9	97.9
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	98.1	98.1
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	98.4	98.4
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	99.0	99.0
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	99.3	99.3
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	99.3	99.3
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	99.3	99.3
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	99.3	99.3
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	99.3	99.3
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	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 893

2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

711205 COLD LAKE APT CN

73-82

406

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
0	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
1000	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
900	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
800	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
700	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
600	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
500	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
400	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
300	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
200	94.4	96.0	96.7	97.5	97.9	97.9	97.9	97.9	97.9	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
100	94.4	96.1	96.8	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
50	94.6	96.7	97.4	98.2	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
0	94.7	96.8	97.5	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1000	94.7	96.8	97.5	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
900	94.7	96.8	97.5	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
800	94.7	96.8	97.5	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
700	94.7	96.8	97.5	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
600	94.7	96.8	97.5	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500	94.7	96.8	97.5	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400	94.7	96.8	97.5	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
300	94.7	96.8	97.5	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
200	94.7	96.8	97.5	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100	94.7	96.8	97.5	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	94.7	96.8	97.5	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4

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

	0	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	0
1000	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	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
900	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	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
800	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	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
700	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	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
600	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	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
500	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	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
400	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	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
300	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	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
200	82.9	84.2	84.6	85.0	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
100	85.1	86.4	86.8	87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
0	86.2	87.9	88.3	88.8	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	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
1000	88.0	89.7	90.1	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
900	88.7	90.3	90.8	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
800	89.2	91.0	91.4	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
700	89.9	91.7	92.1	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
600	91.1	92.9	93.3	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
500	91.4	93.2	93.7	94.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
400	92.0	93.8	94.2	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
300	92.2	94.0	94.4	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
200	92.8	94.6	95.0	95.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
100	93.1	95.1	95.7	96.1	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
0	93.2	95.3	96.1	96.6	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1000	93.2	95.3	96.1	96.6	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
900	93.2	95.4	96.2	96.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
800	93.2	95.4	96.2	96.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
700	93.2	95.7	96.4	97.0	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
600	93.6	96.3	97.1	97.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
500	93.8	96.6	97.3	97.9	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
400	93.9	96.7	97.4	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
300	93.9	96.7	97.4	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
200	93.9	96.7	97.4	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
100	93.9	96.7	97.4	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
0	93.9	96.7	97.4	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

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	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
50	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	
40	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	
30	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	
20	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	
10	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	
5	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	
0	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	
100	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	
90	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	
80	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	
70	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	
60	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	
50	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	
40	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	
30	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	
20	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	
10	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	
5	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	
0	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	
100	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	
90	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	
80	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	
70	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	
60	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	
50	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	
40	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	
30	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	
20	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	
10	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	
5	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	
0	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	71.6	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	71.6	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	25	30	34	40	45	50	55	60	65	70	75	80	85	90	95	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	47.3	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	54.0	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	54.0	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	54.0	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	54.8	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	58.5	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	63.0	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	65.1	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	66.5	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	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	69.5	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	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	71.0	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	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	72.5	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	74.3	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	76.3
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	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	81.6
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	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	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	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	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	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	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	96.6	96.6	96.6	96.7	96.8	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	97.8	97.8	97.8	98.0	98.1	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	98.7	98.7	98.7	98.9	99.0	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	99.3	99.3	99.3	99.4	99.5	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	99.7	99.7	99.7	99.8	99.9	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	99.8	99.8	99.8	99.9	100.0	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	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 879

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW 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
AIR 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
93.7	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

2

1210 COLD LAKE APT ON

73-87

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	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	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	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	69.8	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	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	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	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	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	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	76.3	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	77.5	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	78.3	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	79.7	79.7
80.3	80.6	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	81.4	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	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	86.4	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	88.1	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	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	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	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	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	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	96.4	96.4
92.4	94.6	95.2	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	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	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	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	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	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	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	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	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. CN

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
57.7	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
57.7	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
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
72.5	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	98.8	98.8	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.8
91.8	95.9	97.2	98.0	98.5	98.5	98.5	98.8	98.8	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0
91.8	95.9	97.2	98.0	98.5	98.5	98.5	98.8	98.8	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0

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

2

GLOBAL CLIMATOLOGY BRANCH
JF APLTAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

71230 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	55.4	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	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	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	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	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	65.1	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	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	74.0	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	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	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	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	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	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	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	83.0	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	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	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	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	91.2	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	93.1	93.7
91.4	92.3	92.6	93.1	93.2	93.2	93.3	93.4	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	95.3	96.0
92.7	93.7	94.2	94.7	94.9	94.9	95.2	95.3	95.3	95.6	95.6	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	96.1	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	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	97.0	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	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	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	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	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	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	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	56.3	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	68.7	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	69.9	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
72.2	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	63.9	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
66.7	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 12.0 COLD LAKE APT CN

73-82

067

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	74.8	74.8	74.8	74.8	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	96.6	96.7	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
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7-12-77 COLD LAKE APT CH

73-82

99T

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	52.8	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	55.8	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	58.9	59.0	59.1
59.5	59.7	59.8	59.8	59.9	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	61.6	61.7	61.8
64.5	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.1	65.2
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	70.6	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	72.5	72.5	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	74.9	75.0	75.1
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	77.2	77.3	77.4
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	77.8	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	79.1	79.1	79.1	79.2	79.3
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	80.0	80.1	80.2
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	81.4	81.5	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	82.4	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	84.8	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	86.7	86.8	86.9
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	90.3	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	91.0	91.0	91.1	91.2
90.7	91.8	92.0	92.3	92.6	92.7	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.1	93.2
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	94.7	94.8	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	95.8	95.8	95.9	96.0
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	96.2	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	96.7	96.8	96.9
93.8	95.4	95.7	96.1	96.4	96.5	96.8	96.8	96.8	97.1	97.2	97.2	97.2	97.2	97.3	97.4
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	97.7	97.8	97.9
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	98.2	98.3	98.4
94.5	96.2	96.6	97.1	97.5	97.6	98.0	98.0	98.1	98.3	98.5	98.5	98.5	98.5	98.6	98.7
94.6	96.4	96.8	97.3	97.8	97.9	98.3	98.4	98.5	98.7	98.9	98.9	98.9	98.9	99.0	99.1
94.6	96.4	96.9	97.5	98.0	98.1	98.5	98.6	98.7	99.0	99.1	99.1	99.1	99.1	99.2	99.3
94.6	96.4	96.9	97.5	98.1	98.2	98.6	98.7	98.8	99.1	99.4	99.4	99.4	99.4	99.5	99.6
94.6	96.4	96.9	97.5	98.1	98.2	98.6	98.7	98.8	99.1	99.4	99.4	99.4	99.4	99.5	99.6

TOTAL NUMBER OF OBSERVATIONS 7198

GLOBAL CLIMATOLOGY BRANCH
 METAC
 AIR 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	83.2	83.3	83.4	83.4	83.6	83.6	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	89.7	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	91.3	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	91.8	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	98.9	99.1	99.7	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	98.9	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 676

FEDERAL CLIMATOLOGY BRANCH
 WASH DC
 AIR WEATHER SERVICE/LAC

CEILING VERSUS VISIBILITY

2

1207 COLD LAKE APT CN

73-52

Nov

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1500-1800

44.5	44.3	44.4	45.7	46.0	46.3	46.1	46.2	46.3	46.5	46.6	46.5	46.7	46.9	47.1
49.4	50.1	50.2	50.5	50.9	50.9	51.0	51.0	51.1	51.3	51.5	51.5	51.6	51.7	52.0
49.5	50.2	50.3	50.7	51.0	51.0	51.1	51.1	51.3	51.4	51.5	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
54.5	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
54.3	60.1	60.5	60.9	61.3	61.3	61.4	61.4	61.5	61.5	61.8	61.8	62.0	62.1	62.3
60.1	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
64.1	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	67.5	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	70.5	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	73.5	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
73.8	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
75.7	81.2	83.2	83.8	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	94.0	94.1	94.4
85.1	88.5	89.7	90.7	92.1	92.2	93.0	93.3	93.5	94.5	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	94.5	95.9	96.4	96.6	96.8	96.9	97.1
85.2	88.9	91.1	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	91.1	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	91.1	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
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

123 COLD LAKE APT CV

73-87

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1900-1100

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	88.2	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	97.5	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	97.5	97.9	98.7	99.1	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 868

GLOBAL CLIMATOLOGY BRANCH
 USAF/ITA
 AIR WEATHER SERVICE/LMAC

CEILING VERSUS VISIBILITY

2

1210 COLD LAKE APT CA

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	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
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
52.3	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
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
54.5	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
51.7	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
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
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
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
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
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
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
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
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
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

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
54.8	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
54.9	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
55.0	55.2	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
56.7	56.9	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
60.7	61.3	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
64.3	65.1	65.2	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
66.7	67.0	67.3	67.5	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
68.5	69.1	69.3	69.5	69.5	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
69.4	70.0	70.2	70.5	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
69.5	70.1	70.3	70.6	70.6	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
70.0	70.6	70.9	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
70.2	70.9	71.3	71.7	71.8	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
70.6	71.3	71.7	72.3	72.4	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
71.4	72.0	72.5	73.1	73.2	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
73.3	74.1	74.5	75.1	75.2	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
75.8	77.5	77.5	78.1	78.5	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
76.4	79.8	80.2	81.1	81.7	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
79.3	80.8	81.3	82.2	82.7	83.1	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
81.1	82.7	83.4	84.7	85.6	85.9	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
83.1	84.8	85.5	87.0	88.1	88.4	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
83.9	85.7	86.4	88.0	89.0	89.3	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
84.0	86.0	86.8	88.4	89.4	89.8	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
84.2	86.4	87.2	88.9	89.9	90.2	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
84.9	87.2	88.0	89.7	90.7	91.0	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
85.5	87.8	88.6	90.5	91.5	91.8	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
85.7	88.2	89.0	90.9	91.9	92.3	93.4	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
85.9	88.9	89.7	91.6	92.6	93.0	94.1	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
85.9	88.9	89.8	91.7	93.3	93.8	95.0	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
86.7	89.0	89.9	91.8	93.4	93.9	95.2	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
86.0	89.0	89.9	91.8	93.4	93.9	95.2	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
86.0	89.0	89.9	91.8	93.4	93.9	95.2	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9

TOTAL NUMBER OF OBSERVATIONS 880

2

FEDERAL CLIMATOLOGY BRANCH
WAFB, TAC
400 WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

73-82 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	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	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	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	59.3
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	60.3
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	63.2
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	66.7
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	67.7
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	69.9
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	71.8
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	72.2
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	73.3
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	73.5
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	74.3
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	74.8
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	77.8
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	79.9
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	83.8
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	84.6
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	88.1
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	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	92.8
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	93.8
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	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	94.6
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	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	95.4
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	96.6
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	98.5
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	99.8
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	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	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	73.0	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 CA

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
WAFETAC
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	66.4	66.4	67.6
55.0	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	66.4	66.4	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
70.0	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

CENTRAL CLIMATOLOGY BRANCH
WAFB/TAC
AIR WEATHER SERVICE/LMAC

CEILING VERSUS VISIBILITY

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	

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
74.8	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
WAFSC/AC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 22 00 GOLD LAKE APT. ON

75-57

95

PERIOD OF OBSERVATION: 0000-0100
STATION: 75-57

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	45.3	45.7	46.7	47.0	47.1	47.1	47.1	47.3	47.3	47.5	47.5	47.8	48.1
43.9	45.5	45.7	45.3	46.7	46.9	47.7	47.1	47.1	47.2	47.3	47.3	47.6	47.5	47.8	48.1
44.7	45.5	45.7	45.4	45.8	46.8	47.1	47.2	47.2	47.4	47.4	47.5	47.7	47.7	47.9	48.1
44.8	46.2	46.5	47.0	47.4	47.4	47.7	47.8	47.8	48.1	48.1	48.3	48.3	48.5	48.6	48.8
47.5	49.4	49.9	50.3	50.7	50.8	51.1	51.2	51.2	51.3	51.5	51.5	51.7	51.7	51.7	52.2
53.1	55.1	55.7	56.2	56.7	56.6	57.1	57.2	57.2	57.3	57.5	57.6	57.6	57.9	58.1	58.4
55.7	57.8	58.4	59.0	59.5	59.6	59.9	60.0	60.0	60.2	60.4	60.4	60.7	60.8	61.0	61.3
59.1	61.5	62.1	62.6	63.3	63.4	63.8	64.0	64.0	64.1	64.4	64.4	64.6	64.7	64.9	65.2
61.5	64.1	64.9	65.7	66.3	66.5	66.9	67.1	67.5	67.7	67.7	68.1	68.1	68.4	68.5	68.7
62.1	64.7	65.5	66.2	66.9	67.1	67.5	67.7	67.7	68.1	68.1	68.4	68.5	68.7	69.0	69.3
63.1	65.9	66.7	67.5	68.2	68.4	69.8	69.0	69.1	69.2	69.5	69.5	69.7	69.8	70.0	70.3
63.8	66.7	67.6	68.5	69.2	69.4	69.8	70.0	70.0	70.2	70.5	70.5	70.7	70.8	71.0	71.4
64.7	67.7	68.7	69.6	70.4	70.6	71.1	71.4	71.4	71.6	71.8	71.8	72.1	72.2	72.4	72.7
65.3	66.4	69.4	70.4	71.2	71.4	72.0	72.2	72.2	72.4	72.7	72.7	72.9	73.0	73.2	73.5
67.1	70.3	71.4	72.4	73.3	73.5	74.2	74.5	74.5	74.7	75.0	75.0	75.2	75.3	75.5	75.8
68.7	71.8	72.9	74.0	75.0	75.3	76.0	76.3	76.3	76.6	76.9	77.1	77.2	77.4	77.7	77.7
70.4	74.4	75.7	77.1	78.4	78.8	79.7	80.0	80.1	80.4	80.7	80.7	80.9	81.0	81.2	81.6
70.9	75.0	76.4	77.8	79.2	79.5	80.4	80.7	80.8	81.1	81.4	81.4	81.7	81.8	82.0	82.3
72.5	76.7	78.1	79.6	81.1	81.4	82.7	83.2	83.3	83.7	84.0	84.0	84.2	84.3	84.6	84.9
74.6	79.1	80.6	82.3	83.8	84.2	85.5	86.3	86.4	86.8	87.2	87.2	87.5	87.6	87.8	88.1
75.9	81.7	82.4	84.2	85.8	86.2	87.6	88.5	88.6	89.7	90.1	90.1	90.4	90.5	90.7	91.0
76.4	81.2	82.9	84.8	86.3	86.7	88.1	89.0	89.1	90.3	90.7	90.8	91.0	91.1	91.3	91.7
77.7	81.9	83.7	85.6	87.1	87.6	89.0	90.0	90.0	91.2	91.7	91.7	92.0	92.1	92.3	92.6
77.7	82.8	84.5	86.6	88.2	88.6	90.1	91.1	91.1	92.4	93.4	93.4	93.7	93.8	94.0	94.3
78.4	83.7	85.5	87.5	89.1	89.6	91.1	92.1	92.1	93.4	94.4	94.6	94.9	95.0	95.2	95.5
79.9	84.4	86.4	88.4	90.1	90.5	92.1	93.1	93.2	94.4	95.5	95.7	95.9	96.0	96.3	96.6
79.2	84.7	86.7	88.8	90.6	91.1	92.7	93.8	93.8	95.2	96.3	96.5	97.0	97.2	97.4	97.7
79.2	84.9	86.9	89.2	91.1	91.6	93.3	94.5	94.6	96.0	97.2	97.4	98.1	98.3	98.5	98.9
79.3	85.0	87.1	89.3	91.3	91.8	93.5	94.8	94.8	96.3	97.6	97.8	98.6	98.8	99.2	99.5
79.3	85.0	87.1	89.3	91.3	91.8	93.6	94.8	94.9	96.4	97.7	98.0	98.7	98.9	99.4	99.7
79.3	85.7	87.1	89.3	91.3	91.8	93.6	94.8	94.9	96.4	97.7	98.0	98.7	98.9	99.4	99.7

TOTAL NUMBER OF OBSERVATIONS 7276

FEDERAL CLIMATOLOGY BRANCH
ANN ARBOR, MICHIGAN
METEOROLOGICAL WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12000 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	58.9	58.9	59.0	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	70.6	70.7	70.8	70.8	70.9	70.9	71.0	71.2
73.4	73.6	73.7	73.8	73.9	74.0	74.1	74.2	74.3	74.4	74.5	74.6	74.7	74.8	74.9	75.0
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

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

SKY COVER

STATION: 73-8 COLLE LAKE APT. CA. 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 OBS.	
		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	.4			26.1						40.6	22.6	7.2	889
	6-23	3.8			41.6						32.7	21.9	6.4	931
TOTALS		2.7			34.0						37.6	24.8	6.9	7132

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 TOTAL SKY COVER	TOTAL OBSERVATIONS
		0	1	2	3	4	5	6	7	8	9			10
AUG	1-22	13.5			53.2					23.5	19.9	2.2	69
	3-15	9.9			37.6					31.3	19.2	5.9	72
	6-28	2.8			39.2					28.8	19.2	5.6	69
	9-11	2.1			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	7.1	69
	19-21	1.7			41.5					41.5	15.2	6.5	68
	24-23	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 OBS.
		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	19.2				10.5						15.5	31.6	5.8	27.4
2-8	3.2				34.7						31.5	32.5	4.9	23.2
7-11	2.7				33.2						32.3	31.2	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	2.2				37.7						36.5	23.2	5.8	26.5
1-23	14.2				33.9						21.6	32.3	5.2	28.2
TOTALS	6.4				32.8						25.9	28.9	7.6	69.2

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/740

SKY COVER

11210 GOLF LAKE API GN
STATION STATION NAME

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			11
00-02	1.0				21.5						22.9	35.8	5.8	55
03-05	17.0				27.6						27.5	35.1	6.2	570
06-08	2.7				23.1						27.4	26.7	7.1	157
09-11	1.3				27.8						22.3	27.7	7.5	514
12-14	1.4				23.4						22.3	24.4	7.1	220
15-17	1.5				23.4						22.2	24.1	7.1	214
18-20	4.3				27.4						22.7	23.3	5.4	520
21-23	14.9				31.8						23.8	29.5	5.2	311
TOTALS	7.8				32.4						22.1	27.7	6.6	7111

UNITED STATES AIR FORCE
 WASHINGTON, D. C.
 FORM NO. 12-54 (REV. 1-55)

SKY COVER

STATION: WALLA WALLA AFB WA

1957-58

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	19.9
FEB	281	14.3	33.1	32.0	18.6
MAR	282	15.3	37.6	32.3	14.8
APR	281	16.0	37.5	32.5	14.0
MAY	281	23.7	37.0	32.5	7.8
JUN	281	33.4	33.8	32.2	1.6
JUL	281	21.0	39.7	32.4	6.9
AUG	281	17.8	35.9	32.3	14.0
TOTALS	2819	20.2	36.0	32.5	11.3

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/PAC

SKY COVER

12-00 SLO LAKL 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	892
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	892
12-14	1.0				22.7						13.3	41.3	7.2	892
12-17	2.0				22.1						11.2	37.7	2.5	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
 U.S. AFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

7 12 7 GOLF LAKE APT CA 72-82 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	2.7	7172
FEB		22.6			22.7						24.5	34.2	5.5	6974
MAR		22.8			22.1						27.2	22.3	2.6	7227
APR		22.8			21.9						22.6	22.6	2.7	6884
MAY		22.7			34.2						37.6	24.6	2.2	7132
JUN		22.2			35.7						42.7	22.1	2.2	6691
JUL		22.2			41.7						32.2	17.1	2.4	6991
AUG		22.6			32.1						37.6	17.9	2.4	7141
SEP		22.4			22.6						25.9	28.9	2.6	6925
OCT		22.2			22.4						22.1	27.7	2.6	7211
NOV		22.2			22.9						24.2	36.2	2.6	6977
DEC		22.7			22.3						24.4	42.7	7.2	7194
TOTALS	7.6				22.1						31.2	29.2	2.7	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	16.973	16.890	12.162	13.370	9.964	7.601	6.795	6.662	10.123	10.433	14.111	15.362	25.297
TOTAL HOURS	310	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
55							.3						.3
50						1.7	5.3	2.6					3.4
45					1.6	11.2	32.6	19.4	.3				34.4
40				1.7	9.4	40.2	76.0	49.7	6.3	.3			15.3
35				4.3	28.2	74.2	95.7	77.7	30.7	3.2			26.1
30				9.3	49.8	89.7	99.7	89.0	59.7	12.3			34.1
25				23.0	76.1	98.6	100.0	98.1	32.3	33.9	2.0		42.0
20	.3	.7	1.6	29.7	92.8	100.0		99.0	89.0	44.2	2.7		45.9
15	1.0		4.5	51.3	92.2			100.0	96.3	66.8	9.4	.6	52.0
10	3.9	3.9	14.8	77.3	97.7				99.2	86.5	25.1	2.9	59.3
5	5.5	9.9	25.2	88.3	100.0				99.7	93.2	41.1	6.1	64.0
0	10.3	18.6	43.5	92.3					100.0	99.1	54.8	13.9	69.0
-5	15.1	28.7	58.4	93.3						100.0	67.2	24.2	74.3
-10	26.1	35.8	68.1	95.0							76.3	41.6	78.7
-15	36.5	48.2	79.4	96.3							82.9	55.2	83.2
-20	43.2	58.5	85.5	98.0							88.3	62.9	86.4
-25	51.9	70.2	90.0	99.3							94.2	72.9	89.9
-30	64.2	80.5	95.2	99.7							97.7	81.0	93.0
-35	73.2	86.9	97.4	100.0							99.3	87.7	95.4
-40	82.6	91.8	99.7								100.0	91.3	97.1
-45	91.9	97.2	100.0									95.6	95.7
-50	96.1	98.9										98.4	99.4
-55	98.7	99.6										99.4	99.6
-60	99.7	100.0										100.0	100.0
-65	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	3535

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					1.2
65				1.3	2.3	14.4	33.6	20.6	1.7				5.2
60				2.7	12.6	34.4	72.7	41.9	9.7	.6			14.0
55				7.0	33.7	70.4	96.4	71.9	29.3	4.8			26.1
50				13.3	55.3	94.2	100.0	90.3	57.3	12.9			35.2
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	7.2		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	24.220
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	85	93	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	85	91	88	63	57	39	21
82	18	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

7:1200 COLD LAKE APT CN
 STATION

73-82
 STATION NAME

YEARS

JAN
 MONTH

PAGE 1 0000-0200

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
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}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						± 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAF/TAC FORM 0 26 3 01A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 74

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														

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	-0.9	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 7 (JUN 71) 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 JAN
 STATION STATION NAME YEARS
 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 J0 COLD LAKE APT ON

73-82

JAN

STATION STATION NAME

YEARS

PAGE 1 1900-11 J0

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																			
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
35/ 33	.1	.3	.3	.3																													10	10		7
33/ 31		.1	.5																														5	5		6
33/ 29		.5	.5																														8	8		7
30/ 27		1.6	.9																														22	22		10
27/ 25	.5	1.1	.3																														17	17		23
24/ 23	.2	1.3																															13	13		15
22/ 21	1.5	.5	.1																														14	14		24
21/ 19	.2	.7	.1																														9	9		9
17/ 17	1.1	1.1	.1																														21	21		20
15/ 15	1.4	.9																															20	21		21
14/ 13	2.8	2.7																															49	49		41
13/ 11	1.7	2.3																															35	35		30
10/ 9	2.3	1.6																															34	34		40
7/ 7	1.7	1.7																															30	30		28
5/ 5	1.6	2.3																															34	34		30
4/ 3	1.5	2.3																															33	33		42
2/ 1	1.6	2.7																															38	38		31
2/ -1	2.7	.6																															29	29		38
-2/ -3	3.2	.3																															31	31		36
-4/ -5	4.7	.8																															48	48		43
-6/ -7	3.5	.1																															33	33		37
-8/ -9	4.3																																35	35		36
-11/-11	3.5																																31	31		31
-12/-13	2.8																																25	25		25
-14/-15	3.5																																31	31		31
-16/-17	2.8																																25	25		25
-18/-19	3.6																																32	32		32
-20/-21	3.5																																31	31		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																									
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 1970-1100
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																				
-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		1	6		
-48-49																																						2		2	6
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.						$\leq 0 F$	$\leq 32 F$	$\approx 67 F$	$\approx 73 F$	$\approx 80 F$	$\approx 93 F$	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
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PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 JAN 1200-1400
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
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													
																				890		890													

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4291422	60852	68.4	2.129	890	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
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
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PSYCHROMETRIC SUMMARY

71200 COLD LAKE APT CN

73-82

JAN

PAGE 2 1670-2700

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																												
27/-29	.7																																	8	8	8	29																												
27/-31	.2																																	2	2	2	17																												
27/-33																																					19																												
34/-35																																					18																												
36/-37																																					40																												
28/-39																																				3																													
41/-41																																				1																													
TOTAL	57.83	7.8	6.9	1.5	.1																													888	889	888	968																												
																															888		888																																
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature											Total																																																
Rel. Hum.	4481758	62246	70.11	1.559	888	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F																																																						
Dry Bulb	57455	1987	2.216	.880	888	44.5	89.5																														93																												
Wet Bulb	231460	1320	1.516	.285	888	45.2	91.3																													93																													
Dew Point	312085	-48.7	-5.417	.958	888	59.9	93.1																													93																													

USAFETAC FORM 0-26.3 OL A PREVIOUS EDITIONS OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
 STATION STATION NAME

73-82
 YEARS

JAN
 MONTH

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Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dr. Bulb	Wet Bulb	Dew Point														
42/41				.1														1	1																
47/39			.1	.3														4	4																
52/37			.4															4	4																
56/35		.1	.4	.3														8	8		3														
64/33		.2	.3	.2														7	7		9														
72/31		1.0	.8															16	16	10	2														
77/29	.3	.7	.4	.1														14	14	17	8														
88/27	.3	1.4	1.1															26	27	19	11														
88/25	.2	1.1	.1															13	13	15	20														
24/23	.7	.6	.1															12	12	26	16														
22/21	.9	1.2	.1															19	19	17	19														
21/19	.7	1.7																21	21	23	17														
14/17	.9	1.7	.4															27	27	25	15														
16/15	1.3	1.1																22	22	22	23														
14/13	1.7	2.8	.3															43	43	30	44														
17/11	1.1	2.3	.1															32	32	34	21														
17/9	2.9	3.7																60	61	51	22														
8/7	1.7	1.9																32	32	45	39														
4/5	1.2	1.5																25	25	27	28														
4/3	1.7	2.5																38	38	39	31														
2/1	1.1	3.0																37	37	40	34														
7/ -1	2.2																	20	20	29	37														
-7/ -3	2.3																	21	21	21	28														
-4/ -5	3.1	1.2																39	39	38	34														
-8/ -7	3.7																	34	34	35	26														
-8/ -9	3.7																	34	34	34	23														
-10/ -11	4.0																	36	36	36	17														
-12/ -13	4.3																	39	39	39	21														
-14/ -15	4.2																	38	38	38	32														
-16/ -17	3.1																	28	28	28	21														
-18/ -19	3.4																	31	31	31	30														
-20/ -21	2.5																	23	23	23	30														
-22/ -23	3.2																	29	29	29	53														
-24/ -25	1.9																	17	17	17	39														
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 (O-LA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE (JUN 71)

GLOBAL CLIMATOLOGY BRANCH
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 AIR WEATHER SERVICE/MAO

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
STATION STATION NAME

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YEARS

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PAGE 2 2100-2300

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													
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	928													

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.	4787684	65082	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 JUN 71 0-26-3 (OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)

GLOBAL CLIMATOLOGY BRANCH
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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
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 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
STATION STATION NAME

73-82
YEARS

JAN
MONTH

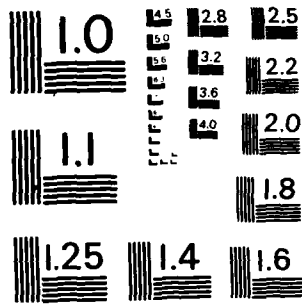
PAGE 2

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	167	
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	

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.	36550460	503360	70.6	1.979	7123							
Dry Bulb	2189539	4387	.6	7.495	7147	376.3	719.1					744
Wet Bulb	1994211	-161	.2	6.733	7123	363.5	733.5					744
Dew Point	2785464	-48460	-6.8	8.569	7123	459.9	742.7					744

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



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 73-92 FEB
 STATION STATION NAME YEARS MONTH
 PAGE 1 0000-0200
 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
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																													
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 COLD LAKE APT CN 73-82 FEB
 STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500
 HOURS 5-7

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

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100

HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
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.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																									
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 0900-1100
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	De- 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	Total																							
Dry Bulb	252366	4798	6.0	16.7	802	32.9	80.3					84																							
Wet Bulb	219933	4011	5.0	15.7	802	33.8	82.2					84																							
Dew Point	238196	-1298	-1.6	17.1	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

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																													
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 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												816		814		
																	814		814			

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_x^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3337926	51448	63.2	10.298	814							
Dry Bulb	361472	10606	13.0	16.564	814	22.3	70.6					84
Wet Bulb	281219	8959	11.0	14.987	814	22.8	78.6					84
Dew Point	215083	2113	2.6	16.056	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						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) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7:1200 COLD LAKE APT CN 73-82 FEB
 STATION STATION NAME YEARS
 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.	Wet Bulb Dep. Point																			
20/-21																																						17
22/-23																																						34
24/-25																																						9
26/-27																																						10
28/-29																																						4
31/-31																																						1
TOTAL	16.9	45.1	17.1	15.4	4.8	.7																															830	830

Element (X)	Z _x ²	Z _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.	3100279	49945	60.2	0.697	830							
Dry Bulb	429944	12924	15.6	6.608	831	19.8	66.6					84
Wet Bulb	321269	10797	13.0	4.769	830	20.6	74.7					84
Dew Point	219031	3159	3.8	5.802	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

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																							
Rel. Hum.						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

7:1200 COLD LAKE APT CN 73-82 FEB
STATION STATION NAME YEARS MONTH
PAGE 2 1970-2002
MO. HS. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	O.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	TOTAL																		
-24/-25																																						14		
-26/-27																																						19		
-27/-29																																						4		
-30/-31																																						3		
TOTAL	25.1	48.2	19.1	6.1	.5																																797	797	797	

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	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	88.0					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 2 2100-2300 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																										
26/-27	.1																	1	1	1	15																										
26/-29																					19																										
30/-31																					8																										
32/-33																					2																										
36/-37																					1																										
TOTAL	36.3	350.0	11.9	1.6	.2														824	824	824	824																									
																																824	824														

Element (X)	ΣX^2	ΣX	\bar{X}	s_x^2	No. Obs.	Mean No. of Hours with Temperature					Total		
Rel. Hum.	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F						Total	
Rel. Hum.	4153679	57891	70.3	0.251	824								
Dry Bulb	268169	7193	8.7	15.797	824	28.0	79.2						84
Wet Bulb	228593	6235	7.6	4.847	824	29.2	83.0						84
Dew Point	218253	717	9.1	6.259	824	42.2	89.0						84

9477 84321
 USAFETAC FORM 0-26-3 (O/L 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 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_n	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

PAGE 2 ALL
HOURS (L.S., Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
-21/-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	ΣX^2	\bar{X}	S_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	31370798	444972	68.6	1.466	6488							
Dry Bulb	2358314	54200	8.3	7.131	6488	239.0	615.7					672
Wet Bulb	1964781	45561	7.0	5.924	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 GOLD LAKE APT CN

73-82

MAR

PAGE 2 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																
28/-29																																					
30/-31																																					
32/-33																																					
TOTAL	39.7	51.0	7.8	1.3	.2															916																	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.	5607684	70906	77.4	1.403	916	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																									
Dry Bulb	348517	12913	14.1	3.489	916	16.9	89.0					93																									
Wet Bulb	309073	12017	13.1	2.864	916	17.4	91.5					93																									
Dew Point	253039	7493	8.2	4.476	916	24.2	93.0					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 73-82 MAR
STATION STATION NAME YEARS MONTH

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

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

73-62
YEARS

MAP
NO.

PAGE 1 0970-1100

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														
57/49					.1													1	1																
47/47				.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														
31/29	.2	2.2	2.1	.1														42	42	46	20														
29/27	.9	2.9	2.7	.1														59	59	74	54														
28/25	.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														
18/15	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						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 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

71120D COLD LAKE APT CN 73-82 MAR 1900-1100
 STATION STATION NAME YEARS PAGE 2

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/-19																																				16	
17/-21																																					11
22/-23																																					9
24/-25																																					8
26/-27																																					2
TOTAL	14.85	2.72	2.4	7.2	2.8	.1																														899	

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

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	4398518	61862	68.8	2.560	899	10.0	77.9					93
Wet Bulb	406470	15582	17.3	2.324	899	10.6	84.6					93
Dew Point	267127	9435	10.5	3.682	899	19.8	92.0					93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-32

MAP

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																				
47/53																																			1	1						
47/51																																				1	1					
47/49							.5	.7	.4																										17	17						
47/47						1.1	1.0	.2																											21	21						
47/45					.7	1.1	.3	.1																											20	20						
44/43					1.0	1.1	1.6																													33	33	3				
42/41				.5	2.3	2.4	.1																													49	49	10				
40/39	.1	.2	.8	1.4	2.6	.1																														47	47	24	1			
38/37		.3	.7	1.8	.7																															31	31	38				
36/35		.4	1.7	2.4	.1	.1																														43	43	45	2			
34/33		.4	2.6	3.1	.1	.1																														57	57	78	5			
32/31	.1	1.2	4.6	1.2	.2																															66	66	67	30			
30/29	.3	1.6	2.9	.6																																48	48	53	37			
28/27		1.2	2.4	.4																																37	37	81	46			
28/25	.2	1.4	3.9	.3																																	44	44	48	52		
24/23		1.4	3.3	.1																																	44	44	39	64		
22/21	.4	2.4	3.7	.1																																	60	60	49	71		
20/19	.3	2.0	1.9	.3																																	41	41	70	61		
18/17	.1	2.0	1.2																																	30	30	53	46			
16/15	.1	.6	1.6																																	20	20	30	46			
14/13		2.8	2.3																																		46	46	22	64		
12/11		2.3	1.0																																		30	30	32	38		
10/9	.3	2.6	.4																																		30	30	43	41		
8/7		1.6	.3																																		17	17	30	37		
6/5		1.7																																			15	16	15	37		
4/3		1.2																																			11	11	21	22		
2/1		1.6																																			14	14	12	25		
0/-1	.2	.6																																			7	7	16	18		
-2/-3	.1	.6																																			8	8	9	16		
-4/-5		.8																																			7	7	6	33		
-6/-7		.2																																			2	2	2	19		
-8/-9	.2																																				2	2	3	13		
-10/-11																																								13		
-12/-13																																									5	
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total																														
Rel. Hum.						0 F	32 F	67 F	73 F	80 F	93 F																															
Dry Bulb																																										
Wet Bulb																																										
Dew Point																																										

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7112JD COLD LAKE APT CN
STATION STATION NAME

73-82
YEARS

MAR
MONTH

PAGE 1 1500-1700
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point													
52/ 51						.1	.7	.2										9	9																
50/ 49					.9	1.5	.6											27	27																
48/ 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															
40/ 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						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																								
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	18.7	15.5	6.3	1.7	.2													935	936	935	935														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_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.	2936064	50092	55.4	13.447	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

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

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														
28/27	.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	3.5	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 1920-2000
 PAGE 2 1820-2000

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																
18/-19																																			6
20/-21																																			6
22/-23																																			1
TOTAL	3.5	36.7	34.8	15.7	7.7	1.6	.1																											892	
																																		892	

Element (X)	$\Sigma X'$	ΣX	\bar{X}	s^2	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	3584733	55265	62.0	3.431	892		2.5	64.5				93
Wet Bulb	729388	19842	22.2	10.573	892	3.1	75.8					93
Dew Point	539190	12272	13.8	2.320	892	14.7	92.4					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

7:1200 COLD LAKE APT CN
 STATION STATION NAME

73-82
 YEARS

MAR
 MONTH

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^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
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 YEAR 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														
22/-23																																		4	
24/-25																																		3	
26/-27																																	2		
TOTAL	12.5	52.9	26.0	7.5	1.0																									902		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.	4491624	62608	69.5	2.524	901							
Dry Bulb	535173	18971	21.0	2.294	902	6.7	77.6					93
Wet Bulb	439520	17072	18.9	1.355	901	7.7	85.6					93
Dew Point	290502	11092	12.3	1.079	901	18.7	92.7					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

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
38/ 37	.0	.2	.9	1.3	.3																														199	199		126
36/ 35		.4	1.4	1.2	.2	.1																													233	233		215
34/ 33	.1	1.0	1.9	1.2	.2	.0																													320	320		375
32/ 31	.1	1.7	4.3	1.0	.1																														529	529		402
30/ 29	.4	2.2	1.8	.4	.0																														352	352		360
28/ 27	.6	2.9	2.1	.4																															428	428		588
26/ 25	.6	3.2	1.5	.2																															396	397		421
24/ 23	.3	3.3	1.7	.1																															389	389		440
22/ 21	1.1	2.8	1.4	.0																															381	381		496
20/ 19	1.0	2.7	1.1	.1																															351	351		424
18/ 17	.6	3.4	.9																																352	352		443
16/ 15	1.0	2.6	.7																																307	307		340
14/ 13	1.0	4.2	1.0																																453	453		319
12/ 11	.7	2.6	.6																																283	283		344
10/ 9	1.0	1.9	.2																																226	226		296
8/ 7	.6	1.8	.1																																182	182		211
6/ 5	.6	1.9	.0																																177	179		183
4/ 3	.4	1.7																																	152	152		204
2/ 1	.4	1.6																																	147	147		172
0/ -1	1.3	.4																																	122	122		156
-2/ -3	.9	.7																																	118	118		128
-4/ -5	.8	.8																																	116	116		102
-6/ -7	.6	.4																																	75	75		83
-8/ -9	1.0																																		71	71		82
-10/ -11	.5																																		37	37		37
-12/ -13	.6																																		41	41		41
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 73-82 MAR
 STATION STATION NAME YEARS MONTH
 PAGE 2 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														
-14/-15	.4																	29	29	29	135														
-16/-17	.3																	21	21	21	83														
-17/-19	.3																	23	23	23	79														
-20/-21	.2																	17	17	17	66														
-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														

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

Element (X)	Σx^2	Σx	\bar{x}	σ_A	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	34980293	490745	68.114774		7209	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	4492542	148654	20.614075		7212	71.2	598.1					744
Wet Bulb	3534270	131436	18.212564		7209	76.3	658.7					744
Dew Point	2227428	80466	11.213580		7209	156.4	740.7					744

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														
39/ 37	.1	1.2	4.0	1.2	.9													63	63	45	15														
38/ 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														
27/ 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														
21/ 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 COLD LAKE APT CN

73-82

APR

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}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.								$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$																								
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
TIME RANGE

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	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 Bulb	Wet Bulb	Dry Bulb				
-7/-9	.2																	2	2	3	9				
-11/-11	.2																	2	2	2	9				
-17/-13	.2																	2	2	2	4				
-14/-15																					4				
-20/-21																					4				
-22/-23																					2				
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}	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.	4880535	63751	73.9	4.091	863							
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 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CA

73-62

APP

STATION

STATION NAME

YEARS

PAGE 1 7600-0800

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																
66/66																																		2	2		
64/63																																		2	2		
61/59																																		2	2		
61/57																																		6	6		
59/55																																		2	2		
54/53																																		6	6		
52/51																																		11	11		
51/49																																		20	20		3
47/47																																		19	19		4
47/45																																		36	36		16
44/43																																		33	33		21
42/41																																		42	42		30
41/39																																		49	49		47
37/37																																		46	46		49
37/35																																		66	66		73
34/33																																		83	83		74
32/31																																		131	131		95
30/29																																		61	61		176
27/27																																		60	61		99
27/25																																		44	44		63
24/23																																		23	23		46
22/21																																		20	20		24
21/19																																		19	19		21
19/17																																		2	2		13
18/15																																		4	4		4
14/13																																		5	5		3
12/11																																		7	7		6
11/9																																		6	6		6
11/7																																		4	4		5
11/5																																		6	6		6
11/3																																		7	7		8
11/1																																		5	5		7
11/-1																																		5	5		5
10/-3																																		5	5		5
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																										
Dry Bulb						≤ 0 F	1-32 F	33-67 F	68-73 F	74-80 F	81-93 F																										
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 10 26 3 OLA 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 NAME

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}	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.	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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CA

73-82

APR

STATION

STATION NAME

YEARS

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. WB.	Dry Bulb	Wet Bulb	Dew Point		
77/ 77																																			1	1		
76/ 75																																			1	1		
74/ 73																																			3	3		
72/ 71																																			3	3		
70/ 69																																			5	5		
68/ 67																																			8	8		
66/ 65																																			3	3		
64/ 63																																			12	12		
62/ 61																																			13	13		
60/ 59																																			14	14		
58/ 57																																			19	19		
56/ 55																																			16	16	1	
54/ 53																																			30	30	5	
52/ 51																																			37	37	9	
50/ 49																																			59	59	18	
48/ 47																																			50	50	29	2
46/ 45																																			63	63	43	4
44/ 43																																			55	55	49	7
42/ 41																																			53	53	52	8
40/ 39																																			53	53	88	14
38/ 37																																			50	50	77	21
36/ 35																																			53	53	66	38
34/ 33																																			52	52	94	47
32/ 31																																			55	55	72	105
30/ 29																																			24	24	42	85
28/ 27																																			30	30	48	133
26/ 25																																			13	13	31	87
24/ 23																																			9	9	17	70
22/ 21																																			5	5	13	55
20/ 19																																			6	6	5	41
18/ 17																																			6	6	5	27
16/ 15																																			5	5	8	15
14/ 13																																			8	8	3	24
12/ 11																																			8	8	7	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																																						

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711230 COLD LAKE APT CN
STATION STATION NAME

73-87
YEARS

APR
MONTH

PAGE 7 2920-1100
DATE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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
-12/ -13																																					2
-14/ -15																																					2
-16/ -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	655	455

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7112 JD COLO LAKE APT CN

73-82

APR

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

Element (K)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	2340976	41654	48.2	9.638	864		13.5	6.4	2.5	.4		90
Wet Bulb	1976753	39567	37.1	9.472	864		21.2					90
Dew Point	618153	21609	25.0	9.489	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

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														.2	.2			4	4																
82/ 81														.5				5	5																
80/ 79														.2	.1			3	3																
78/ 77													.5					4	4																
76/ 75										.1	.1		.2	.3				7	7																
74/ 73									.2	.2	.6							9	9																
72/ 71									.1									1	1																
70/ 69								.3	.7	.5	.6							18	18																
68/ 67								.1	1.7	.8	.7	.3						34	34																
66/ 65								.6	.6	1.3								15	15																
64/ 63								.6	1.1	1.1								25	25																
62/ 61							.6	.6	.6	1.7								30	30																
60/ 59							.3	1.1	.8	.1								21	22																
58/ 57						.1	.3	1.2	1.1	.5								27	27	2															
56/ 55					.2	.3	.7	1.7	1.2									37	37	13															
54/ 53		.1		.1	.7	1.2	.8	2.0	.7									50	50	30															
52/ 51		.1	.1	.1	.3	.7	1.6	1.2	.3									40	40	20															
50/ 49					1.5	2.8	4.4	.8	.1									86	86	35	2														
48/ 47		.1	.2	.2	1.1	1.2	.8											33	33	43	1														
46/ 45		.3	.8	1.4	2.9	3.2	.8											83	83	39	1														
44/ 43		.7	.5	1.6	1.7	1.6	.7											59	59	65	3														
42/ 41		.9	.7	1.8	.3	.3	.2											38	38	84	9														
40/ 39	.1	.1	1.0	1.5	.3	.7												33	33	103	20														
38/ 37	.1	.8	.9	.6	.5	.3												28	28	104	31														
36/ 35		1.4	1.2	1.4	.5													39	39	89	35														
34/ 33	.2	1.1	1.6	.6	.2													33	33	67	39														
32/ 31	.1	1.4	1.6	1.1														37	37	39	95														
30/ 29		.6	.8	1.2														23	23	39	70														
28/ 27		.3	.7	.2														11	11	23	101														
26/ 25			.3															3	3	25	94														
24/ 23		.2	.3	.5														9	9	11	63														
22/ 21		.3	.1	.7														10	10	9	69														
20/ 19			.5	.6														9	9	5	64														
18/ 17			.1															1	1	5	41														
Element (X)	Z _X ²	Z _X		X	X ²	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 STATION COLD LAKE APT CN STATION NAME 73-82 YEARS APR MONTH
 PAGE 2 1500-1700 HOURS

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																				
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	3	
4/ 3																																					3	5	
2/ 1																																						5	5
0/ -1																																						5	5
-2/ -3																																						7	7
-4/ -5																																						6	6
-6/ -7																																						1	1
-8/ -9																																						3	3
-10/ -11																																						1	1
-12/ -13																																						1	1
-14/ -17																																						2	2
-16/ -19																																						1	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																						883	883	
																																						883	883

Element (X)	$\sum X^2$	$\sum X$	\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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7:12 J0 COLD LAKE APT CV

73-82

APP
 MONTH

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																											.7	.0							5	5														
82/ 81																											.1	.0							8	8														
80/ 79																										.0	.1	.0							8	8														
78/ 77																										.0	.1	.0								12	12													
76/ 75																										.0	.1	.1								18	18													
74/ 73																										.0	.2	.0								21	21													
72/ 71																										.0	.0	.0								14	14													
70/ 69																											.1	.2	.1	.1							34	34												
68/ 67																											.1	.5	.3	.4	.1						93	93												
66/ 65																											.1	.2	.2	.3	.0						56	56												
64/ 63																											.1	.3	.5	.3							84	84												
62/ 61																										.1	.1	.4	.4	.3							103	103												
60/ 59																										.0	.2	.3	.5	.3	.0						91	92												
58/ 57																										.0	.3	.4	.6	.4	.1						129	129		4										
56/ 55																										.1	.4	.5	.6	.4							144	144		70										
54/ 53																										.0	.2	.9	.6	.7	.2						186	186		67										
52/ 51																										.0	.6	1.0	.5	.1							207	207		87										
50/ 49																										.0	1.6	1.4	2.0	.3	.0						419	419	123	8										
48/ 47																										.0	1.4	1.1	.5	.0							282	282	199	7										
46/ 45																										.1	1.4	1.4	.2								404	404	241	24										
44/ 43																										.0	1.3	1.3	.8	.2							370	371	332	57										
42/ 41																										.0	1.3	1.3	.8	.2							350	350	384	84										
40/ 39																										.2	1.1	1.1	.3								386	386	557	109										
38/ 37																										.2	1.1	1.1	.6	.1							389	389	574	170										
36/ 35																										.3	1.7	1.7	.4	.1							442	442	693	262										
34/ 33																										.2	1.7	1.7	.3								507	507	667	332										
32/ 31																										.8	1.7	1.7	.3								650	651	626	774										
30/ 29																										.4	1.7	1.7	.3								347	347	569	557										
28/ 27																										.6	1.7	1.7	.3								303	304	514	888										
26/ 25																										.3	1.4	1.4	.5	.0							159	159	318	745										
24/ 23																										.2	1.4	1.4	.4	.1							116	116	210	580										
22/ 21																										.2	1.4	1.4	.4	.1							98	98	151	522										
20/ 19																										.2	1.4	1.4	.4	.1							73	73	98	454										
Element (X)																																																		
Rel. Hum.																																																		
Dry Bulb																																																		
Wet Bulb																																																		
Dew Point																																																		

USAFETAC FORM 10263 01A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CV
STATION STATION NAME

73-02
YEARS

APR
MONTH

PAGE 7

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.	D.B. W.B.	Wet Bulb	Dew Point														
16/ 17	.0	.2	.2	.0														31	31	46	792														
15/ 15	.0	.2	.2	.0														31	31	46	252														
14/ 13	.1	.6	.3															67	67	45	232														
12/ 11	.1	.4	.1															45	45	54	84														
10/ 9	.1	.4	.1															41	41	46	78														
9/ 7	.1	.2	.1															29	29	42	68														
8/ 5	.1	.3	.0															27	27	33	30														
4/ 3	.1	.3																26	26	35	36														
2/ 1	.1	.3																23	23	31	36														
1/ -1	.3																	18	18	25	47														
-1/ -3	.1	.0																12	12	12	41														
-4/ -5	.2	.1																19	19	17	55														
-6/ -7	.1	.0																12	12	12	21														
-8/ -9	.1																	8	9	10	39														
-10/ -11	.0																	3	3	3	31														
-10/ -13	.0																	2	2	2	16														
-14/ -15																					8														
-16/ -17	.0																	1	1	1	5														
-18/ -19																					6														
-20/ -21																					12														
-22/ -23																					3														
TOTAL	6.4	23.2	2.1	3.6	7.3	7.9	6.1	4.3	3.2	1.6	.7	.5	.3	.3	.1			6908		6904															
																	6924		6974																

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	
Rel. Hum.	274535d5	411739	59.62	0.491	6924						
Dry Bulb	1188460	270190	39.1	3.791	6924	7.8	223.4	22.3	7.6	1.5	720
Wet Bulb	8342627	229573	33.3	0.133	6924	8.6	307.2				722
Dew Point	4768148	168040	24.3	9.912	6924	29.5	1612.3				722

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

PSYCHROMETRIC SUMMARY

STATION: COLD LAKE AIR CA
 STATION NAME:

73-52

YEARS

MAY
 MONTH

PAGE 1 0000-0000

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																				
67/49																																	3	3						
67/57																																		2	2					
67/55																																		2	2					
64/52												.2	.7																					7	7					
67/62		.1		.1			.2	.6																											9	9				
71/59	.1	.2	.1	.6	.4	.6	.1	.3																											22	22	4	1		
71/57	.1	.2	.4	.4	.3	.7	.9	.4																											32	32	3	4		
67/55		.3	.7	.3	.5	.7	.7	.1																											27	27	6			
67/53		1.0	.7	.7	.4	.3	.5	.1																											38	38	19	1		
67/51		1.7	1.9	1.4	1.7	.8	.5																												72	72	34	12		
67/49	.2	2.4	3.2	2.2	2.1	1.9	.1																												110	110	57	40		
67/47	.1	2.6	1.5	1.7	1.7	.6	.1																												59	59	55	27		
67/45	.7	2.4	2.1	1.9	1.4	.2																													79	79	92	45		
64/43	1.1	4.6	2.3	1.4	.9	.1																													95	95	54	61		
67/41	.8	5.3	1.8	1.8	.7																															93	93	114	63	
67/39	.3	2.3	2.0	1.5	.7																															67	67	117	71	
67/37	.3	2.1	1.4	.9	.4																															47	47	70	98	
67/35	.1	1.9	1.5	.9	.4																															44	44	77	62	
64/33	.2	1.2	.4	.3	.3																															23	23	55	66	
67/31	.5	.4	2.0	.9																																35	35	31	77	
67/29		1.2	.5																																	16	16	20	70	
67/27	.2	.1																																		3	3	35	67	
65/25		.4																																		4	4	11	37	
64/23		.7																																		6	6	4	25	
67/21		.1																																		1	1	5	12	
67/19																																								
67/17																																								
65/15																																								
64/13																																								
67/11																																								
67/9																																								
TOTAL	4.9	1.5	3.4	1.7	1.4	6.0	3.5	1.4	.9																												906	906	906	

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	4834439	64127	72.8	8.070	906	≤ 0 F	0-32 F	32-67 F	67-73 F	73-80 F	≥ 80 F	
Dry Bulb	1898072	43814	45.0	8.106	906		6.7	.5				93
Wet Bulb	1543946	36868	40.7	6.947	906			11.1				93
Dew Point	1191948	31910	35.2	8.672	906			35.5				93

UFAFETAC FORM JUN 71 6-26 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 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	1146052	31228	34.7	8.339	900		18.9					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

71120 GOLD LAKE APT CV 73-30 MAY
 STATION STATION NAME YEARS
 PAGE 1 0600-1800

USAFETAC FORM 0 26 3 OLA 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																
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		2		
50/55	.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		
43/47	.3	2.0	3.3	1.9	2.0	.6	.1																									82	82	74	41		
41/45	.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		
41/39	.2	2.0	1.4	1.1	.4	.1																										48	48	126	71		
37/37	1.4	1.7	1.4	.6	.6																											49	49	61	71		
36/35	.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		
10/15																																			5		
14/13																																			6		
TOTAL	6.3	27.3	21.7	20.5	13.9	5.0	4.4	.6	.3																									879	887	879	879

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4669446	62200	70.9	7.099	879	≤ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200
 STATION

COLD LAKE APT CN
 STATION NAME

73-82
 YEARS

YEARS

MAY
 MONTH

PAGE 1 1970-1100

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															
77/79													.1																			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	.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	.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	2.9	.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	43	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	6	61	
26/25		.2																														2	2	6	29	
24/23																																			4	32
22/21																																			17	17
20/19																																			16	16
18/17																																			14	14
16/15																																			10	10
14/13																																			6	6
12/11																																			2	2
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel Hum						< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F																									
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0 26 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

73-82
YEARS

YEARS

MAY
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																				
10/9																																			3						
TOTAL	1.5	10.9	13.0	11.5	16.4	15.5	13.8	9.6	6.2	2.7	1.3	.4	.1																						891	889	889				
																																								879	889

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.	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		38.9					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
 STATION

COLD LAKE APT CN
 STATION NAME

73-82
 YEARS

MAY
 MONTH

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.	Dry Bulb	Wet Bulb	Dew Point		
147	15																																					7
147	13																																					11
177	11																																				3	
137	9																																				2	
77	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)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	Total
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																																					
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

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	
7/ 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

PSYCHROMETRIC SUMMARY

7:1253 COLD LAKE APT CN 73-82 YEARS MAY
STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000
MOON

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																			
47/83																																			1	1				
47/81																																				1	1			
57/79																																				6	7			
74/77																																				4	4			
76/75																																				12	12			
74/73																																				16	16			
77/71																																				26	26			
77/69																																				40	40			
66/67																																				74	74			
66/65																																				48	48			
64/63																																				64	64			
62/61																																				56	56		4	
67/59																																				57	57		17	
58/57																																				56	56		31	
58/55																																				49	40		54	
54/53																																				69	69		77	
52/51																																				56	56		97	
57/49																																				96	96		100	
48/47																																				41	41		56	
48/45																																				46	46		100	
44/43																																				20	27		115	
42/41																																				16	16		96	
47/39																																				17	17		49	
38/37																																				4	4		26	
36/35																																				2	2		23	
34/33																																				4	4		11	
37/31																																				8	8		11	
37/29																																				4	4		7	
27/27																																				1	1		3	
26/25																																				1	1		7	
24/23																																							1	
22/21																																								
20/19																																								
18/17																																								
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																																		
Rel. Hum.						≤ 0 F	≤ 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total																												
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

USAFETAC FORM 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
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															
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	

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	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
 USAF/TAC
 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									
72/ 71									.1	.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	.1																					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								
60/ 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							
54/ 53		.6	.9	1.6	2.8	1.2	1.3	.3																								78	78	44	8						
52/ 51	.1	1.1	1.2	1.7	1.3	1.3	1.1	.1	.1																							73	73	58	20						
50/ 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						
47/ 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		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.																																									
Dry Bulb																																									
Wet Bulb																																									
Dew Point																																									

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT ON
STATION STATION NAME

73-82
YEARS

MAY

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														
74/ 83																	.0	.1											5	5					
67/ 81											.0	.0	.0	.1	.0														9	9					
67/ 79											.0	.1	.1	.0	.0														20	21					
74/ 77											.0	.1	.2	.0	.0														42	42					
76/ 75									.0	.0	.1	.1	.2	.2	.1	.0													50	50					
74/ 73								.0	.1	.1	.2	.3	.3	.1	.0														91	91					
77/ 71								.0	.1	.2	.3	.3	.2	.3	.1														103	103					
77/ 69						.0	.0	.3	.2	.7	.5	.3	.2																156	159					
65/ 67				.0	.2	.5	.4	.8	1.2	.5	.5	.1																	305	305					
66/ 65				.1	.2	.3	.5	.7	.7	.5	.2																		231	231	2				
74/ 63				.2	.5	.5	1.0	1.0	.7	.8	.1																		349	350	8				
62/ 61		.0	.1	.3	.4	.7	1.0	.4	.6	.4	.0																		284	284	19				
67/ 59	.0	.1	.2	.7	.4	.8	.5	1.0	.8	.0																			329	330	97	1			
58/ 57	.0	.2	.5	.6	.6	.8	.8	1.3	.4	.1																			372	372	135	9			
56/ 55	.0	.3	.5	.5	.8	.7	.8	.8	.3	.0																			337	337	318	24			
64/ 53	.1	.8	.8	.8	1.0	1.2	1.2	.3	.1																					451	451	423	66		
62/ 51	.2	.8	1.1	1.0	1.7	.9	.3	.3	.0																					453	453	492	147		
57/ 49	.3	1.7	2.4	1.6	2.1	1.4	.8	.2	.1																					744	744	592	352		
48/ 47	.0	1.3	1.2	1.2	1.1	.6	.3	.1																						427	427	619	299		
44/ 45	.4	2.5	1.4	1.7	.8	.4	.2	.1																						541	542	739	351		
44/ 43	.4	2.2	1.2	.9	.7	.2	.0																							408	408	640	454		
42/ 41	.4	2.5	.9	.9	.4	.1	.0																							373	373	705	514		
47/ 39	.2	1.6	1.0	.9	.4	.1																								303	303	445	520		
38/ 37	.5	1.1	.7	.4	.3	.0																								214	214	404	642		
34/ 35	.1	1.0	.6	.4	.1																									157	153	344	534		
34/ 33	.2	.7	.5	.3	.1																									120	121	254	484		
32/ 31	.3	.6	1.0	.3	.0																									160	161	171	611		
30/ 29	.2	.6	.3	.0																										79	79	101	451		
28/ 27	.3	.3	.1																											32	32	126	513		
26/ 25	.0	.3																												21	21	62	334		
24/ 23		.3																												19	19	26	223		
22/ 21	.0	.1																												6	6	23	186		
20/ 19	.0																													1	1	3	148		
18/ 17																																		117	
Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.						≤ 0 F	- 32 F	- 67 F	- 73 F	- 80 F	- 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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 CV
 STATION STATION NAME

73-32

YEARS

JUN

PAGE 1 2000-2200

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	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														
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
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PSYCHROMETRIC SUMMARY

731200 COLD LAKE APT CN
STATION STATION NAME

73-82
YEARS

JUN

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
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														
56/ 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														
47/ 47	2.1	8.2	2.7	1.0	.2													120	120	136	98														
47/ 45	1.9	7.2	1.4	.6														74	74	124	141														
44/ 43	.7	4.5	.8	.1														52	52	86	76														
42/ 41	1.2	3.2	.1															38	38	69	65														
41/ 39	.6	2.7	.7															34	34	55	58														
37/ 37	.6	1.3																16	16	32	55														
36/ 35	.7	.7	.2															14	14	15	40														
34/ 33	.4	.5																7	7	12	23														
32/ 31																					16														
22/ 29																					3														
TOTAL	11.6	55.9	19.6	8.4	3.1	1.0	.2	.1										842	842	842	842														

Element (X)	Σx^1	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 0263 OL 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	

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.	51632.7	6511.7	77.1	3.116	845							
Dry Bulb	25150.37	458.37	54.2	6.110	845			3.7	.1			90
Wet Bulb	21521.93	424.43	50.2	4.910	845							90
Dew Point	19728.29	395.27	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
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PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
 STATION STATION NAME

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
82/ 81										.1	.1							2	2																
80/ 79								.2		.2								4	4																
78/ 77						.1	.1	.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	12.1	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
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PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-07 JUN 1973
 STATION STATION NAME YEARS 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	1.7	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						926		823														
																		823		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
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PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
 STATION STATION NAME

73-82
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 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point														
88/ 87											.1					.1															4	4				
86/ 85									.2		.4	.2	.8		.1																15	15				
84/ 83												.4	.7	.4																	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	104	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	86				
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																																	2			
26/ 25																																	5			
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		834		834	
Element (X)	Σx^2	Σx	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature																														
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	2513367	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
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PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
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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													
																							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
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PSYCHROMETRIC SUMMARY

71200 COLD LAKE APT CV
 STATION STATION NAME

73-82
 YEARS

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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													
78/ 77							.1											1	1																
76/ 75							.1											1	1																
74/ 73							.1	.2										3	3																
72/ 71				.1		.6	.7	.4	.1	.1								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																								
Dry Bulb	2790525	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 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
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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																					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	.2	.1	.1	.1																		46	46		
80/ 79								.0	.0	.1	.0	.2	.2	.1																				47	47		
78/ 77								.0	.0	.1	.3	.3	.3	.0																				72	72		
76/ 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		
70/ 69		.0	.0	.1	.3	.1	1.1	.6	.7	.2	.1																							219	220	15	
68/ 67			.0	.3	.7	1.8	1.4	1.6	.7	.4	.0																							465	465	19	1
66/ 65			.0	.4	1.2	1.0	.8	.9	.6	.1																								358	358	44	3
64/ 63			.0	.4	1.0	1.4	1.4	.9	.3	.1																								454	454	91	16
62/ 61			.3	.7	1.5	1.2	1.7	1.0	.3	.0																								452	452	184	22
60/ 59		.0	.7	1.5	1.7	1.4	1.0	.5	.1																									473	475	389	69
58/ 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	1.0	.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																												525	525	922	1190
48/ 47	.4	2.7	1.2	.4	.1	.0																												321	322	765	767
46/ 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

711200 COLD LAKE APT ON
STATION STATION NAME

73-82
YEARS

JUL
MONTH

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Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
71 / 71			.1			.1												2	2																
69 / 69			.3	.1	.3		.1											5	8	1															
67 / 67		.1	.5	.1	.5	.5												16	16	1	1														
65 / 65		.5	1.1	1.0	.3	.1												27	27	5	2														
63 / 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		2.0	.2															20	20	75	62														
45 / 45	.3	.7																9	9	25	67														
43 / 43	.1	.1																2	2	9	41														
41 / 41		.1																1	1	1	12														
39 / 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^2	No. Obs.	Mean No. of Hours with Temperature					Total																								
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	4.605	883			.2				93																							
Dew Point	2391072	45742	51.8	4.937	883			.1				93																							

USAFETAC FORM 0 263 01A PREVIOUS EDITIONS 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 030W-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						
68/67		.1	.2																									3	3						
66/65					.2																							2	2	1	1				
64/63	.3	1.5	.6	1.2																								31	31	7	4				
62/61	.3	2.9	2.1	.8	.1																							56	56	21	16				
60/59	.9	3.7	2.3	.5	.2	.2																						59	69	36	29				
58/57	1.9	8.0	1.7	.8	.1																							111	111	105	47				
56/55	2.3	8.5	3.1	.1																								121	121	132	92				
54/53	2.3	9.0	2.8	.8	.1																							131	131	123	122				
52/51	1.6	9.9	2.1	.2																								123	124	132	107				
50/49	2.4	8.6	2.4	.5																								122	122	126	192				
48/47	.9	4.9	.7																									57	57	87	89				
46/45	.3	3.8																										37	37	54	64				
44/43	.7	1.0																										15	16	36	56				
42/41	.2	.1																										3	3	11	23				
40/39	.1	.1																										2	2	3	16				
38/37	.1																											1	1	1	5				
TOTAL	13.9	62.4	13.0	4.7	.9	.2																							885	987	885	985			

Element (X)	Z ₁	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.	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 ON
STATION STATION NAME

73-80
YEARS

JUL

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION F																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24	25	26-27	28-29	30	31	D.B. W.B.	Wet Bulb	Dew Point															
77/71			.1	.2	.1	.1																									5	5					
77/69			.5	.2	.2	.2																									10	10	1				
76/67			.7	.3	2.1	.3	.1																								31	31	2	1			
76/65		.5	1.7	1.5	.7	.7																									41	41	8	2			
74/63		2.2	3.1	3.9	1.4	.1																									93	93	13	13			
77/61	.7	3.2	3.7	2.1	1.0	.2																									91	91	52	23			
77/59	.3	5.6	4.3	3.1	.9	.1																									125	125	97	41			
77/57	.8	6.8	5.2	.9	.5	.3																									126	126	145	60			
57/55	.5	6.2	4.4	1.4	.7																										111	111	147	128			
74/53	.7	6.3	3.6	.7																											95	95	140	126			
72/51	1.0	4.6	2.1	.2	.1																										70	70	121	137			
57/49	1.3	3.6	1.0	.2	.1																										54	54	36	174			
46/47	.1	1.0	.1	.1																											12	12	46	64			
46/45	.2	.2	.1																												5	5	15	70			
44/43			.1																												1	1	2	13			
42/41																																		4	8		
47/39																																			6		
37/37																																			1		
36/35																																			1		
34/33																																			1		
72/31																																			1		
TOTAL	5.2	40.0	33.5	14.9	7.5	1.8	.1																									870	870	870	870		

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5733529	71215	61.9	0.947	870	≤ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total
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 10 JUN 71 0 26 3 OL A 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

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

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.	3567518	50732	65.7	4.553	873							93
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

USAFETAC 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 CN 73-82 JUL
 STATION STATION NAME YEARS
 PAGE 1 1220-1400

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														
87									.1	.2	.1							4	4																
86								.1	.5			.1						6	6																
83								.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																
75				.1	.7	.7	2.1	1.3	2.6	.8	.3							72	72																
73				.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																					14														
37																					12														
35																					5														
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	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
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PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
 STATION STATION NAME

73-82
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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 ¹	Z _x	X	P _x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	2644109	46073	52.4	6.170	880	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
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
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711200 COLD LAKE APT CN
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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																				
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	3.3	.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	.8	.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
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711200 COLD LAKE APT CN
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ALL
MOUSE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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	635	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	

Element (X)	Z _x ¹	Z _x	X	X _s	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	36940329	4914033	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

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

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

711200 STATION COLD LAKE APT CN 73-82 YEARS AUG 1900-1100
 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													
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						Total																							
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
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PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
STATION STATION NAME

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TIME PERIOD

USAFETAC FORM JUN 71 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																		
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	1.3	.4	.5																				33	33				
78/ 77						.1	.6	.2	.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																											

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
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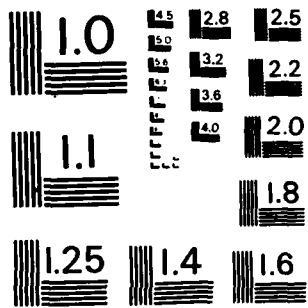
AUG

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL Dry Bulb Wet Bulb Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																
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				.2	.4																				18	18	
68/ 67				.9	1.6	1.8				.8																					45	45	
66/ 65			.3	1.8	.8	.8				.1	.1																				35	35	
64/ 63			1.8	2.0	2.3	.6				.6																					65	65	
62/ 61			1.6	2.2	2.3	.5				.3																					60	60	
60/ 59	.6	3.3	3.0	2.4	.6																										89	81	
58/ 57	.9	2.8	3.0	2.3	.4																										85	85	
56/ 55	1.2	2.8	3.3	1.7	.3																										84	84	
54/ 53	1.4	3.9	3.6	1.2	.3	.1																									95	95	
52/ 51	1.8	4.7	3.3	1.2	.1																										100	101	
50/ 49	.7	5.1	3.4	.9		.1																									92	92	
48/ 47		1.1	2.0	.2																											30	30	
46/ 45	.3	2.0	.8	.6																											33	33	
44/ 43	.1	.8	.8	.2																											17	17	
42/ 41		1.3	.3																												15	15	
40/ 39		1.0	.1																												10	10	
38/ 37		.2																													2	2	
36/ 35																																	
34/ 33																																	
32/ 31																																	
30/ 29																																	
TOTAL	7.3	52.7	51.0	17.9	6.8	2.6	1.4	.6																							899	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	899			9.3	1.2	
Wet Bulb	2534144	47404	52.7	6.222	899			2.1		
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



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
 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) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	6417974	73168	86.6	9.881	845	$\geq 0 F$	$\geq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	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 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 0900-1100
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
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	4			
56/ 55		.1	1.8	2.0	2.0	.9												61	61	35	12			
54/ 53	.1	1.1	2.2	1.9	2.4	.3												71	71	76	18			
52/ 51	1.0	1.9	2.0	3.4	.9	.1												83	83	91	36			
50/ 49	1.1	4.4	6.4	2.4	.9	.1												135	135	127	99			
48/ 47	.2	2.4	3.9	1.4	.3													72	72	125	80			
46/ 45	.2	3.4	1.7	1.6	.2													63	63	103	119			
44/ 43	.5	2.3	2.2	.2														45	45	91	89			
42/ 41	.2	2.0	1.5	.6														38	38	54	111			
40/ 39	.1	.8	1.1	.3														21	21	51	80			
38/ 37	.5	.7	.6															15	15	31	79			
36/ 35	.5	1.0	.1															14	14	25	48			
34/ 33	.1	.2	.2															5	5	11	37			
32/ 31	.1																	1	1	5	41			
30/ 29																					12			
28/ 27	.1	.1																2	2	2	7			
26/ 25			.1															1	1		3			
24/ 23		.1	.1															2	2					
22/ 21		.1																1	1					
20/ 19		.2																2	2	2				
18/ 17																					1			
16/ 15																					4			
14/ 13																					1			
TOTAL	4.8	21.3	26.6	19.5	3.3	9.6	3.1	1.1	.6	.1								881	881	881	881			
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	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	2	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
 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						.1														6	6			
76/ 75										.5	.3	.9	.5	.3					.5	.3													22	22			
74/ 73										.2	.9	.8	1.0	.1	.5				.1	.5													31	31			
72/ 71										.8	1.8	1.7	.5	.2					.5	.2													44	44			
70/ 69								.1	.6	.7	.5	.5							.5														20	20			
68/ 67						.2	.7	.9	1.9	3.3	1.5	.7							.7														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}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																										
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9	10	11	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	35			
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) 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
STATION STATION NAME YEARS MONTH

PAGE 1 ALL
NO. 85 1-6-71

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																
88/ 87														.0	.0	.0																6	5				
86/ 85														.0	.0	.1																	7	7			
84/ 83														.0																			3	3			
82/ 81														.0	.1	.0	.0	.0															13	13			
80/ 79										.0	.0	.0	.0	.0																			8	8			
78/ 77									.0	.0	.1	.0	.0																					10	10		
76/ 75								.0	.1	.1	.1	.1	.1																					37	37		
74/ 73								.1	.1	.3	.1	.2	.0	.1																				57	58		
72/ 71								.0	.2	.5	.4	.2	.1																					96	96		
70/ 69						.0	.1	.3	.4	.2	.1	.0																						79	79		
68/ 67				.1	.3	.4	.5	.8	.4	.2																								195	195		
66/ 65			.0	.2	.3	.4	.6	.5	.4	.2																								171	171	10	
64/ 63		.0	.1	.2	.5	.8	.9	.5	.2																									226	226	32	
62/ 61	.0	.0	.3	.4	.7	1.0	.6	.3	.0																									227	227	52	2
60/ 59		.2	.4	.8	.8	1.0	.5	.2																										276	276	116	5
58/ 57		.3	.5	1.3	.8	.9	.5	.1																										309	309	197	24
56/ 55	.1	.4	1.0	1.4	1.0	.7	.3	.0																										344	344	303	68
54/ 53	.3	1.0	1.4	1.5	1.2	.7	.1																											431	431	386	120
52/ 51	.6	1.7	2.1	2.0	.7	.3	.0																											527	527	583	188
50/ 49	1.5	4.5	4.7	1.7	.8	.2																												935	935	791	630
48/ 47	.7	3.0	2.9	.9	.5	.0																												557	557	617	533
46/ 45	.6	4.8	1.8	1.1	.3																													599	600	812	861
44/ 43	.9	4.1	1.2	.5	.1																													472	473	729	689
42/ 41	.5	3.6	.9	.4	.0																													385	385	572	776
40/ 39	.8	2.4	.9	.2	.0																													302	302	548	755
38/ 37	.7	1.9	.5	.0																														223	223	348	619
36/ 35	.4	2.0	.2	.0																														186	186	240	452
34/ 33	.2	1.1	.2	.0																														106	107	189	371
32/ 31	.3	.7	.2																															88	88	99	435
30/ 29	.2	.3	.0																															34	34	55	203
28/ 27	.1	.1	.1																															21	21	43	102
26/ 25		.1	.1																															11	11	6	58
24/ 23	.0	.1	.0																															13	13	15	12
22/ 21	.0	.1																																11	11	17	23
Element (X)	Σ X ²		Σ X		X	X	No. Obs.	Mean No. of Hours with Temperature							Total																						
Rel. Hum.								≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0-26-3 (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 1950-1950
STATION STATION NAME YEARS MONTH HOURS (S. T.)

PAGE 1 0000-2200
HOURS (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
STATION

COLD LAKE APT CN
STATION NAME

73-82
YEARS

OCT
MONTH

PAGE 1

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

USAFETAC FORM 0-26-3 (OL A, JUN 71) 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					
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	902					
Element (X)	Σx'	Σx	X	Σx ²	No. Obs.	Mean No. of Hours with Temperature						Total														
Rel. Hum.	5816482	71480	79.2	2.987	902	≤ 0 F	≤ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F															
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														

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	>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		888				
																			888		888				
Element (X)	Z _x ²	Z _x	\bar{X}	S _x	No. Obs.	Mean No. of Hours with Temperature					Total														
Rel. Hum.	5933364	71796	80.9	2.039	888	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total													
Dry Bulb	1112041	30677	34.5	7.759	888		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 L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/ 69										.1								1	1																
68/ 67							.2											2	2																
66/ 65							.2	.1										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	37	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)	Z _g	Z _z	X	Z _s	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																							

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

7112 JD COLD LAKE APT CN 73-82 OCT
STATION STATION NAME YEARS MONTH

PAGE 1 1200-1400
HOURS ... S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																	
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								.2												23	23			
62/ 61						.2		.8	.7		.9		.2		.1								.2												26	26			
60/ 59				.1		.1		.6	.3		.7		.3										.3												19	19			1
58/ 57				.2		.6	1.1		.9		.1												.9												26	26			7
56/ 55				1.3		1.8	2.0		.4														.4												50	50			20
54/ 53				.3		.9	1.5	2.3		.7		.2											.2												54	54			23
52/ 51			.1	1.3		1.8	2.1	1.3		.2													.2												62	62			23
50/ 49		.3	1.9	1.4		5.1	1.4	1.7		.1													.1												108	108			26
48/ 47		.3	.6	1.9		2.5	2.2		.2														.2												70	70			50
46/ 45		.3	1.1	3.4		2.4	1.1																.2												76	76			78
44/ 43		.3	1.3	2.8		1.8	.1	.3															.3												60	60			94
42/ 41	.1	.4	2.1	1.5		.7	.3																.3												47	47			112
40/ 39	.1	1.5	2.7	.4		.7																	.7												49	49			103
38/ 37	.1	1.2	2.3	1.0		.2																	.2												44	44			117
36/ 35		2.0	1.1	.4		.3																	.3												35	35			71
34/ 33	.1	.9	1.2	.3		.4																	.4												27	27			51
32/ 31	.3	.6	1.2	.2		.1																	.1												22	22			43
30/ 29		.3	.4	.1																															8	8			16
28/ 27	.1	1.8	.4																																21	21			22
26/ 25	.2	.3	1.1																																15	15			21
24/ 23	.1	.1	.2																																4	4			6
22/ 21		.7	.2																																8	8			11
20/ 19																																							10
18/ 17																																							
16/ 15																																							
14/ 13																																							
Element (X)	Z _x			Z _y			X	r _{xy}	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 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	.1									2	2																
66/ 65						.1	.3	.2	.1									7	7																
64/ 63						.1	.7	.1	.1									9	9																
62/ 61				.1	.3	.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	\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
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PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN STATION NAME

73-82 YEARS

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B. Dry Bulb	Wet Bulb	Dew Point															
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	7														
46/ 45		.9	1.9	2.3	1.6	.7												67	67	39	11														
44/ 43	.2	.8	1.3	2.5	2.0	.3												65	65	41	20														
42/ 41	.1	1.5	2.5	2.5	1.7	.2												72	72	47	39														
40/ 39	.2	1.4	3.3	2.3	1.1													76	76	76	29														
38/ 37	.3	3.5	3.5	1.6														82	82	93	50														
36/ 35	.7	3.8	3.2	.9	.1													79	79	118	47														
34/ 33	.8	4.4	2.9	.4														77	77	132	69														
32/ 31	2.1	4.3	3.1	.4														90	91	97	138														
30/ 29	.4	3.1	1.9	.1														50	50	77	103														
28/ 27	.9	1.9	2.2															45	45	50	124														
26/ 25	.4	.4	.2															10	10	37	84														
24/ 23	.2	.4	.1															7	7	19	61														
22/ 21		.5	.3															8	8	6	38														
20/ 19		.4	.3															7	7	9	35														
18/ 17		.3																3	3	8	14														
16/ 15		.2																2	2	4	10														
14/ 13	.2																	2	2	2	11														
12/ 11																					13														
10/ 9																					9														
TOTAL	6.6	29.6	29.6	16.6	2.1	4.4	1.3		.2									912	912	912	912														
Element (X)	Σx²	Σx	̄x	σx	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

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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
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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																																
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																										
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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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			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
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

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PSYCHROMETRIC SUMMARY

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

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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													
34/ 33	.1	1.8	1.1	1.0	.2													38	39			33													
32/ 31	1.4	2.2	3.0	.6														62	62			43													
31/ 29	1.5	1.8	2.0															47	47			48													
28/ 27	1.6	5.0	2.7															82	82			65													
26/ 25	2.2	5.1	.6															69	69			81													
24/ 23	1.3	4.1	.1															48	49			82													
22/ 21	1.1	3.5																41	41			62													
20/ 19	1.6	3.2	.1															43	43			51													
18/ 17	1.4	4.1																48	48			43													
16/ 15	1.8	2.8																41	41			46													
14/ 13	3.6	3.1																59	59			53													
12/ 11	1.0	.9																17	17			23													
10/ 9	1.7	.9																23	23			22													
8/ 7	1.1	1.0																19	19			16													
6/ 5	1.1	1.9																27	27			22													
4/ 3	1.5	1.4																25	25			29													
2/ 1	.5	2.2																23	23			27													
0/ -1	1.3	.1																12	12			15													
-2/ -3	1.0	.1																10	10			11													
-4/ -5	3.0																	26	26			26													
-6/ -7	1.3																	11	11			11													
-8/ -9	1.6																	14	14			14													
10/ -11	1.0																	9	9			9													
12/ -13	1.6																	14	14			14													
14/ -15	.3																	3	3			3													
16/ -17	.1																	1	1			1													
18/ -19																																			
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
 JUN 71

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PSYCHROMETRIC SUMMARY

711200 STATION COLD LAKE APT CN STATION NAME 73-82 YEARS NOV 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															11	
22/-23	.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)	ΣX^2	ΣX	\bar{X}	σ_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.	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

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PSYCHROMETRIC SUMMARY

7112-0 COLD LAKE APT CN 73-82 NOV
 STATION STATION NAME YEARS MONTH
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 HOURS PER 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														
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	4.8	6.6	2.7	.6	.1																										873	873	873	

Element (X)	Z _g	Z _w	T	° _w	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

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PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN
STATION STATION NAME

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NOV
MONTH

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FORM 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.	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	.5																										6	6		
52/ 51				.1	.6	.3	.2																										11	11		
50/ 49				.2	.9	.7	.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	Point																	
-5/-7	.7	.2																																		8	5	6	11	
-8/-9	.6																																			5	5	7	19	
-17/-11																																							9	
-17/-13																																							9	
-14/-15																																							8	
-16/-17																																							5	
-16/-19																																							4	
-22/-23																																							3	
TOTAL	15.6	39.2	17.4	12.8	8.3	4.0	2.0	.8																													873	870	670	870
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																												
Rel. Hum.	4172936	58570	67.3	16.265	870	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	90																												
Dry Bulb	774939	22743	26.1	4.465	873	5.4	57.2					90																												
Wet Bulb	587907	19947	22.9	2.258	870	5.7	69.1					90																												
Dew Point	349217	13789	15.8	2.262	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 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															
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
46/ 45		.2		1.0	.9	.8																											26	26		7
44/ 43			.1	.5	.5	.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
36/ 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																																				

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

7:1200 COLD LAKE APT CN

73-82

NOV

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.	Dr. 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	10.0	16.6	14.5	7.9	4.2	1.7	.7		.1								882		883	882														

Element (X)	Σx'	Σx	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	0-32 F	37 F	73 F	80 F	93 F	
Rel. Hum.	4154189	58771	66.6	16.4	882							90
Dry Bulb	773848	22928	26.0	4.2	883	4.7	57.5					90
Wet Bulb	585148	20072	22.8	2.0	882	4.9	71.1					90
Dew Point	341562	13654	15.5	2.1	882	13.2	87.1					90

USAFETAC FORM 0 26 3 01 A 001

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 1600-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																		
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	2.5	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			
24/23	.8	2.5	.5																										33	33	46	61			
22/21	2.0	1.7	.8																										39	39	56	42			
21/19	1.3	3.6	.2																										44	45	41	66			
19/17	1.3	2.5																											33	33	47	46			
18/16	1.2	1.7																											25	25	30	58			
16/13	.9	2.6																											39	39	26	79			
13/11	.8	1.7																											18	18	26	39			
11/9	1.9	2.2																											35	35	28	47			
9/7	1.7	1.4																											27	27	29	31			
8/5	.3	1.6																											17	17	16	20			
7/3	.7	1.5																											19	19	25	14			
6/1	.1	1.7																											10	10	14	15			
5/-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			
-13/-13	.2																												2	2	2	11			
-15/-15																																	9		

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

USAFETAC FORM 1020 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 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	1															
40/ 39		.2	.1	.9	.2	.1												14	14	7															
38/ 37		.5	.7	.9	.3													21	21	10	2														
36/ 35	.1	1.0	1.2	.5	.3													28	28	21	3														
34/ 33	.3	1.2	2.0	.7	.1													39	39	35	10														
32/ 31	1.2	2.7	3.0	1.6														76	76	53	31														
30/ 29	1.4	4.4	2.3	.2														73	73	71	32														
28/ 27	.9	4.1	2.0	.1														63	63	65	42														
26/ 25	1.6	3.5	1.2	.1														59	59	44	65														
24/ 23	1.4	2.6	.9															43	43	57	56														
22/ 21	1.7	3.8	.7															55	55	70	48														
20/ 19	1.7	3.2	.2															45	45	50	75														
18/ 17	.8	3.4																37	37	54	63														
16/ 15	1.2	1.8																27	27	28	43														
14/ 13	1.6	2.5																36	36	29	65														
12/ 11	.9	1.8																24	24	24	47														
10/ 9	2.5	1.1																32	32	39	42														
8/ 7	.5	2.3																24	24	15	35														
6/ 5	.8	1.6																21	21	24	21														
4/ 3	.6	1.0																14	14	18	11														
2/ 1	1.0	1.8																25	25	23	13														
0/ -1	2.1																	19	19	28	25														
-2/ -3	1.4																	12	12	12	12														
-4/ -5	2.3																	20	20	20	23														
-6/ -7	1.0																	9	9	9	25														
-8/ -9	1.5																	13	13	13	11														
-10/ -11	1.5																	13	13	13	10														
-12/ -13	.5																	4	4	4	13														
-14/ -15	.5																	4	4	4	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																								
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

7112 JQ 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													
14/-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		886														

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.	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 (OL 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	.0																									9	9		
54/ 53							.1	.1	.1	.0																									15	15		
52/ 51				.0	.2	.1	.1	.0																											28	28		
50/ 49				.1	.2	.2	.0	.0																											39	39		2
48/ 47			.1	.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 24.0

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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}	s_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 STATION COLD LAKE APT CN STATION NAME 73-62 YEARS DEC MONTH
 PAGE 2 1000-0200 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	.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
 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
42/ 41			.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 01 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 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

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711207 COLD LAKE APT ON

73-82

DEC

STATION

STATION NAME

YEARS

PAGE 1 1273-1400

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													
4 / 45		.2																2	2																
4 / 43		.1	.3															4	4																
4 / 41				.1														2	2		1	2													
4 / 39			.1	.7														7	7		3	1													
4 / 37		.1	.4	.1														6	6																
4 / 35		.3	1.1															13	13		5	3													
3 / 33		.3	.7	.1														10	10		17														
3 / 31		.3	1.1															13	13		15	2													
3 / 29	.2	1.7	1.2	.2														30	30		13	12													
3 / 27	.4	2.0	1.6	.1														37	37		29	13													
3 / 25	.4	1.7	.8															26	26		31	30													
3 / 23	.4	3.5	.9															43	44		36	17													
3 / 21	.9	1.5	.1															25	25		51	29													
3 / 19	1.1	3.5	.4															53	53		56	31													
3 / 17	1.5	2.8	.1															35	35		43	30													
3 / 15	1.7	2.8																40	40		48	42													
3 / 13	1.2	4.6																52	52		34	31													
3 / 11	1.2	3.6	.1															44	45		49	36													
3 / 9	1.6	5.7																65	65		45	49													
3 / 7	.8	4.9	.1															52	52		55	36													
3 / 5	.3	3.0																21	22		44	37													
3 / 3	.8	3.6																39	39		49	39													
3 / 1	.1	2.5																23	23		25	33													
3 / -1	3.9	.1																36	36		38	34													
3 / -3	1.9	.7																23	23		22	34													
3 / -5	2.3	.2																29	29		29	42													
3 / -7	1.7	.2																17	17		18	27													
3 / -9	3.5																	31	31		32	22													
1 / -11	2.7																	26	26		26	23													
1 / -13	1.9																	17	17		17	14													
1 / -15	1.6																	14	14		14	15													
1 / -17	1.8																	16	16		16	17													
1 / -19	.9																	8	8		8	24													
1 / -21	1.0																	9	9		9	26													
Element (X)	ΣX^2	ΣX	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0 26 3 Q 1 A 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															
37/-37	.1																	1	1	1		3															
37/-39																						5															
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						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4332204	55716	73.4	10.938	895							
Dry Bulb	287347	8433	9.4	15.233	898	26.2	88.4					93
Wet Bulb	251746	7530	8.4	14.517	895	25.6	90.1					93
Dew Point	241179	2211	2.5	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

STATION

STATION NAME

YEARS

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	DB. WB.	Wet Bulb	Wet Bulb	Dew Point														
47/47			.2	.1														3	3																
47/45			.1															1	1																
47/43			.1															1	1		2														
47/41			.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	34	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														
15/13	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														
-1/ -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	28	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 (JUN 71)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 STATION COLD LAKE APT ON STATION NAME 73-82 YEARS DEC 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																			
17-21	1.1																																		10	10	10	18
22-23	1.5																																		14	14	14	33
24-25	.2																																	2	2	2	18	
26-27	.2																																	2	2	2	17	
28-29	.3																																	3	3	3	7	
30-31	.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	

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.	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 COLD LAKE APT CN

73-82

DEC

STATION

STATION NAME

YEARS

PAGE 1 1800-2000

MO. RE. 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			.2															2	2																
42/ 41			.1															1	1																
47/ 39																					2														
38/ 37		.1	.2	.1														4	4	1															
37/ 35		.3	.6															8	8	1	1														
34/ 33	.1	.8	.4	.1														13	13	10	3														
32/ 31	.4	.3	.9															15	15	16	9														
30/ 29	.1	1.1	.3	.1														15	15	12	6														
28/ 27	.1	2.2	1.0															30	30	15	13														
26/ 25	1.9	3.7	.3															53	53	43	17														
24/ 23	.2	2.4	.3															27	27	42	20														
22/ 21	.9	2.8	.4															37	37	41	30														
20/ 19	1.7	3.0																42	42	53	32														
18/ 17	.9	4.1																45	45	50	37														
16/ 15	1.4	1.7																28	28	26	42														
14/ 13	2.8	4.6																66	66	46	60														
12/ 11	1.2	3.2																40	40	50	37														
10/ 9	2.1	1.8																35	35	39	53														
8/ 7	1.7	3.9																50	50	30	43														
6/ 5	.8	4.1																44	44	48	28														
4/ 3	1.1	4.3																49	49	71	16														
2/ 1	.6	2.4																27	27	33	36														
0/ -1	3.4																	31	31	33	44														
-2/ -3	3.0	.2																29	29	29	25														
-4/ -5	4.0	.7																42	42	40	61														
-6/ -7	1.2																	11	11	13	27														
-8/ -9	2.3																	21	21	21	26														
-10/ -11	2.1																	19	19	19	20														
-12/ -13	2.2																	20	20	20	19														
-14/ -15	2.8																	25	25	25	15														
-16/ -17	1.2																	11	11	11	19														
-18/ -19	1.4																	13	13	13	16														
-20/ -21	1.4																	13	13	13	14														
-22/ -23	1.7																	15	15	15	31														
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 STATION COLD LAKE APT CN 73-62 YEARS DEC MONTH
 PAGE 2 1000-2000 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	6					
-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)	$\sum X^2$	$\sum X$	\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.	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 JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN

73-02

DEC

STATION STATION NAME

YEARS

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														
42/41			.3	.1														4	4																
34/37			.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														
28/25	.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	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																																			

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

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

71200 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	.7																																		6	6	6	11	
27-31	.6																																		2	2	2	10	
27-33	.5																																		2	2	2	10	
34-35	.8																																		7	7	7	7	
37-37	.1																																		1	1	1	4	
37-39	.1																																			1	1	1	3
41-41																																						5	
42-43																																						6	
44-45																																						2	
TOTAL	53.3	42.3	4.0	.4																															907	907	907		
																																				907	907		
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																												
Rel. Hum.	5441109	69623	76.8	10.332	907	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																											
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 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 MONTH

PAGE 1 ALL
 HOURS 24.0

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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
39/ 37		.1	.3	.1																															32	32	12	4
38/ 35	.1	.3	.5	.0																															61	61	23	13
34/ 33	.1	.4	.6	.1																															60	60	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																																306	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)	Z _{X'}	Z _X	X	X _h	No. Obs.	Mean No. of Hours with Temperature										Total																						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 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/LMAC

PSYCHROMETRIC SUMMARY

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

PAGE 7 ALL
HOURS DATE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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																														7229		7229	7229

Element (X)	Z _x '	Z _x	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	Total
Dry Bulb	2138342	49164	6.8	15.802	7229	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
68/ 67																																		2185	2185		24
66/ 65																																		1661	1661		55
64/ 63																																		2258	2259		214
62/ 61																																		2179	2179		412
61/ 59																																		2367	2397		725
58/ 57																																		2573	2573		1083
56/ 55																																		2636	2636		1673
54/ 53																																		2835	2837		2048
52/ 51																																		2871	2873		2598
50/ 49																																		4239	4247		4835
48/ 47																																		2511	2512		2926
46/ 45																																		2775	2779		3661
44/ 43																																		2208	2212		2640
42/ 41																																		2084	2084		2666
40/ 39																																		2087	2087		2411
38/ 37																																		2011	2011		2453
36/ 35																																		2158	2159		2135
34/ 33																																		2269	2273		2185
32/ 31																																		3019	3721		3699
30/ 29																																		1988	1992		2601
28/ 27																																		2260	2264		3432
26/ 25																																		1688	1689		2941
Element (X)	Σ X ¹		Σ X		X		X _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
 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
18/ 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
3/ 1	.3	.9																																		1045	1048	1134	1112
1/ -1	1.0	.1																																		912	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	548	767
-16/ -17	.6																																			503	503	503	746
-18/ -19	.5																																			409	409	409	747
-21/ -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
-31/ -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
-41/ -41	.0																																			31	40	31	107
-42/ -43	.0																																			10	16	10	74
Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total																											
Rel. Hum.						± 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F																												
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

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

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 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	976	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	978	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	906	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 DIVISION
 WEATHER SERVICE

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DERIVED FROM HOURLY OBSERVATIONS

WET LAKE APT ON

73-87

	AN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN A
MEAN	-1.4	4.5	13.5	23.1	43.7	48.4	53.9	55.7	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	15.282	21.550
WET	655	810	904	854	906	834	683	896	876	895	677	911	1026
MEAN	-2.0	2.8	13.1	28.3	35.8	45.7	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	697	815	916	853	920	842	685	926	881	902	679	901	1058
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	669	796	893	852	879	845	670	889	845	888	670	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	676	832	899	875	889	840	673	920	681	902	673	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	690	814	899	864	892	823	661	893	666	915	670	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	9.113	6.711	4.935	4.654	5.952	5.776	7.438	12.071	14.473	21.354
WET	915	830	905	863	914	834	680	895	873	902	682	926	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	16.135	14.693	10.573	9.130	6.679	4.756	4.650	5.117	5.512	7.177	12.147	14.529	21.651
WET	688	797	892	860	895	819	661	879	665	907	663	901	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	16.656	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	978	824	901	873	903	849	688	899	683	912	686	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	16.733	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	712	648	720	694	717	668	700	717	697	721	700	722	841

1
2
GENERAL CLIMATOLOGY BRANCH
USAFETAC
ALC WEATHER SERVICE/740

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

STATION: SULL LAKE APT CN

73-82

PERIOD	MEAN	AV.	SEP	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	10379
TOTAL OBS	885	810	974	854	906	834	883	896	878	895	877	971	17026	
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	10379	
TOTAL OBS	897	815	918	863	900	842	885	906	881	902	879	971	17557	
1-3	-4.3	7.1	23.7	36.3	46.8	52.2	48.7	39.8	29.0	12.2	-.3	23.2	10379	
TOTAL OBS	889	776	893	852	879	845	870	889	845	885	870	971	17397	
1-4	-1.6	10.3	25.2	36.1	46.5	52.7	50.2	42.4	31.1	13.6	-.3	24.2	10379	
TOTAL OBS	875	812	899	855	889	840	873	900	881	902	873	890	17482	
1-5	2.5	13.4	25.0	35.0	45.3	51.6	49.5	41.7	30.9	15.8	2.5	25.7	10379	
TOTAL OBS	871	814	899	864	892	823	861	883	866	905	870	895	17462	
1-6	3.8	14.1	24.5	34.4	44.7	51.3	49.1	41.1	30.1	15.5	3.2	25.6	10379	
TOTAL OBS	895	830	905	883	914	834	880	895	873	902	882	916	17679	
1-7	2.3	13.8	24.6	35.0	45.5	52.1	49.9	41.7	29.9	14.4	1.8	25.4	10379	
TOTAL OBS	886	797	892	860	895	812	861	879	866	907	863	901	17428	
1-8	.9	12.3	24.8	35.9	46.8	52.8	49.9	41.4	29.5	13.4	.5	25.1	10379	
TOTAL OBS	905	824	901	873	903	849	888	899	883	912	886	907	17633	
1-9	-.1	11.2	24.3	35.3	45.7	51.9	49.2	41.1	29.9	13.9	.8	24.7	10379	
TOTAL OBS	7123	6488	7209	6904	7178	6686	7001	7147	6973	7213	7000	7202	84124	

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 12 0 STATION COLD LAKE APT CN 73-82 PERIOD 48 Y 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
	30-34	100.0	96.2	74.1	55.3	39.3	27.9	17.3	11.4	3.8	48.1	895
	35-39	100.0	100.0	94.9	82.1	65.0	49.1	35.3	21.5	8.2	61.2	903
	40-44											
	45-49											
	50-54											
	55-59											
	60-64											
	65-69											
	70-74											
	75-79											
	80-84											
	85-89											
	90-94											
	95-99											
TOTALS		100.0	97.8	87.3	73.6	59.9	46.7	34.4	22.5	17.0	56.8	7178

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	74.4	7147

USAFETAC

FORM
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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	7.0	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	49.0	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

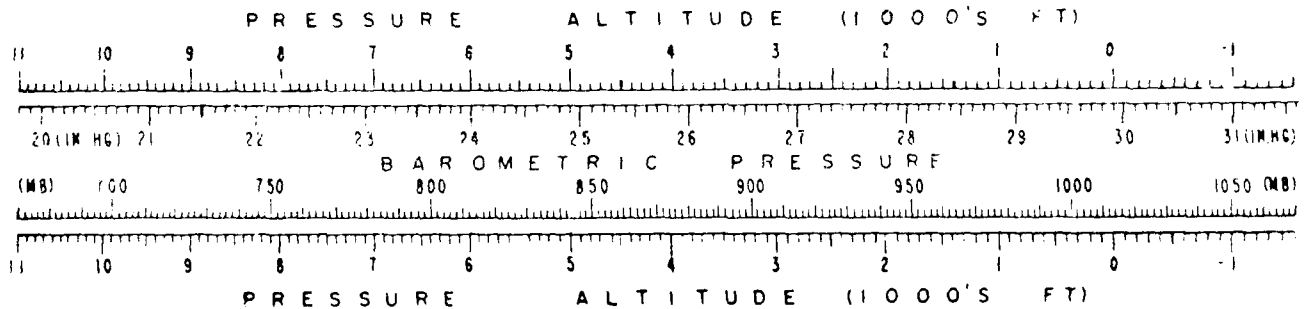
PART F PRESSURE SUMMARY

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	.278	.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	.236	.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	.240	.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	.232	.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	.232	.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	.227	.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	.234	.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	.234	.234
TOTAL OBS	2413	2183	2407	2331	2412	2254	2355	2427	2350	2427	2347	2420	2337	2337

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

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HRS FROM HOURLY OBSERVATIONS

7 12 C COLD LAKE APT CN

73-82

STATION	STATION NAME	YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN. A.
7	COLD LAKE APT CN	73-82	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
			11.177	11.318	9.501	8.054	7.328	6.638	6.015	6.684	7.283	8.314	10.956	11.306	9.221
			256	267	299	284	303	280	299	296	298	299	295	301	3517
5			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
			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
			307	281	310	296	306	288	300	306	297	308	297	307	3605
6			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
			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
			299	253	298	282	294	276	289	296	282	296	288	301	3466
1			1021.71	1020.51	1015.61	1016.01	1013.91	1011.71	1013.61	1014.61	1015.81	1014.51	1017.01	1017.6	1016.0
			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
			303	280	306	295	304	287	301	306	296	306	293	303	3532
4			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
			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
			303	271	297	292	296	276	285	298	295	303	292	294	3522
7			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
			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
			309	278	309	297	306	283	299	308	297	307	297	306	3596
5			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
			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
			298	271	296	285	297	277	286	297	289	300	292	304	3492
23			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
			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
			308	280	308	299	308	287	299	302	298	310	298	308	3605
ALL HOURS			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
			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
			2425	2191	2423	2332	2414	2256	2358	2409	2352	2429	2352	2424	28365

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