

EDWARDS AFB CALIFORNIA LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARY (LIS..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. DEC 84
USAFETAC/DS-84/039 F/G 4/2

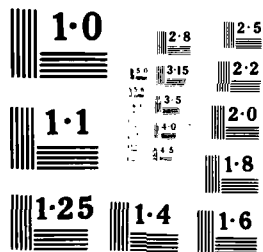
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UNCLASSIFIED

USAFETAC/DS-84/039

F/G 4/2

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AD-A159 688

DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "LISOCs"

EDWARDS AFB CA
N 34 54 W 117 52 ELEV: 2302 FT
EDW

MOJ # 723810

PERIOD - F HOURS SUMMARIZED: 0500 - 2100 L

PERIOD OF RECORD:
HOURLY OBSERVATIONS: SEP 74 - AUG 84
SUMMARY OF DAY DATA: NONE

TIME CONVERSION GMT TO EDT: -8

18 DEC 1984

DISTRIBUTION STATEMENT A

Approved for public release
Distribution Unlimited

FEDERAL BUILDING
ASHEVILLE, N. C.

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REVIEW AND APPROVAL STATEMENT

I have read the report of the [redacted] and find it to be a fair and accurate statement of the facts and circumstances of the case. I have also read the report of the [redacted] and find it to be a fair and accurate statement of the facts and circumstances of the case. I have also read the report of the [redacted] and find it to be a fair and accurate statement of the facts and circumstances of the case.

I have also read the report of the [redacted] and find it to be a fair and accurate statement of the facts and circumstances of the case. I have also read the report of the [redacted] and find it to be a fair and accurate statement of the facts and circumstances of the case.

Wayne E. Hill
[redacted]
[redacted]

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SECURITY CLASSIFICATION OF THIS PAGE

REPORT DOCUMENTATION PAGE				
1a REPORT SECURITY CLASSIFICATION Unclassified		1b RESTRICTIVE MARKINGS		
2a SECURITY CLASSIFICATION AUTHORITY		3 DISTRIBUTION AVAILABILITY OF REPORT Approved for public release; distribution unlimited.		
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4 PERFORMING ORGANIZATION REPORT NUMBER(S) USAFETAC/DS-84/039		7a NAME OF MONITORING ORGANIZATION USAFETAC		
6a NAME OF PERFORMING ORGANIZATION USAFETAC/OL-A		7b ADDRESS (City, State, and ZIP Code) Scott AFB, IL 62225-5438		
6b OFFICE SYMBOL (if applicable)		9 PROCUREMENT INSTRUMENT IDENTIFICATION NUMBER		
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11 TITLE (Include Security Classification) EDWARDS AFB CALIFORNIA (LISOCs) (Unclassified)				
12 PERSONAL AUTHOR(S)				
13a TYPE OF REPORT Data Summary		13b TIME COVERED FROM SEP 74 TO AUG 84		14 DATE OF REPORT (Year, Month, Day) DEC 84
15 PAGE COUNT 120				
16 SUPPLEMENTARY NOTATION				
17 COSATI CODES FIELD GROUP SUB-GROUP 04 02			18 SUBJECT TERMS (Continue on reverse if necessary and identify by block number) *climatology *weather Meteorological conditions (continued over)	
19 ABSTRACT (Continue on reverse if necessary and identify by block number) A statistical data summary of surface weather observation climatology for: EDWARDS AFB CALIFORNIA. This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART A, Weather Conditions and Atmospheric Phenomena; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; and PART F, Pressure Summaries. Note that PART B, Precipitation, is omitted. See USAFETAC/TN-83/001 (AD-A132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWOs), for complete descriptions of contents and instructions for use.				
20 DISTRIBUTION AVAILABILITY OF ABSTRACT ☐ UNCLASSIFIED/UNLIMITED ☒ SAME AS RPT ☐ DTIC USERS			21 ABSTRACT SECURITY CLASSIFICATION Unclassified	
22a NAME OF RESPONSIBLE INDIVIDUAL Marie Wakefield			22b TELEPHONE (Include Area Code) (618) 256-2625	
			22c OFFICE SYMBOL USAFETAC/LDD	

DD FORM 1473, 84 MAR

83 APR edition may be used until
All other editions are c

SECURITY CLASSIFICATION OF THIS PAGE

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18. Subject terms cont.

winds	precipitation	temperature	visibility
barometric pressure		relative humidity	
sky cover	psychrometric data		ceiling
Limited Surface Observations Climatic Summary			
LISOCs			

EDWARDS AFB CALIFORNIA

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MUROC AFB

USCA 723810

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A-1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARIES
(LISOCs)

DEFINITION: A RUSSWO-like set of summaries of hourly observations for the station's normal operating hours.

Hourly Observations: Those record or record-special observations recorded at established hourly intervals.

General Comments:

1. The hourly data are screened to exclude extraneous or occasional hours outside the normal observing hours.
2. A brief description preceeds each summary.
3. Summaries containing "TOTALS" and "ALL HOURS" are only from the hours summarized. These values are representative only for the operating hours.
4. The monthly and annual "ALL HOURS" summaries are not presented because they are not representative, and would result in meaningless or biased values.
5. There are no "Sky Cover" nor "Sea Level Pressure" summaries for METAR stations.

Table of Contents: AWS Form 2 "Station History"

- Part 1: Weather Conditions
- Part 2: Surface Winds
- Part 3: Ceiling Versus Visibility; Sky Cover
- Part 4: Daily High, Low, Mean Temperatures; Max High and Min Low Temperatures;
Psychrometric Tables; Mean and Standard Deviation of Temperatures; Relative Humidity
- Part 5: Station Pressure; Sea Level Pressure

Standard 3-Hour Groups: All summaries having diurnal variations are summarized in 3-hour periods corresponding to the following sets of hourly observations and limited to normal observation reporting hours (LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

Note that the first and last hour groups may or may not contain all three hours. See hours summarized on front cover to determine which hours are included in these two hour groups.

STATION LOCATION AND INSTRUMENTATION HISTORY

AWS FORM 2
NOV 53

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WEATHER CONDITIONS

1

PART 1

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented by month by the available 3-hour groups.

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. (Snow pellets also known as soft hail.)

Hail--Occurrences of hail.

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 sum of the individual categories may exceed the percentage 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.

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

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

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

Continued on Reverse

NOTE: 1. For METAR stations beginning Jan 68 and Synoptic reporting stations, only the highest order of atmospheric phenomena was reported, recorded on the AWS Forms 10a, and transmitted longline. Beginning Jan 70, METAR stations recorded all atmospheric phenomena on the AWS Form 10a, but transmitted longline only the highest order. For example, if the observation consisted of rain, fog and smoke, only the rain was transmitted longline. Our data base, as a result, contains only rain for that observation. Because of these reporting procedures the summaries for METAR and Synoptic reporting stations are highly questionable in the hourly summaries. This primarily effects the obstruction to vision columns, but may also have minor effects on the precipitation columns.

2. When the value of ".0" appears in the summaries, it represent one or more occurrences amounting to less than .05 percent.

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
1	2	3	4

3.1.2. ESTIMATION OF 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
1-12	2-12												
1-1	1-1							5.1				5.1	11
1-2	1-2		4.4		.		4.4	4.4	1.1		.1	5.6	20
1-11	1-11		5.1		.5		5.1	5.1	1.4		.1	6.6	20
1-11	1-11		5.5		.1		5.4	5.5	.1			5.6	20
1-11	1-11		5.5		.1		4.5	4.4	1.		.1	5.6	20
1-12	1-12		4.4		.5		4.4	4.4	.1		.1	4.4	20
1-12	1-12		4.		.1		4.5	4.1	1.1			4.7	20
TOTALS					4.1		4.4	4.4	1.4		.1	5.6	4754

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WEATHER CONDITIONS

STATION STATION NAME YEARS 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 OB TO VISION	TOTAL NO. OF OBS.
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	.7	-	.1	-	.7	1.4	1.1	-	-	4.1	14.3
1-11	-	-	1.7	-	-	-	3.4	2.5	1.1	-	.4	4.4	12.5
1-11	-	-	2.1	-	.4	-	3.1	1.1	.7	-	.4	1.1	14.3
1-11	.1	-	1.7	-	.1	-	3.1	1.1	.4	-	.4	2.1	4.3
1-11	-	-	4.3	-	.1	-	4.1	1.7	1.7	-	.7	1.1	14.3
1-11	-	-	2.5	-	.7	-	3.1	1.1	.7	-	.4	2.1	14.3
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTALS	-	-	.4	-	-	-	3.1	1.1	1.1	-	.7	.1	14.3

SURFACE WINDS

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

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

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

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION 75-64 STATION NAME ALLIANCE YEARS 1964 MONTH 12

CLASS 1 HOURS (LST) 24

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

TOTAL NUMBER OF OBSERVATIONS 1

SURFACE WINDS

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

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

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

TOTAL NUMBER OF OBSERVATIONS

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SURFACE WINDS

PART 2

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

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm vs 11 wind speed (knots) increments in Beaufort classifications. Percentages are shown for 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.

These tables are prepared for all years combined, by month by available 3-hour groups.

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

REGIONAL CLIMATE DIVISION
 WASHINGTON, D.C.
 1000 15th Street, N.W.

USE WITH CAUTION
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WEATHER CONDITIONS

STATION
 74-17

STATION NAME
 74-17

YEARS
 74-17

MONTH
 74-17

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LIST	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
1-17	1-17												
2-17	2-17												
3-17	3-17		1.0				1.0	3.0	.7			3.7	27
4-17	4-17		1.0				1.0	2.4	1.1		.1	3.7	341
5-17	5-17		1.0				1.0	1.0	1.1		.3	2.4	289
6-17	6-17		1.0				1.0	.6	.7		.7	1.0	377
7-17	7-17		1.0		.1		1.0	.8	.7		.4	1.0	655
8-17	8-17		1.0		.4		1.0	1.1	.4		.4	1.0	264
9-17	9-17												
10-17	10-17												
11-17	11-17												
12-17	12-17												
TOTALS			1.2		.1		1.2	1.3	1.3		.2	2.7	4640

USAF CLIMATOLOGY BRANCH
USAFETAC
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WEATHER CONDITIONS

STATION 74-83 STATION NAME YEARS NOV 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 OF OBS
1-1	0-5												
1-2			0.2				0.2						51
1-3			1.1				1.1	0.5	2.5			2.7	666
1-11	0.1		0.5				0.5	0.3	2.0		0.1	2.4	606
1-10	0.2		0.9			0.1	0.9		0.2			0.2	682
1-12			1.2				1.2		0.3			0.1	682
1-7			0.7				0.7		1.0			1.0	960
1-8			0.7				0.7		1.0			1.0	294
TOTALS		0	1.5			0.1	1.5	0.1	1.0		0.1	1.1	4763

NATIONAL METEOROLOGICAL SERVICE
 WASHINGTON, D. C.
 WEATHER SERVICE/MAAC

USE WITH CAUTION
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WEATHER CONDITIONS

STATION NAME: STATIONS AFB CA YEARS: 74-83 MONTH: OCT

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 OBS* TO VISION	TOTAL NO. OF OBS
10-01	01-05	.4	1.5				1.4	1.2	2.8			2.7	27
10-02	01-05	.4	1.5				1.4	1.6	5.4			7.4	43
10-03	01-05		1.1				1.1	.3	3.4			4.8	31
10-04	01-05	.3	1.2				1.2		.5		.1	.1	23
10-05	01-05	.3	.3				.1		.4		.3	.1	17
10-06	01-05	.2	.4				.4		.4		.3	1.1	24
10-07	01-05								2.8		1.1	3.9	41
10-08	01-05												
10-09	01-05												
10-10	01-05												
10-11	01-05												
10-12	01-05												
10-13	01-05												
10-14	01-05												
10-15	01-05												
10-16	01-05												
10-17	01-05												
10-18	01-05												
10-19	01-05												
10-20	01-05												
10-21	01-05												
10-22	01-05												
10-23	01-05												
10-24	01-05												
10-25	01-05												
10-26	01-05												
10-27	01-05												
10-28	01-05												
10-29	01-05												
10-30	01-05												
10-31	01-05												
TOTALS		.2	.9				.9	.8	2.4		.3	2.9	517

U.S. AIR FORCE
CLIMATE DIVISION
ATMOSPHERIC SCIENCE DIVISION

USE WITH CAUTION
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WEATHER CONDITIONS

STATION NAME: LAKE MEAD, AZ YEARS: 74-83 MONTH: SEP

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. OF OBS
7-1	1-10		1.7				1.7	1.4	.7			1.7	256
7-11	1-10	.1	1.2				1.2	2.1	1.9			3.1	997
7-11	1-10	.2	1.2				1.2	.6	.7		.1	1.4	889
7-11	1-10	.1	.3				.3	.1				.1	989
7-11	1-10	.9	1.3				1.2	.2	.1			.1	937
7-11	1-10	.7	1.2				1.2	.3	.3			.7	374
7-11	1-23												71
TOTALS		.7	1.5				1.5	.7	.3		.1	1.1	492

ALTA CLIMATOLOGY BRANCH
 100-100
 100-100

USE WITH CAUTION
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WEATHER CONDITIONS

STATION 100-100 STATION NAME 100-100 YEARS 100-100 MONTH 100-100

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
100-100													
100-100			.7				.7	.7				.7	707
100-100			.9				.9	.9	.1			1.0	930
100-100			1.1				1.1	.1	.3		.1	.4	930
100-100		.4	1.2				1.2	.1				.1	930
100-100		1.6	1.2				1.2	.2				.2	927
100-100		1.4	1.3				1.7				.2	.2	927
100-100													47
TOTALS			.7				.7	.3	.1		.2	.4	4090

UNITED STATES AIR FORCE
 AIR FORCE
 AIR FORCE

USE WITH CAUTION
 SEE FIRST PAGE

WEATHER CONDITIONS

STATION NAME: 75-54 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	0-23												
	0-5												25
	6-10	.2	.2				.4						25
	11-14	.1	.3				.4						27
	15-18		.2				.4						27
	19-22	1.2	1.4				1.4				.1	.1	24
	23	1.0	.3				.4						27
	1-23												47
TOTALS		.4	.4				.4				.1	.1	421

1. METEOROLOGICAL STATION
 2. STATION NAME
 3. STATION NUMBER

USE WITH CAUTION
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WEATHER CONDITIONS

4. STATION NUMBER 5. STATION NAME 6. YEARS 7. 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	1-24												
	25-30							.3	.7			1.0	297
	31-36								.1		.1	.3	200
	37-42		.1				.1						200
	43-48	.3	.3				.3						200
	49-54	.7	.3			.1	.3		.1		.3	.3	200
	55-60	.3	.1				.1		.1			.1	200
	61-66												57
TOTALS			.2				.2	.2	.2		.1	.2	4854

140 CLIMATELOGY TRAINING
STATION
AT THE U.S. NAVY SEA ICG-44

USE WITH CAUTION
SEE FIRST PAGE

WEATHER CONDITIONS

STATION 140 CLIMATELOGY TRAINING STATION NAME 75-94 YEARS MAY MONTH

CONTINUED 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	0-23												
	0-5		1.0				1.0	.7	.3			1.0	306
	6-11		1.0				1.0	.1	.2			.3	937
	12-17	.2	1.0				1.0	.2			.6	.4	937
	18-23	.1	.3				.6		.1		1.2	1.3	787
	24-29	.1	.4				.4		.6		.4	1.1	937
	30-31		2.3				2.3				1.3	2.3	47
TOTALS		.1	1.0				1.0	.2	.2		.6	1.0	4990

LOCAL CLIMATOLOGY DATA
 STATION
 WEATHER SERVICE

USE WITH CAUTION
 SEE FIRST PAGE

WEATHER CONDITIONS

STATION STATIONS AFB CA 75-84 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
1-1	7-22												
	7-22		3.3				7.5	1.1				1.1	91
	7-22		1.3				1.1	.7	.4			.5	897
	7-22		2.1		.2		1.1		.1		.1	.2	894
1-1	7-22	.1	1.9			.1	1.4				.7	.7	894
1-1	7-22	.4	1.3				1.3				.6	.6	894
1-1	7-22		1.3				1.4	.1	.1		.3	.6	894
1-1	7-22		.5				.7		.4			.4	767
TOTALS		.1	1.3		.2	.2	1.8	.3	.1		.2	.5	4227

U.S. AIR FORCE
 WEATHER SERVICE
 METEOROLOGICAL SERVICE

USE WITH CAUTION
 SEE FIRST PAGE

WEATHER CONDITIONS

STATION 75-44

75-44

MA
 MONTH

STATION

STATION NAME

YEARS

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
			4.4				4.4						44
			4.4		.1		5.5	1.5	.5		.2	2.2	227
	-11	.1	4.7				4.7	1.5	.5		.2	1.5	231
1	-11	.1	4.4				4.4	.2	1.5		.2	1.5	237
1	-11		5.6				5.6	.5	.5		.1	1.7	237
1	-2		5.1				5.1	.9	1.1		.3	2.2	222
1	-2		4.2		.5		4.5	.3	.5			1.5	202
TOTALS		.	5.5		.1		5.6	.8	.6		.1	1.5	4296

SURFACE WINDS

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

STATION 15-47-01 STATION NAME ALL STATE YEARS 75-76 MONTH 12
CLASS 170
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	.4	.7	.6										
NNE	.7	.8	.7	.6	.1								
NE	.7	2.4	1.7	.7	.1	.1							
ENE	.7	1.7	1.7	.4	.1								
E	1.7	1.7	1.7	.7									
ESE	.7	.7	.1										
SE	.7	.7	.1										
SSE	1.1		.1										
S	1.1	1.7	.1										
SSW	1.1	1.7	.7	.7									
SW	.7	.7	.7	1.8	.7								
WSW	.7	1.2	2.7	.7	1.7								
W	.7	1.2	2.7	3.3	1.4	.7	.7						
WNW	.7	.7	1.7	1.2	1.5	.5							
NW	.7	.7	.7	.4	.2	.1							
NNW	.7	.7	.1										
VARBL													
CALM													
	1.4	1.4	15.1	11.4	4.2	1.7	.7						

TOTAL NUMBER OF OBSERVATIONS 170

SURFACE WINDS

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

STATION STATION NAME YEARS 72-74 MONTH

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	2.8	1.7	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
NNE	0.0	1.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
NE	0.0	0.4	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
ENE	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6
E	1.0	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
ESE	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
SE	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
SSE	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
S	0.0	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
SSW	1.0	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
SW	0.0	0.0	2.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2
WSW	1.0	1.0	0.0	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4
W	0.0	2.2	2.0	2.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	7.4
WNW	0.0	2.2	1.1	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.2
NW	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2
NNW	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
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
	24.0	2.7	12.0	7.0	0.9	0.2	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 75-4 STATION NAME ALL WEATHER YEARS 1954 MONTH 1-12
CLASS ALL WEATHER HOURS (LST) 0000-2300
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	1.7	2.0	1.7									1.7	4.7
NNE	1.7	1.7	1.7	1.7								1.7	6.0
NE	1.7	1.7	1.7	1.7								1.7	2.0
ENE	1.7	1.7	1.7	1.7								1.7	1.7
E	1.7	1.7	1.7	1.7								1.7	1.7
ESE	1.7	1.7	1.7	1.7								1.7	1.7
SE	1.7	1.7	1.7	1.7								1.7	1.7
SSE	1.7	1.7	1.7	1.7								1.7	1.7
S	1.7	1.7	1.7	1.7								1.7	1.7
SSW	1.7	1.7	1.7	1.7								1.7	1.7
SW	1.7	1.7	1.7	1.7								1.7	1.7
WSW	1.7	1.7	1.7	1.7	1.7							1.7	1.7
W	1.7	1.7	1.7	1.7	1.7	1.7						1.7	1.7
WNW	1.7	1.7	1.7	1.7	1.7	1.7						1.7	1.7
NW	1.7	1.7	1.7	1.7	1.7	1.7						1.7	1.7
NNW	1.7	1.7	1.7	1.7	1.7	1.7						1.7	1.7
VARBL	1.7	1.7	1.7	1.7	1.7	1.7						1.7	1.7
CALM	1.7	1.7	1.7	1.7	1.7	1.7						1.7	1.7
	22.3	24.0	16.3	3.7	1.7							1.7	1.7

TOTAL NUMBER OF OBSERVATIONS 1000

U.S. AIR FORCE
CLIMATE DIVISION
OFFICE OF CLIMATE

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

SURFACE WINDS

STATION 1000 STATION NAME 1000 YEARS 1000 MONTH 1000
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
	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

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

SPEED (KNTS) DIR.	1 - 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
NNE	.7	1.4	.									.7	.7
NE	1.	1.	.	.5								1.	1.
ENE	1.	.	.5	.3	.1							1.	.5
E	1.2	.4			.1							1.2	.5
ESE	.	.4	.2									1.	.5
SE	.	.	.2	.1								1.	.4
SSE	.	.4	.2									1.1	.4
S	.1	.	.4									1.	.4
SSW	1.2	.	.4	.4								1.	.5
SW	.	2.2	2.5	1.5	1.3	.						11.6	1.5
WSW	.	1.	1.	2.9	1.3	.5	.1					10.6	1.5
W	.	.	1.4	2.1	1.2	.5						5.	1.5
WNW	.	.4	.1	.9	.4	.2	.1					10.5	1.4
NW	.	.2	.1	.2	.1							10.5	.5
NNW	.	.2	.2									1.	.4
VARBL													
CALM												2.7	
	1.2	14.6	2.7	11.2	4.2	1.4	.2					10.5	1.5

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

SURFACE WINDS

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

STATION 75-84 STATION NAME ALL WEATHER YEARS 75-84 MONTH 1-12
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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 42

SURFACE WINDS

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

STATION 75-04 STATION NAME ALL STATION YEARS 1957-1958 MONTH 1-12
CLASS ALL STATION HOURS [L.S.T.] 0000-2359
CONDITION ALL STATION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.4		.1	.1							1.4	4.4
NNE		1.2		.4								1.2	4.4
NE	1.4	2.2	1.4	.6	.5	.1						1.4	4.4
ENE	1.4		1.4	.6	.2							1.4	4.4
E	2.2	.4	1.4	.7								1.4	4.4
ESE		.4	.4									1.4	4.4
SE												1.4	4.4
SSE												1.4	4.4
S	1.4	.4	.4	.1								1.4	4.4
SSW	1.4	.4	.4	.9	.2							1.4	4.4
SW	1.4	1.4	2.4	2.4	1.4	.7						1.4	4.4
WSW		1.4	2.4	4.4	1.4	.9						1.4	4.4
W		1.4	2.4	2.4	1.4	.1	.2					1.4	4.4
WNW		.4	2.4	2.4	1.4	1.4						1.4	4.4
NW		.4	.4	1.4	.2	.1						1.4	4.4
NNW		.4	.4		.1							1.4	4.4
VARBL												1.4	4.4
CALM												1.4	4.4
	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4

TOTAL NUMBER OF OBSERVATIONS 542

ALCANTARA, A. L. C.
 STAG
 1000 FT. ASL

SURFACE WINDS

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

STATION ALCANTARA, A. L. C. STATION NAME STAG YEARS 25-26 MONTH 1-12
 CLASS ALL CLASSES
 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	1.1	1.1	.0	.0	.1							.1	4.1
NNE	1.1	.0	.0	.4	.1							.1	4.1
NE	1.1	.0	.0	.7								.1	4.1
ENE	1.1	.0	.0	.0								.1	4.1
E	1.1	.7	.0									.1	4.1
ESE	.0	.1	.1									.1	4.1
SE	.0	.1										.1	4.1
SSE	.0	.0										.1	4.1
S	.0	.4	.7	.1								.1	4.1
SSW	1.1	.0	.7	.5								.1	4.1
SW	1.1	.4	.2	.2	.4	.1						.1	4.1
WSW	.0	.7	.9	.5	.3							.1	4.1
W	.0	.1	.3	.2	.8							.1	4.1
WNW	.1	.4	.7	.7	.5	.4	.0					.1	4.1
NW	.0	.5	.1	.5			.0					.1	4.1
NNW	1.1	.7	.4		.1							.1	4.1
VARBL													
CALM												1.0	
	21.2	21.4	21.2	14.5	2.0	.5	.5					1.0	4.1

TOTAL NUMBER OF OBSERVATIONS 24

SURFACE WINDS

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

STATION

STATION NAME

75-84

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	1.0	1.0			1.0							1.0	1.0
NNE	1.0	1.0	1.0	1.0								1.0	1.0
NE		1.0	1.0	1.0								1.0	1.0
ENE		1.0	1.0	1.0								1.0	1.0
E		1.0	1.0	1.0								1.0	1.0
ESE		1.0	1.0	1.0								1.0	1.0
SE		1.0	1.0	1.0								1.0	1.0
SSE		1.0	1.0	1.0								1.0	1.0
S		1.0	1.0	1.0								1.0	1.0
SSW		1.0	1.0	1.0								1.0	1.0
SW	1.0	1.0	1.0	1.0								1.0	1.0
WSW	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
WNW	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
NNW	1.0	1.0	1.0	1.0	1.0	1.0						1.0	1.0
VARBL													
CALM													
	2.0	4.0	1.0	1.0	1.0	1.0						1.0	1.0

TOTAL NUMBER OF OBSERVATIONS

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

MONTH

CLASS

CONDITION

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION 0015 AF 08 STATION NAME 72-54 YEARS 1954 MONTH 10

CLASS ALL WEATHER

CONDITION

HOURS (L.S.T.) 0-10

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	2.0	1.1	2.0									2.0	1.4
NNE	2.0	2.0	2.0	2.0	2.0							2.0	4.0
NE	2.0	1.0	2.0	2.0	2.0							2.0	2.0
ENE	2.0	1.0	2.0	2.0	2.0							2.0	2.0
E	2.0	2.0	2.0	2.0	2.0							2.0	2.0
ESE	2.0	2.0	2.0	2.0	2.0							2.0	2.0
SE	2.0	2.0	2.0	2.0	2.0							2.0	2.0
SSE	2.0	2.0	2.0	2.0	2.0							2.0	2.0
S	2.0	2.0	2.0	2.0	2.0							2.0	2.0
SSW	2.0	2.0	2.0	2.0	2.0							2.0	2.0
SW	2.0	2.0	2.0	2.0	2.0							2.0	2.0
WSW	2.0	2.0	2.0	2.0	2.0							2.0	2.0
W	2.0	2.0	2.0	2.0	2.0							2.0	2.0
WNW	2.0	2.0	2.0	2.0	2.0							2.0	2.0
NW	2.0	2.0	2.0	2.0	2.0							2.0	2.0
NNW	2.0	2.0	2.0	2.0	2.0							2.0	2.0
VARBL													
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	7.0

TOTAL NUMBER OF OBSERVATIONS 10

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 05-10-2001 BY 60322 UCBAW

SURFACE WINDS

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

STATION 75-4 STATION NAME ALLIANCE YEARS 1961-1962 MONTH 1-12
 CLASS 1
 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	1.0	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 1000

SURFACE WINDS

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

STATION 10-07-01 STATION NAME 10-07-01 YEARS 1977 MONTH 12
CLASS 10-07-01 HOURS [LST] 17
CONDITION 10-07-01

SPEED KNTS) DIR	1 - 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 10-07-01

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 CLASS _____ 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													
NNE													
NE													
ENE													
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	STATION NAME	YEARS	MONTH
	CLASS		HOURS (L.S.T.)
	CONDITION		

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

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
CLASS _____
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		1									
NNE													
NE													
ENE													
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 521 STATION NAME ALL VALLEY YEARS 1954 MONTH 12

CLASS ALL

CONDITION ALL

HOURS (LST) 24

SPEED (KNTS) DIR	1 - 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
NNE	1.0	1.0	1.0	1.0								4.0	1.0
NE	1.0	1.0	1.0	1.0								4.0	1.0
ENE	1.0	1.0	1.0	1.0	1.0							5.0	1.0
E	1.0	1.0	1.0	1.0	1.0							5.0	1.0
ESE	1.0	1.0	1.0	1.0	1.0							5.0	1.0
SE	1.0	1.0	1.0	1.0	1.0							5.0	1.0
SSE	1.0	1.0	1.0	1.0	1.0							5.0	1.0
S	1.0	1.0	1.0	1.0	1.0							5.0	1.0
SSW	1.0	1.0	1.0	1.0	1.0	1.0						6.0	1.0
SW	1.0	1.0	1.0	1.0	1.0	1.0	1.0					7.0	1.0
WSW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				8.0	1.0
W	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			9.0	1.0
WNW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		10.0	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	11.0	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	11.0	1.0
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 100

SURFACE WINDS

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

STATION 75-4 STATION NAME ALL ATTES YEARS 1961 MONTH 1

CLASS ALL HOURS (L S T) 1

CONDITION

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

SURFACE WINDS

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

STATION 54500 STATION NAME ALL 41428 YEARS 75-76 MONTH 7
CLASS ALL 41428 HOURS (LST) 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	1.4	1.4	.1	.1									
NNE	1.4	1.4	.1	.1									
NE	1.4	1.4	1.1	.3	.2								
ENE	1.4	1.1	.1	.1	.1								
E	1.4	1.1	.1	.1	.1								
ESE	1.4	.1	.1	.1									
SE	.2	.1	.1										
SSE	.1	.1	.1										
S	.1	.1	.1										
SSW	.1	.1	.1	.1									
SW	.1	1.1	5.1	3.7	1.1	.5							
WSW	.1	1.1	7.4	6.2	2.3	.5							
W	.1	1.1	3.7	6.2	2.5	.5							
WNW	.1	.1	.1	1.7	1.3	.5							
NW	.1	.1	.1	.5									
NNW	.1	.1	.1	.1									
VARBL													
CALM													
	1.4	15.3	18.1	21.4	7.4	1.7							

TOTAL NUMBER OF OBSERVATIONS 7

SURFACE WINDS

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

STATION 5-100 STATION NAME 75-24 YEARS 1954 MONTH 7

CLASS ALL WEATHER HOURS (L.S.T.) 1000

CONDITION

SPEED (KNTS) DIR.	1 - 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	1												
NE													
ENE													
E													
ESE													
SE													
SSE													
S	1												
SSW													
SW													
WSW	1												
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	1	1	2	1	4	2	1	1				1	

TOTAL NUMBER OF OBSERVATIONS 20

SURFACE WINDS

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

STATION LA S ANA CA STATION NAME LA S ANA CA YEARS 75-76 MONTH 7

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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S		1.7	1.7	.3									
SSW		7.5	5.7										
SW			5.7	2.3	.7								
WSW		4.2	5.7	4.2	.7								
W	1.7	2.7	2.7	1.7	.3								
WNW	1.7	1.7		.7	.7	.7							
NW	.7		.7	.7									
NNW	.7												
VARBL													
CALM													
	1.7	7.5	23.5	2.8	2.3	.7							

TOTAL NUMBER OF OBSERVATIONS 300

SURFACE WINDS

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

STATION 75-04 STATION NAME ALL WEATHER YEARS 1954 MONTH 1
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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 100

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-22-2001 BY 60322 UCBAW

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.1	.2								.1	1
NNE		.1	.1	.1								.1	1
NE		.1	.1	.1								.1	1
ENE		.1	.1	.3								.1	1
E		.1		.1								.1	1
ESE													
SE					.1							.1	17
SSE		.1	.1									.1	1
S			.1		.1							.1	1
SSW		.1	.1	.4								.1	7
SW		.1	.4	.9	.4							.1	11
WSW		.2	.7	11.5	3.2	.2						.1	11
W	1.1	.2	12.3	2.3	.6							.1	11
WNW		1.3	4.3	6.2	1.6	1.1	.4					.1	12
NW		.7	1.7	1.7	.2	.2						.1	1
NNW			.1									.1	4
VARBL													
CALM													
	4	12.9	31.2	17.4	7.8	2.7	.4						1

TOTAL NUMBER OF OBSERVATIONS

CLIMATE DATA

STATION NAME

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

SURFACE WINDS

STATION 10-5-48-01 STATION NAME 10-5-48-01 YEARS 1977 MONTH 1977
CLASS 10-5-48-01
CONDITION 10-5-48-01
HOURS (L.S.T.) 10-5-48-01

SPEED (KNTS) DIR.	1 - 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 10-5-48-01

SURFACE WINDS

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

STATION 70-01 STATION NAME ALL LAT-4E2 YEARS 1962 MONTH 1-12
CLASS ALL HOURS (LST) 0000-2300
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	1.2	1.2	1.2	1.2								1.2	1.2
NNE	1.2	1.2	1.2	1.2								1.2	1.2
NE	1.2	1.2	1.2	1.2								1.2	1.2
ENE	1.2	1.2	1.2	1.2								1.2	1.2
E	1.2	1.2	1.2	1.2								1.2	1.2
ESE	1.2	1.2	1.2	1.2								1.2	1.2
SE	1.2	1.2	1.2	1.2								1.2	1.2
SSE	1.2	1.2	1.2	1.2								1.2	1.2
S	1.2	1.2	1.2	1.2								1.2	1.2
SSW	1.2	1.2	1.2	1.2								1.2	1.2
SW	1.2	1.2	1.2	1.2								1.2	1.2
WSW	1.2	1.2	1.2	1.2								1.2	1.2
W	1.2	1.2	1.2	1.2								1.2	1.2
WNW	1.2	1.2	1.2	1.2								1.2	1.2
NW	1.2	1.2	1.2	1.2								1.2	1.2
NNW	1.2	1.2	1.2	1.2								1.2	1.2
VARBL	1.2	1.2	1.2	1.2								1.2	1.2
CALM	1.2	1.2	1.2	1.2								1.2	1.2
	1.2	1.2	1.2	1.2								1.2	1.2

TOTAL NUMBER OF OBSERVATIONS 600

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

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

SURFACE WINDS

STATION 75-14 STATION NAME ALL SEATON YEARS 1954 MONTH 11
CLASS ALL SEATON HOURS (L.S.T.) 11-11
CONDITION

SPEED (KNTS) DIR.	1 - 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	.3	.2									
NNE	.7	1.6	.7	.4								4.1	4.3
NE	1.1	1.2	.7	.2		.1						.1	.7
ENE	.1	1.2	.2	.6	.1	.1						.4	7.3
E		.7	.7									1.7	.7
ESE		.1	.3									1.1	4.1
SE		.2	.1		.1							.1	4.1
SSE	.1	.1	.3									.1	.3
S	.1	.1	.2									.1	4.1
SSW	.1	1.1	1.7	.3								.1	6.7
SW	.1	2.1	4.4	.9	1.2							1.1	1.1
WSW	.1	1.1	4.1	5.4	2.1	1.2						1.1	1.1
W	.1	1.1	3.1	.7	.7	.6						1.1	1.1
WNW	.1	.1	1.2	1.2	.2	.7						.1	1.1
NW		.1	.2	1.2	.2							.1	1.1
NNW	.1	.7	.7									.1	.1
VARBL													
CALM												1.1	
	11.7	15.2	17.1	23.6	7.7	2.7						1.1	1.7

TOTAL NUMBER OF OBSERVATIONS 114

SURFACE WINDS

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

STATION 75-54 STATION NAME 75-54 YEARS 75-54 MONTH 75-54

CLASS ALL HOURS (L.S.T.) 75-54

CONDITION 75-54

SPEED (KNTS) DIR.	1 - 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 75-54

SURFACE WINDS

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

STATION 75-14 STATION NAME ALL WEATHER YEARS 1950-1951 MONTH 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													4.0
NNE													4.7
NE													5.0
ENE													5.0
E													5.0
ESE													5.0
SE													5.0
SSE													5.0
S													5.0
SSW													5.0
SW													5.0
WSW													5.0
W													5.0
WNW													5.0
NW													5.0
NNW													5.0
VARBL													5.0
CALM													5.0
													5.0

TOTAL NUMBER OF OBSERVATIONS 14

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

STATION	STATION NAME	YEARS	MONTH
	ALL WEATHER		
	CLASS		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		.1											
NNE		.1											
NE		.1											
ENE				.1									
E													
ESE													
SE													
SSE													
S	.1	.1											
SSW	.7	.5	.7	.7									
SW	.7	.7	1.5	.8	.7								
WSW	1.	2.1	.8	.2	1.2								
W		1.2	1.2	.2		.3							
WNW		.7	.2	.1									
NW			.1	.1									
NNW													
VARBL													
CALM													
	11	11	31.7	14.3	2.0	.7						1	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION 005 21 00 STATION NAME 15-04 YEARS 1-10 MONTH 1-10
CLASS ALL WEATHER HOURS (L.S.T.) 1-10

CONDITION

SPEED (KNTS) DIR.	1 - 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
	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

SURFACE WINDS

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

STATION 100-0000 STATION NAME 100-0000 YEARS 1950-1951 MONTH 1-12
 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													
NNE													
NF													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	11.0	1.0	28.1	2.7	17.0	1.7							

TOTAL NUMBER OF OBSERVATIONS 2

ALC 0-1000000-1
 1000000-1
 1000000-1

SURFACE WINDS

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

STATION 1000000-1 STATION NAME 72-4 YEARS 10 MONTH 10
 CLASS ALL WEATHER
 HOURS (L.S.T.) 1000-1000
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												1.1	4.0
NNE				.1								.7	4.7
NE			.7	.1								.8	4.8
ENE		.1	.6	.2								.9	4.9
E		.1	.1	.1								1.6	5.6
ESE				.1								.8	6.8
SE					.1							.8	7.8
SSE				.1								.8	7.8
S			.1									.8	7.8
SSW		.7	.6	.2		.2						1.5	8.5
SW		.6	4.7	1.5	.1	1.2						4.4	14.4
WSW	.1	.2	7.7	14.1	11.2	.9	.1					28.2	18.2
W		1.2	4.1	.7	7.4	.3						13.7	13.7
WNW		.7	.2	5.7	7.1	.3						14.7	14.7
NW		.2	.6	1.2	.6	.4						1.8	1.8
NNW			.1	.1								.8	.8
VARBL													
CALM													
	1.4	5.7	1.2	4.4	2.3	3.2	.1					1.8	1.8

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
 OFFICE OF
 AIR FORCE SURVEILLANCE

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

SURFACE WINDS

STATION AFS AFB CA STATION NAME AFS AFB CA YEARS 74-75 MONTH 7
 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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 100

CLIMATE DATA
 STATION
 NAME

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

SURFACE WINDS

STATION LAOS 450 CA STATION NAME 75-84 YEARS 1975
 CLASS ALL WEATHER MONTH 1-12
 CONDITION HOURS (LST)

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

TOTAL NUMBER OF OBSERVATIONS 120

SURFACE WINDS

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

STATION 75-14 STATION NAME ALL WEATHER YEARS 1954-1955 MONTH JUL
CLASS ALL WEATHER HOURS (L.S.T.) 0000-2359
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													
NNE													
NE													
ENE		.1											
E			.1										
ESE			.2										
SE													
SSE		.7											
S	1.8	2.5	1.8										
SSW	.7	1.5	4.5	.4									
SW		1.5	12.5	2.3									
WSW	.8	4.2	6.3	3.5	.3								
W	1.8	1.8	1.2	1.1	.1								
WNW													
NW		.2											
NNW		.1											
VARBL													
CALM													
	17.8	2.4	26.1	7.8	.4								

TOTAL NUMBER OF OBSERVATIONS 1000

U.S. AIR FORCE
CLIMATE DATA
STATION

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

SURFACE WINDS

STATION AN-5 AFB CA STATION NAME 75-84 YEARS 1975 MONTH 11
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	1.1											1.1	
NNE	1.2	1.1	1.1									1.1	
NE	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	
ESE	1.1	1.1	1.1	1.1								1.1	
SE	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	
S	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	
SW	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				1.1	
WNW	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	
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													
	22.1	2.1	3.1	1.3	1.1							1.1	

TOTAL NUMBER OF OBSERVATIONS 17

U.S. CLIMATE DATA
 STATION
 F T 2 S E I C A

SURFACE WINDS

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

STATION 2025 370 54 STATION NAME 7-4 YEARS 1 MONTH 1

ALL CLASS 1

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS 1

SURFACE WINDS

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

STATION LAKE SUPERIOR STATION NAME LAKE SUPERIOR YEARS 75-76 MONTH 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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 1000

SURFACE WINDS

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

STATION 5-12-66 STATION NAME 7-4 YEARS 1 MONTH 1

CLASS ALL STATION 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	1.7
NNE													
NE		.1	.1	.1								.1	1.0
ENE		.1	.1									.1	1.0
E		.1	.1		.1							.1	1.0
ESE		.1										.1	1.0
SE		.1										.1	1.0
SSE		.1		.1								.1	1.0
S		.1	.1									.1	1.0
SSW			.1	.4	.2							.1	1.1
SW		1.6	3.6	11.9	1.5							.1	1.1
WSW		2.1	2.1	24.7	5.1							.1	1.1
W		1.1	6.2	6.9	2.1	.1						.1	1.1
WNW		.1	1.7	6.9	.4							.1	1.1
NW		.1	.3	.2								.1	1.1
NNW		.1	.1									.1	1.1
VARBL													
CALM													
			2.1	3.3	2.5	.1						.1	1.1

TOTAL NUMBER OF OBSERVATIONS 1

SURFACE WINDS

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

STATION 75-24 STATION NAME ALL STATE YEARS 1964 MONTH 1

CLASS ALL STATE HOURS [L S T] 1

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS 1

SURFACE WINDS

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

STATION 5-17-13 STATION NAME 75-13 YEARS 1954 MONTH 1

ALL AIRCRAFT CLASS 1-145 HOURS (L.S.T.) 1

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS 1

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
	CLASS		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													
NNE													
NE													
ENE													
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 74- STATION NAME 74- YEARS 74- MONTH 74-

CLASS 74- HOURS (L.S.T.) 74-

CONDITION 74-

SPEED (KNTS) DIR.	1 - 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	4.0
NNE	1.0	1.0	1.0	1.0	1.0							1.0	4.0
NE	1.0	1.0	1.0	1.0	1.0							1.0	7.0
ENE	1.0	1.0	1.0	1.0	1.0							1.0	7.0
E	1.0	1.0	1.0	1.0	1.0							1.0	4.0
ESE	1.0	1.0	1.0	1.0	1.0							1.0	4.0
SE	1.0	1.0	1.0	1.0	1.0							1.0	4.0
SSE	1.0	1.0	1.0	1.0	1.0							1.0	4.0
S	1.0	1.0	1.0	1.0	1.0	1.0						1.0	4.0
SSW	1.0	1.0	1.0	1.0	1.0	1.0						1.0	4.0
SW	1.0	1.0	1.0	1.0	1.0	1.0	1.0					1.0	11.0
WSW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				1.0	11.0
W	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			1.0	11.0
WNW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		1.0	11.0
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	11.0
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	11.0
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	11.0
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	11.0
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	11.0

TOTAL NUMBER OF OBSERVATIONS 74-

SURFACE WINDS

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

STATION 1005 STATION NAME 74- YEARS 1-24 MONTH 1-24

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	.	.	.	.	.	.	.	.	.	.	.	.	.
NNE	.	.4	.	.2	.1	.1	.	.	.	.	.	.	.
NE	.	.4	.2	.2	.2	.1	.	.	.	.	.	.7	.
ENE	.	.7	.2	.7	.3	.1	.	.	.	.	.	.	.
E	.1	.7	.7	.4	.	.	.	.	.	.	.	.	.
ESE	.	.	.3	.	.	.	.	.	.	.	.	.4	.
SE	.	.	.	.1	.	.	.	.	.	.	.	.	.
SSE	.	.1	.	.1	.1	.1	.	.	.	.	.	.	.
S	.	.	.	.1	.	.	.	.	.	.	.	.7	.
SSW	.	.2	.1	.2	.	.	.	.	.	.	.	.7	.
SW	.	.3	.1	.3	.6	.4	.	.	.	.	.	.	.
WSW	.	.1	.1	.1	.2	.1	.1	.	.	.	.	.1	.
W	.	.1	.1	.7	.4	.1	.	.	.	.	.	.1	.
WNW	.	.	.4	.2	.5	.3	.1	.	.	.	.	.3	.
NW	.	.	.1	.1	.2	.2	.	.	.	.	.	.2	.
NNW	.	.1	.1	.	.	.	.	.	.	.	.	.1	.
VARBL	.	.	.	.	.	.	.	.	.	.	.	.	.
CALM	.	.	.	.	.	.	.	.	.	.	.	.	.
	1.7	2.2	1.7	1.7	.4	1.6	.2	.	.	.	.	.	.

TOTAL NUMBER OF OBSERVATIONS 100

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

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													
NNE													
NE													
ENE													
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	STATION NAME	74-8	YEARS	MONTH
	CLASS			HOURS (L.S.T.)
	CONDITION			

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

TOTAL NUMBER OF OBSERVATIONS 47

SURFACE WINDS

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

STATION AF-6 STATION NAME 74-11 YEARS 1964 MONTH 12

CLASS ALL HOURS (LST) 1200

CONDITION

SPEED (KNTS) DIR.	1 - 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
NNE			1.1									1.1	1.1
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW			1.1	.4									
SW													
WSW				.7									
W			1.1	.4			.4						
WNW		1.1											
NW		1.4											
NNW													
VARBL													
CALM													
	2.1	17.1	2.1	1.4			.4					2.1	2.1

TOTAL NUMBER OF OBSERVATIONS 1200

ALBUQUERQUE, N.M.
 1954-1955
 1956-1957

SURFACE WINDS

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

STATION ALBUQUERQUE STATION NAME 74-01 YEARS 1954-1955 MONTH 1-12
 CLASS ALL
 CONDITION
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4										.2	1.0
NNE		.3	.7	.2								.1	1.0
NE			.7	.2	.1							.1	1.4
ENE		.2	.1	.1									1.0
E		1.2	.1	.4	.2	.1							7.0
ESE		.7	.7										4.7
SE		.1		.1									1.0
SSE		.1											1.0
S		.7											1.0
SSW		1.7	.7										2.0
SW		4.4	6.4	7.4	.7								1.0
WSW	1.0	4.7	13.0	11.0	.8								2.1
W	1.1	.7	3.4	4.1	.1								1.0
WNW	1.2	2.0	3.0	1.3									7.7
NW		1.2	1.0	.0									7.0
NNW		.7	.1	.1	.1								1.0
VARBL													
CALM												.4	
	.2	13.0	39.7	22.4	2.0	.1						1.0	0.0

TOTAL NUMBER OF OBSERVATIONS 224

AL CLIMATELOGY DIVISION
 1110
 WEATHER SERVICE / AL

SURFACE WINDS

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

STATION ALOS AFB CA STATION NAME 74-83 YEARS 1957-1958 MONTH 1-17
 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		1.4										5.4	1.4
NNE		1.4		.4								1.4	1.4
NE			1.4	.1								1.4	1.4
ENE				.2								1.4	1.4
E			2.1	.2	.3							4.4	1.4
ESE		.7	.7	.2								1.4	1.4
SE			.1									1.4	1.4
SSE				.1								1.4	1.4
S	1.4		.7									1.4	1.4
SSW	.4		.7	.4								1.4	1.4
SW	1.4	1.4	.4	.7	1.4							17.4	1.4
WSW		2.1	5.4	11.4	2.1	.2						21.4	1.4
W	1.4	2.1	3.4	5.4	1.4	.3						14.4	1.4
WNW		.4	1.4	2.4	.7							5.4	1.4
NW	.7	1.4	.7	.9	.1							3.4	1.4
NNW	.7	.7	.1	.1								1.7	1.4
VARBL													
CALM													
	1.4	17.3	11.2	24.6	5.1	.6						1.4	1.4

TOTAL NUMBER OF OBSERVATIONS 174

RECEIVED
JUL 1964
U.S. AIR FORCE

SURFACE WINDS

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

STATION 74-62 STATION NAME ALL WEATHER YEARS 1963-1964 MONTH 1-12
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	1.0	2.3	0.7									4.4	1.0
NNE	2.7	2.0	1.0	0.7								5.4	4.0
NE	5.0	2.0	2.0	0.7								7.7	5.0
ENE	1.0	1.7	1.4	0.7	0.1							5.3	3.0
E	1.0	1.0	2.1	0.6	0.3							6.0	7.1
ESE	1.2	1.0	0.7	0.1								3.0	4.0
SE	1.0	1.1										2.1	3.2
SSE	0.7	0.7	0.7	0.1								1.0	3.0
S	1.0	1.1	0.7	0.1								2.2	4.0
SSW	1.0	1.2	1.0	0.3								3.0	3.0
SW	1.1	2.0	5.1	3.4	0.6	0.1						12.0	9.0
WSW	0.7	1.4	4.7	5.0	1.0	0.3						12.0	11.0
W	1.2	2.3	2.6	2.3	0.3	0.3						6.0	9.1
WNW	1.0	0.7	0.7	0.2	0.3							2.0	6.6
NW	0.7	0.7	1.1									1.7	3.3
NNW	0.7	0.6	0.7									1.0	4.0
VARBL													
CALM												11.7	
	1.2	3.1	23.4	14.5	3.3	0.8						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 662

CLIMATE BUREAU
 WASHINGTON, D.C.
 FORM 0-8-5 (REV. 10-64)

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

SURFACE WINDS

STATION ASOS APO CF STATION NAME 74-5 YEARS 1974-1975 MONTH 12-1975
 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	1.0	1.0										4.0	2.7
NNE	1.0	1.0		1.0								4.0	2.7
NE	1.0	2.0	1.0	1.0								7.0	4.0
ENE	1.0	1.0	1.0	1.0								4.0	3.0
E	1.0	1.0	1.0									3.0	3.0
ESE	1.0	1.0	1.0									3.0	3.0
SE	1.0	1.0	1.0									3.0	3.0
SSE	1.0	1.0	1.0									3.0	3.0
S	1.0	1.0	1.0									3.0	3.0
SSW	1.0	1.0	1.0	1.0								4.0	3.0
SW	1.0	1.0	1.0	1.0	1.0	1.0						7.0	3.0
WSW	1.0	1.0	1.0	1.0	1.0	1.0						7.0	3.0
W	1.0	1.0	1.0	1.0	1.0	1.0						7.0	3.0
WNW	1.0	1.0	1.0	1.0	1.0	1.0						7.0	3.0
NW	1.0	1.0	1.0	1.0	1.0	1.0						7.0	3.0
NNW	1.0	1.0	1.0	1.0	1.0	1.0						7.0	3.0
VARBL													
CALM													
	2.0	17.2	14.7	8.0	1.6	1.5						1.0	4.4

TOTAL NUMBER OF OBSERVATIONS 100

U.S. AIR FORCE
METEOROLOGICAL SERVICE
OFFICE OF THE SECRETARY

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

SURFACE WINDS

STATION 74-71 STATION NAME ALL WEATHER YEARS 1954-1955 MONTH 1954
CLASS ALL WEATHER HOURS (L.S.T.) 1954
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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	2.7	1.5	1.7	3.5	.7								

TOTAL NUMBER OF OBSERVATIONS 871

SURFACE WINDS

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

STATION 74-1 STATION NAME ALL AT 400 YEARS 1950-1951 MONTH 1-12
CLASS ALL AT 400 HOURS (L.S.T.) 0000-2300
CONDITION ALL AT 400

SPEED (KNTS) DIR.	1 - 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 1000

SURFACE WINDS

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

STATION 1016 AFB CA STATION NAME 1016 AFB CA YEARS 75-76 MONTH 1-7
 CLASS ALL
 CONDITION
 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													7.0
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 100

SURFACE WINDS

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

STATION 75-5066 STATION NAME 75-5066 YEARS 75-84 MONTH 7-77
 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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 277

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

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

TOTAL NUMBER OF OBSERVATIONS

SURFACE WIND

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

STATION 74-1 STATION NAME ALL 3743 YEARS 1950-1951 MONTH 1

CLASS 1

CONDITION 1

HOURS (L.S.) 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	%	MEA WIN SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 1

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 CLASS _____
 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	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	1	1							
SW	1	1	1	1	1	1							
WSW	1	1	1	1	1	1							
W	1	1	1	1	1	1							
WNW	1	1	1	1	1	1	1						
NW	1	1	1	1	1	1	1						
NNW	1	1	1	1	1	1	1						
VARBL													
CALM													
	2	11	7	2	6	4	3						

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

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

STATION 74-50 STATION NAME ALL-ATOP YEARS 7-11 MONTH 7-11
CLASS ALL-ATOP HOURS (LST) 7-11
CONDITION ALL-ATOP

SPEED (KNTS) DIR.	1 - 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								4.0	4.0
NNE	1.0	1.0	1.0	1.0	1.0							4.0	4.0
NE	1.0	1.0	1.0	1.0	1.0	1.0						4.0	4.0
ENE	1.0	1.0	1.0	1.0	1.0	1.0						4.0	4.0
E	1.0	1.0	1.0	1.0	1.0	1.0						4.0	4.0
ESE	1.0	1.0	1.0	1.0	1.0	1.0						4.0	4.0
SE	1.0	1.0	1.0	1.0	1.0	1.0						4.0	4.0
SSE	1.0	1.0	1.0	1.0	1.0	1.0						4.0	4.0
S	1.0	1.0	1.0	1.0	1.0	1.0						4.0	4.0
SSW	1.0	1.0	1.0	1.0	1.0	1.0						4.0	4.0
SW	1.0	1.0	1.0	1.0	1.0	1.0						4.0	4.0
WSW	1.0	1.0	1.0	1.0	1.0	1.0						4.0	4.0
W	1.0	1.0	1.0	1.0	1.0	1.0						4.0	4.0
WNW	1.0	1.0	1.0	1.0	1.0	1.0						4.0	4.0
NW	1.0	1.0	1.0	1.0	1.0	1.0						4.0	4.0
NNW	1.0	1.0	1.0	1.0	1.0	1.0						4.0	4.0
VARBL	1.0	1.0	1.0	1.0	1.0	1.0						4.0	4.0
CALM	1.0	1.0	1.0	1.0	1.0	1.0						4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 100

ALC 01011707
T
107 000 000 000

SURFACE WINDS

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

STATION 107 000 000 000 STATION NAME 14-50 YEARS 14-50 MONTH 14
CLASS ALL AVAILABLE HOURS (L.S.T.) 14
CONDITION

SPEED (KNTS) DIR.	1 - 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										4.0	2.3
NNE	2.0	2.0	1.0	.2								7.0	4.4
NE		2.0	1.4	.3	.5							1.0	2.0
ENE	1.0	1.0	1.0	.7								.0	2.0
E	1.0		.7	.1								.0	4.0
ESE		.7		.1								1.0	2.0
SE		.1	.1									.7	2.7
SSE	1.0											1.0	2.0
S	1.0			.1								.0	2.7
SSW				.1								.0	4.0
SW		1.0	2.0	2.2	.6	.1						.0	1.0
WSW			2.1	3.4	.6	.3						7.0	1.0
W			1.4	2.4	.7	.2						.0	1.0
WNW		.2	.7	.3	1.7	.3	.1					2.7	1.4
NW		.1	.1	.4	.6	.2						.0	1.0
NNW	.0	.1	.1									.0	2.7
VARBL													
CALM												1.0	
	.2	1.0	1.0	1.0	4.6	1.2	.1					1.0	2.7

TOTAL NUMBER OF OBSERVATIONS 14

ALBUQUERQUE, NM
 1974-75
 1974-75

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

SURFACE WINDS

STATION ALBUQUERQUE, NM STATION NAME 74-75 YEARS 1974-75 MONTH 1974-1975
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.3	.7	.1									
NNE		1.7	.7	.2									
NE	2.3	2.3	.7	.5	.1								
ENE	.7	1.7	1.1	.7									
E	1.7	1.7	1.7	.2									
ESE		.7											
SE		.7											
SSE		.1											
S	1.7	.7											
SSW	.7	.7	.7	.1									
SW	1.7	1.2	2.5	2.3	.2	.1							
WSW	.7	1.7	3.7	4.3	.9	.1							
W	.7	2.5	3.5	3.4	.2	.3	.1						
WNW	.7	.7	1.9	3.0	1.6	.3	.1						
NW	.7	.7	.7	1.2		.7							
NNW		.7				.7							
VARBL													
CALM													
	2.3	17.2	15.5	16.2	7.7	1.4	.2						

TOTAL NUMBER OF OBSERVATIONS 222

ALCANTARA, CALIF. 1954
TAC
101-105-101-101

SURFACE WINDS

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

STATION 2-100 STATION NAME LEWIS AFB, CA YEARS 74-83 MONTH 1-12
CLASS ALL WEATHER HOURS (L.S.T.) 0-2400
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	1.1	1.2										1.1	2.2
NNE	1.7	2.0	1.1	1.1								1.1	2.2
NE	1.1	1.1	1.1	1.1								1.1	2.4
ENE	1.1	1.1	1.1	1.1								1.1	4.1
E	1.1	1.1	1.1	1.1								1.1	4.1
ESE	1.1	1.1	1.1	1.1								1.1	2.2
SE	1.1	1.1	1.1	1.1								1.1	2.2
SSE	1.1	1.1	1.1	1.1								1.1	4.1
S	1.1	1.2	1.1	1.1								1.1	2.2
SSW	1.1	1.7	1.1	1.1								1.1	4.1
SW	1.1	1.7	1.1	1.1								1.1	2.2
WSW	1.1	1.1	1.1	1.1	1.1							1.1	2.2
W	1.1	1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.2
WNW	1.1	1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.2
NW	1.1	1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.2
NNW	1.1	1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.2
VARBL	1.1	1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.2
CALM	1.1	1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.2
	22.1	14.4	14.4	14.4	2.3	2.3	2.3					1.1	4.1

TOTAL NUMBER OF OBSERVATIONS 100

WIND CLIMATE DATA
 REPORT
 FOR THE MONTH OF

SURFACE WINDS

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

STATION 2405 STATION NAME CLARK AFB CA YEARS 74-75 MONTH 7-75
 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	.4	.5	.7									1.1	3.4
NNE	.1	1.1										.2	1.1
NE												.1	.1
ENE	1.1	.1										1.7	1.1
E	.1	.7										.1	.1
ESE	.1	.7										1.1	1.1
SE		.7										.7	1.1
SSE	.1											.1	1.1
S	.7	2.4	.7									3.1	1.1
SSW	.1	2.4	2.4	.7								5.1	1.1
SW	.7	2.7	2.7	1.1	.3							6.1	1.1
WSW	.1	2.7	5.1	2.1	.7							11.1	1.1
W	1.1	6.1	2.1	1.4								10.1	1.1
WNW	.4	2.7	.7	.3	.3	.3						7.1	1.1
NW	1.1	2.7										3.1	1.1
NNW	.1	.7										.1	1.1
VARBL												.1	1.1
CALM												1.1	
	2.9	16.2	14.5	4.5	1.4	.3						37.1	4.1

TOTAL NUMBER OF OBSERVATIONS 40

U.S. AIR FORCE
 CLIMATE DIVISION
 WASHINGTON, D.C.

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

SURFACE WINDS

STATION AFB, CA STATION NAME AFB, CA YEARS 19-20 MONTH 1-12
 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	1.4	1.4	.7	.1								.7	3.4
NNE	.3	1.0	.7	.1								.1	4.2
NE	.7	.7	.7									.1	4.4
ENE	.7	.7	.7	.1								.1	4.5
E	.7	.7										.7	4.2
ESE	.7	.7										.7	4.2
SE	.7	.7										.7	4.2
SSE	.7	.7										.7	4.2
S	.7	.7	.7	.1	.1							.7	4.4
SSW	1.4	.7	.7		.1							.7	4.2
SW	.7	.7	.7	.7	.1							.7	4.2
WSW	.7	.7	.7	.7								.7	4.2
W	.7	.7	.7	.7	.7	.1						.7	4.2
WNW	.7	.7	.7	.7	.7							.7	4.2
NW	.7	.7	.7	.7	.7							.7	4.2
NNW	.7	.7			.7							.7	4.2
V-RBL													
CALM													
	2.5	1.2	1.5	1.8	.8	.1						1.0	2.7

TOTAL NUMBER OF OBSERVATIONS 107

AL CLIMATELOGY DIVISION
 1-0
 METEOROLOGICAL SERVICE

SURFACE WINDS

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

STATION 74-01 STATION NAME ALL WEATHER YEARS 74-01 MONTH 1-1
 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	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	1.0	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	1.0	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	1.0	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	1.0	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	1.0	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	1.0	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													
CALM													

TOTAL NUMBER OF OBSERVATIONS 60

SURFACE WINDS

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

STATION 74-51 STATION NAME ALL WEATHER YEARS 1958-1959 MONTH 1-12
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	0.4	1.7	0.7	0.7		0.1						0.4	4.0
NNE	4.1	1.7	0.7	0.7	0.1	0.1						7.2	4.5
NE	0.7	0.7	0.7	0.4	0.1	0.1						1.1	5.3
ENE	1.0	1.3	0.7	0.7	0.1							4.1	5.5
E	0.7	0.9	0.6	0.6	0.1							4.7	5.0
ESE	0.1	0.1										0.1	5.1
SE	0.1	0.1										0.1	5.1
SSE	0.1	0.7										1.0	5.1
S	1.0	0.7	0.2									1.0	5.4
SSW	1.1	0.7	0.4	0.7		0.1						2.0	6.0
SW	0.7	0.1	2.2	2.4	0.7							3.4	5.3
WSW	0.1	1.0	1.3	2.9	0.9							3.1	11.5
W	0.1	0.3	1.7	3.6	0.9	0.3	0.1					4.4	10.2
WNW	0.1	0.7	0.6	1.7	0.8	0.2	0.1					4.0	10.4
NW	0.1		0.1	0.1	0.2	0.1						0.1	5.1
NNW	0.1	0.7		0.1								0.1	5.1
VARBL													
CALM												7.0	
	2.0	12.3	2.0	1.9	3.6	1.1	0.2					15.0	4.0

TOTAL NUMBER OF OBSERVATIONS 100

ALBUQUERQUE, N.M.
 1974-75
 74-83

SURFACE WINDS

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

STATION ALBUQUERQUE, N.M. STATION NAME 74-83 YEARS 74-83 MONTH 7-17
 CLASS ALL WEATHER
 HOURS (L.S.T.) 7-17
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.5	2.7									7.4	4.1
NNE		2.2	2.5	1.1								2.2	4.2
NE	1.1	2.0	2.6	2.8		2.2						2.2	2.7
ENE	1.4		2.3	2.6								2.0	2.7
E	2.1	1.7	2.5	2.6								4.4	4.7
ESE		2.2											2.4
SE		2.1	2.1									2.1	2.4
SSE		2.2	2.1									2.1	2.4
S		2.3	2.1									2.3	2.4
SSW		2.7	2.7									2.7	4.2
SW		1.4	2.3	2.2	2.7							7.4	2.2
WSW		1.4	2.1	2.3	2.5							2.1	2.2
W		2.2	2.4	2.4	2.9							7.4	11.1
WNW		2.5	2.2	1.5	1.4	2.6	2.2					2.6	1.2
NW		2.1	2.5	1.7	2.2	2.1						2.1	1.2
NNW	2.1	2.2										1.7	2.2
VARBL													
CALM												7.7	
	1.7	14.5	13.4	11.4	7.7	2.9	2.2					1.7	4.2

TOTAL NUMBER OF OBSERVATIONS 17

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 CLASS _____
 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	1.2	2.7	2.7	2.7								2.7	2.7
NNE	1.2	1.2	2.7	2.7								2.7	2.7
NE		2.7	2.7	2.7								2.7	2.7
ENE		2.7	2.7	2.7								2.7	2.7
E		2.7	2.7	2.7								2.7	2.7
ESE												2.7	2.7
SE		2.7										2.7	2.7
SSE		2.7	2.7									2.7	2.7
S		2.7	2.7	2.7								2.7	2.7
SSW	1.2	1.2	2.7	2.7								2.7	2.7
SW	1.2	1.2	2.7	2.7	2.7							2.7	2.7
WSW	1.2	2.7	2.7	2.7	2.7							2.7	2.7
W	2.7	2.7	2.7	2.7	2.7	2.7						2.7	2.7
WNW	2.7	2.7	2.7	2.7	2.7	2.7	2.7					2.7	2.7
NW	2.7	2.7	2.7	2.7	2.7	2.7	2.7					2.7	2.7
NNW	2.7	2.7	2.7	2.7	2.7	2.7	2.7					2.7	2.7
VARBL													
CALM													
	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7

TOTAL NUMBER OF OBSERVATIONS _____

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

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

TOTAL NUMBER OF OBSERVATIONS

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CEILING VERSUS VISIBILITY

PART 3

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

Beginning in January 1968, 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. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the 10 mi visibility category should be used with great caution.

For overseas civilian stations reporting "CAVOK", all ceilings greater than 5,000 feet are suppressed into the 5,000 foot ceiling class.

AD-A159 688 EDWARDS AFB CALIFORNIA LIMITED SURFACE OBSERVATIONS
CLIMATE SUMMARY (LIS..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. DEC 84
UNCLASSIFIED USAFETAC/DS-84/039 F/G 4/2

EDWARDS AFB CALIFORNIA LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARY (LIS..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. DEC 84
USAFETAC/DS-84/039 F/G 4/2

24

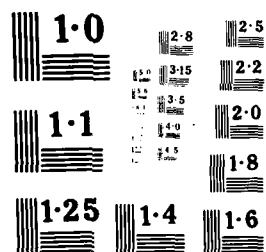
UNCLASSIFIED

USAFETAC/DS-84/039

F/G 4/2

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CEILING VERSUS VISIBILITY

73-84

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$$v \in B, \quad v \in A, \quad v \in W.$$
[illegible]TOTAL NUMBER OF OBSERVATIONS 972

AL CLIMATOLOGY BRANCH
STAG
CATER SERVICE/MAO

CEILING VERSUS VISIBILITY

STATION NAME EDWARDS AFB CA YEAR 75-84 DATE 11-20-1400
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	67.5	63.5	69.7	63.7	67.7	60.7	62.7	68.7	68.7	63.7	68.7	63.7	69.7	60.7	67.7	60.7
900	75.7	73.1	74.3	74.3	73.3	76.3	71.3	76.4	78.4	78.4	73.4	73.4	73.4	73.4	73.4	73.4
800	77.4	73.8	75.9	78.9	74.9	78.9	72.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
700	77.6	79.0	79.1	79.1	73.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
600	80.9	82.5	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
500	80.6	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
400	85.1	87.0	87.1	87.1	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
300	85.7	87.2	87.3	87.3	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
200	86.2	88.1	88.3	88.3	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
100	87.1	88.9	89.1	89.1	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
0	87.7	89.7	90.0	90.1	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
1000	88.9	91.3	91.5	91.6	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
900	92.4	93.4	93.7	93.8	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
800	92.7	93.7	94.2	94.3	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
700	92.3	95.5	95.9	96.1	96.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
600	92.3	95.7	96.4	96.6	97.1	97.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
500	92.5	95.9	96.6	96.9	97.5	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
400	92.6	96.4	97.1	97.5	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
300	92.6	96.6	97.2	97.7	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
200	92.7	96.9	97.5	98.1	98.8	98.8	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
100	92.7	96.9	97.6	98.3	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	92.1	97.1	97.3	98.2	99.1	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1000	92.2	97.1	97.8	98.2	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
900	92.2	97.1	97.8	98.2	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
800	92.2	97.1	97.8	98.2	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
700	92.2	97.1	97.8	98.2	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
600	92.2	97.1	97.8	98.2	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
500	92.2	97.1	97.8	98.2	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
400	92.2	97.1	97.8	98.2	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
300	92.2	97.1	97.8	98.2	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
200	92.2	97.1	97.8	98.2	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
100	92.2	97.1	97.8	98.2	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0	92.2	97.1	97.8	98.2	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 936

JOINT CLIMATE SERVICE BRANCH
ETAC
JOINT CLIMATE SERVICE/MAAC

CEILING VERSUS VISIBILITY

2.011 10-4-55 AFB CA

75-54

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11-2-17-2

VISIBILITY STATUTE MILES

	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10
17.5	64.4	64.5	64.6	64.6	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
17.3	74.7	74.8	75.0	75.0	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
14.7	75.5	75.5	75.8	75.8	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
14.5	75.5	75.5	75.8	75.8	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
17.5	76.6	76.9	79.1	79.1	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
11.5	82.9	87.0	83.2	87.3	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
15.2	86.9	87.0	87.3	87.4	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
15.2	86.9	87.0	87.3	87.4	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
11.1	87.7	87.8	88.3	88.4	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
14.2	88.1	88.2	88.5	88.7	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
17.7	89.1	89.2	89.8	90.1	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
10.4	91.9	92.0	92.7	92.9	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
10.6	92.2	92.3	92.9	93.1	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
11.2	94.4	94.6	95.2	95.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
11.7	94.5	94.7	95.4	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
12.4	96.6	96.8	97.5	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
12.4	96.6	96.8	97.6	98.1	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
12.5	96.8	97.1	97.9	98.5	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
12.5	97.0	97.3	98.1	98.7	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
12.5	97.1	97.5	98.3	99.0	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
12.6	97.2	97.6	98.5	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
12.6	97.2	97.6	98.5	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
12.7	97.5	97.8	98.7	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
12.7	97.5	97.8	98.7	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
12.7	97.5	97.8	98.7	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
12.7	97.5	97.8	98.7	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
12.7	97.5	97.8	98.7	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
12.7	97.5	97.8	98.7	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
12.7	97.5	97.8	98.7	99.3	99.4	99.4	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 975

1. AIR CLIMATOLOGY REPORT
2. STATION
3. FATHER SERVICE/NAAC

CEILING VERSUS VISIBILITY

12-31-75 STATION NAME: ANDERS AFB CA

75-84

163

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

GROUP-0600

		VISIBILITY - STATUTE MILES															
		20	16	12	8	4	2	1	1/2	1/4	1/8	1/16	1/32	1/64	1/128	1/256	1/512
100	75.4	74.1	74.3	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.3
95	75.3	75.7	75.2	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.9	81.0
90	75.3	80.7	81.0	81.7	81.9	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	82.0
85	75.4	81.9	81.1	81.8	81.9	81.9	81.9	81.9	82.1	82.0	82.0	82.0	82.0	82.0	82.0	82.2	82.3
80	75.7	84.8	85.2	85.9	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.4	87.0
75	84.2	86.6	87.1	87.9	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.4	89.0
70	86.8	88.5	89.7	89.8	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.3	90.9
65	87.3	88.8	89.2	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.5	91.1
60	7.7	90.3	90.1	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.3	91.4
55	87.9	89.7	90.2	91.1	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.6	92.2
50	88.4	90.2	91.5	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.0	92.7
45	90.6	91.4	92.1	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.3	93.9
40	90.1	91.8	92.4	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.7	94.3
35	91.4	93.3	93.9	94.2	95.0	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.4	96.0
30	91.7	93.6	94.0	95.4	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.9	96.6
25	92.1	95.2	95.1	97.3	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.9	98.6
20	92.7	95.2	96.1	97.3	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.9	98.6
15	92.1	95.3	96.3	97.5	97.6	97.6	97.6	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.2	98.8
10	92.1	95.3	96.3	97.5	97.6	97.6	97.6	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.2	98.8
5	92.3	95.5	96.6	97.8	98.0	98.0	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.5	98.6	99.2
0	92.3	95.6	96.8	98.0	98.2	98.2	98.2	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.8	99.4
95	92.3	95.6	96.8	98.0	98.2	98.2	98.2	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.8	99.4
90	92.3	95.7	96.7	98.1	98.3	98.3	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.9	99.5
85	92.3	95.7	96.7	98.1	98.3	98.3	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.9	99.5
80	92.3	95.7	96.9	98.1	98.3	98.3	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.9	99.6
75	92.3	95.7	96.9	98.1	98.3	98.3	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.9	99.6
70	92.3	95.7	96.9	98.1	98.3	98.3	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.9	99.6
65	92.3	95.7	96.9	98.1	98.3	98.3	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.9	99.6
60	92.3	95.7	96.9	98.1	98.3	98.3	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.9	99.6
55	92.3	95.7	96.9	98.1	98.3	98.3	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.9	99.6
50	92.3	95.7	96.9	98.1	98.3	98.3	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.9	99.6
45	92.3	95.7	96.9	98.1	98.3	98.3	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.9	99.6
40	92.3	95.7	96.9	98.1	98.3	98.3	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.9	99.6
35	92.3	95.7	96.9	98.1	98.3	98.3	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.9	99.6
30	92.3	95.7	96.9	98.1	98.3	98.3	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.9	99.6
25	92.3	95.7	96.9	98.1	98.3	98.3	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.9	99.6
20	92.3	95.7	96.9	98.1	98.3	98.3	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.9	99.6
15	92.3	95.7	96.9	98.1	98.3	98.3	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.9	99.6
10	92.3	95.7	96.9	98.1	98.3	98.3	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.9	99.6
5	92.3	95.7	96.9	98.1	98.3	98.3	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.9	99.6
0	92.3	95.7	96.9	98.1	98.3	98.3	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.9	99.6

TOTAL NUMBER OF OBSERVATIONS 846

ALCANTARILLO BRANCH
 101AC
 101AC

CEILING VERSUS VISIBILITY

2-1-1 101AC AFB CA

75-84

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1000-1400

		VISIBILITY IN FEET															
		20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
60.1	60.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
70.1	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
79.7	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
80.1	80.7	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
84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
86.5	86.1	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	86.5	86.5	86.5
88.5	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
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	89.2	89.2
90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	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
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
98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
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	99.4
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	99.6	99.6
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
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	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 649

CEILING VERSUS VISIBILITY

76-424

566

..-175..

TOTAL NUMBER OF OBSERVATIONS 241

USAF F1A 0-14-5 IOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0	99.0	100.0
14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

72-14

45.

100-245

1.3	2.3	3.3	4.3	5.3	6.3	7.3	8.3	9.3	10.3	11.3	12.3	13.3	14.3	15.3	16.3	17.3	18.3	19.3	20.3
2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	14.4	15.4	16.4	17.4	18.4	19.4	20.4	21.4
3.5	4.5	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5	13.5	14.5	15.5	16.5	17.5	18.5	19.5	20.5	21.5	22.5
4.6	5.6	6.6	7.6	8.6	9.6	10.6	11.6	12.6	13.6	14.6	15.6	16.6	17.6	18.6	19.6	20.6	21.6	22.6	23.6
5.7	6.7	7.7	8.7	9.7	10.7	11.7	12.7	13.7	14.7	15.7	16.7	17.7	18.7	19.7	20.7	21.7	22.7	23.7	24.7
6.8	7.8	8.8	9.8	10.8	11.8	12.8	13.8	14.8	15.8	16.8	17.8	18.8	19.8	20.8	21.8	22.8	23.8	24.8	25.8
7.9	8.9	9.9	10.9	11.9	12.9	13.9	14.9	15.9	16.9	17.9	18.9	19.9	20.9	21.9	22.9	23.9	24.9	25.9	26.9
8.10	9.10	10.10	11.10	12.10	13.10	14.10	15.10	16.10	17.10	18.10	19.10	20.10	21.10	22.10	23.10	24.10	25.10	26.10	27.10
9.11	10.11	11.11	12.11	13.11	14.11	15.11	16.11	17.11	18.11	19.11	20.11	21.11	22.11	23.11	24.11	25.11	26.11	27.11	28.11
10.12	11.12	12.12	13.12	14.12	15.12	16.12	17.12	18.12	19.12	20.12	21.12	22.12	23.12	24.12	25.12	26.12	27.12	28.12	29.12
11.13	12.13	13.13	14.13	15.13	16.13	17.13	18.13	19.13	20.13	21.13	22.13	23.13	24.13	25.13	26.13	27.13	28.13	29.13	30.13
12.14	13.14	14.14	15.14	16.14	17.14	18.14	19.14	20.14	21.14	22.14	23.14	24.14	25.14	26.14	27.14	28.14	29.14	30.14	31.14
13.15	14.15	15.15	16.15	17.15	18.15	19.15	20.15	21.15	22.15	23.15	24.15	25.15	26.15	27.15	28.15	29.15	30.15	31.15	32.15
14.16	15.16	16.16	17.16	18.16	19.16	20.16	21.16	22.16	23.16	24.16	25.16	26.16	27.16	28.16	29.16	30.16	31.16	32.16	33.16
15.17	16.17	17.17	18.17	19.17	20.17	21.17	22.17	23.17	24.17	25.17	26.17	27.17	28.17	29.17	30.17	31.17	32.17	33.17	34.17
16.18	17.18	18.18	19.18	20.18	21.18	22.18	23.18	24.18	25.18	26.18	27.18	28.18	29.18	30.18	31.18	32.18	33.18	34.18	35.18
17.19	18.19	19.19	20.19	21.19	22.19	23.19	24.19	25.19	26.19	27.19	28.19	29.19	30.19	31.19	32.19	33.19	34.19	35.19	36.19
18.20	19.20	20.20	21.20	22.20	23.20	24.20	25.20	26.20	27.20	28.20	29.20	30.20	31.20	32.20	33.20	34.20	35.20	36.20	37.20
19.21	20.21	21.21	22.21	23.21	24.21	25.21	26.21	27.21	28.21	29.21	30.21	31.21	32.21	33.21	34.21	35.21	36.21	37.21	38.21
20.22	21.22	22.22	23.22	24.22	25.22	26.22	27.22	28.22	29.22	30.22	31.22	32.22	33.22	34.22	35.22	36.22	37.22	38.22	39.22
21.23	22.23	23.23	24.23	25.23	26.23	27.23	28.23	29.23	30.23	31.23	32.23	33.23	34.23	35.23	36.23	37.23	38.23	39.23	40.23

TOTAL NUMBER OF OBSERVATIONS _____ 42

0-14-5 OL A previous edition of this form not observed

CEILING VERSUS VISIBILITY

75-24

42.

44-38861-1722

[illegible]TOTAL NUMBER OF OBSERVATIONS 234

CEILING VERSUS VISIBILITY

75-34

425

42-2-14-

TOTAL NUMBER OF OBSERVATIONS 89

CEILING VERSUS VISIBILITY

75-34

STAYON NAME

422

44-38861-1000

• *Shirley, 1944* (1944)

TOTAL NUMBER OF OBSERVATIONS 623

USAF ETAC 0-14-510L A: PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

75-84

442

2122-2322

[illegible]TOTAL NUMBER OF OBSERVATIONS 30

USAF F-4A 0-14-57OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

75-64

42

1-2000-2000

TOTAL NUMBER OF OBSERVATIONS _____ 929

AL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE (MAC)

CEILING VERSUS VISIBILITY

2-110
FORM

STATIONS AFB CA

75-84

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

10-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	67.7	67.2	67.2	67.2	67.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
900	74.1	75.8	75.9	75.9	76.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
800	74.7	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
700	74.8	75.7	76.9	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
600	76.7	76.5	76.6	76.6	76.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
500	77.4	81.2	81.3	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
400	81.1	83.7	83.1	83.1	83.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
300	81.6	83.5	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
200	82.4	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
100	82.4	84.4	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
0	84.1	86.1	86.3	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
1000	86.6	88.8	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
900	87.0	89.6	89.4	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
800	87.0	89.6	89.4	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
700	87.0	89.6	89.4	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
600	87.0	89.6	89.4	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
500	87.0	89.6	89.4	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
400	87.0	89.6	89.4	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
300	87.0	89.6	89.4	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
200	87.0	89.6	89.4	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
100	87.0	89.6	89.4	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
0	87.0	89.6	89.4	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
1000	87.0	89.6	89.4	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
900	87.0	89.6	89.4	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
800	87.0	89.6	89.4	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
700	87.0	89.6	89.4	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
600	87.0	89.6	89.4	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
500	87.0	89.6	89.4	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
400	87.0	89.6	89.4	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
300	87.0	89.6	89.4	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
200	87.0	89.6	89.4	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
100	87.0	89.6	89.4	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
0	87.0	89.6	89.4	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

TOTAL NUMBER OF OBSERVATIONS 930

U. S. AIR CLIMATOLOGY BRANCH
 OFFICE
 AIR WEATHER SERVICE MAC

CEILING VERSUS VISIBILITY

12-310 12-310S AFM CA

75-84

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

12-310-1400

		VISIBILITY - STATUTE MILES															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1000	67.4	58.3	68.3	63.3	57.4	66.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
900	76.2	76.2	76.2	76.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
800	76.7	77.5	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
700	76.5	77.7	77.7	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
600	77.0	78.8	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
500	80.4	81.3	81.3	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
400	82.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
300	83.2	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
200	84.3	85.4	85.5	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
100	84.5	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
50	86.0	87.1	87.2	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
20	89.5	89.8	89.8	89.8	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
10	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
5	91.6	93.0	93.2	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
2	92.3	94.2	94.4	94.5	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	95.5	97.5	97.7	98.1	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
0.5	95.8	97.8	98.7	98.5	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
0.2	96.0	98.1	98.4	98.7	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
0.1	96.0	98.1	98.4	98.7	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
0.05	96.1	98.4	98.8	99.2	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
0.02	96.5	98.8	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.01	96.5	98.8	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.005	96.5	98.8	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.002	96.5	98.8	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.001	96.5	98.8	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0005	96.5	98.8	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0002	96.5	98.8	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0001	96.5	98.8	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.00005	96.5	98.8	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.00002	96.5	98.8	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.00001	96.5	98.8	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

U.S. AIR FORCE
CLIMATE DIVISION
ATLANTA, GEORGIA

CEILING VERSUS VISIBILITY

12-31-54 1944-5 APR 54

75-24

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1952-1954

		VISIBILITY STATISTICS															
		26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11
1000	5.9	97.2	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	87.5
900	11.1	92.2	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
800	11.7	92.7	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	11.7	92.7	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
600	11.6	93.1	93.1	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
500	12.7	93.7	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
400	12.7	94.1	94.2	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
300	12.7	94.1	94.2	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
200	13.5	94.2	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
100	14.4	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
50	15.9	97.4	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	97.7
20	15.9	97.4	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	97.7
10	17.1	98.5	98.6	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	99.0
5	17.7	98.8	98.9	99.1	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
1	18.1	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.5	18.1	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.2	18.1	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.1	18.1	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.05	18.1	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.02	18.1	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.01	18.1	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.005	18.1	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.002	18.1	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.001	18.1	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0005	18.1	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0002	18.1	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0001	18.1	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

CEILING VERSUS VISIBILITY

75-34

444

100-110

• 25 •

TOTAL NUMBER OF OBSERVATIONS 95

USAF ETAC 0-14.5-OL A previous editions of this form are OBSOLETE

CEILING VERSUS VISIBILITY

المجلس

1-2-14-10

TOTAL NUMBER OF OBSERVATIONS 92

USAF F-4C 74-0145-01. A previous edition of this form has been cancelled.

CEILING VERSUS VISIBILITY

75 - 34

44

44-38861-1733

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

TOTAL NUMBER OF OBSERVATIONS _____ 931

CEILING VERSUS VISIBILITY

75-26

1-55-255

[illegible]TOTAL NUMBER OF OBSERVATIONS 92

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

[illegible]

1-24-64

TOTAL NUMBER OF OBSERVATIONS 122

Journal of Management Education 30(6)p.789-804 © 2006 Sage Publications
10.1177/1053426906288106

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]TOTAL NUMBER OF OBSERVATIONS 834

THE UNIVERSITY OF CHICAGO

1-800-955-1467

TOTAL NUMBER OF OBSERVATIONS 534

1. THE UNITED STATES OF AMERICA

CEILING VERSUS VISIBILITY

...

74-5, 2

2.2

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

44-38861-1100

1. *Chlorophyll a* (Chl *a*)

[illegible]TOTAL NUMBER OF OBSERVATIONS 220

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

[illegible]

SECRET

74-23

کے لیے

$$- \frac{1}{2} \log 2 = -0.1505$$

• *Journal of the American Medical Association*, 2000; 283: 2686-2692

TOTAL NUMBER OF OBSERVATIONS 894

CEILING VERSUS VISIBILITY

74-12

573

11-2-255

TOTAL NUMBER OF OBSERVATIONS 24

USAF FIAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

2-21-71 - S. A. CA

75-24

442

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

15-3-1722

• • • • •

[illegible]TOTAL NUMBER OF OBSERVATIONS 527

1. AIRCRAFT CLOUD COVER
2. TIME
3. DATE

CEILING VERSUS VISIBILITY

4. NAME OF AIRCRAFT
5. TYPE OF SERVICE

6. DATE

7. TIME

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

8. TOTAL NUMBER OF OBSERVATIONS

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| 900 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| 800 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| 700 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| 600 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| 500 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| 400 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| 300 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| 200 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| 100 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| 0 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |

TOTAL NUMBER OF OBSERVATIONS 926

CEILING VERSUS VISIBILITY

74-53

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

7-2

[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

USAF ETAC 0-14.5 IOL A: PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

74-87

627

-22-1100

TOTAL NUMBER OF OBSERVATIONS 97

AL CLIMATE DIVISION
ATLANTIC SERVICE AREA

CEILING VERSUS VISIBILITY

STATION NAME

74-54

0001

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1959-1960

| | | VISIBILITY IN FEET | | | | | | | | | | | | | | | |
|------|------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 |
| 1.0 | 93.1 | 97.1 | 93.1 | 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 |
| 2.0 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| 3.0 | 91.1 | 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 |
| 4.0 | 91.2 | 91.4 | 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 |
| 5.0 | 93.1 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| 6.0 | 94.2 | 94.3 | 94.3 | 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 |
| 7.0 | 95.3 | 95.4 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| 8.0 | 95.4 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| 9.0 | 96.4 | 96.7 | 96.7 | 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 |
| 10.0 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| 11.0 | 98.2 | 98.3 | 98.3 | 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 |
| 12.0 | 98.2 | 98.3 | 98.3 | 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 |
| 13.0 | 99.1 | 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 | 99.5 | 99.5 |
| 14.0 | 99.1 | 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 | 99.5 | 99.5 |
| 15.0 | 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 |
| 16.0 | 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 |
| 17.0 | 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 |
| 18.0 | 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 |
| 19.0 | 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 |
| 20.0 | 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 |
| 21.0 | 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 |
| 22.0 | 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 |
| 23.0 | 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 |
| 24.0 | 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 |
| 25.0 | 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 |
| 26.0 | 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 |
| 27.0 | 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 |
| 28.0 | 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 |
| 29.0 | 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 |
| 30.0 | 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 |

TOTAL NUMBER OF OBSERVATIONS 930

CEILING VERSUS VISIBILITY

74-63

11-3-112

TOTAL NUMBER OF OBSERVATIONS 932

USAF FIAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

74-23

221

4-59-2555

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

TOTAL NUMBER OF OBSERVATIONS 429

USAF F-4C 0-14-57OL A: PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

_____ DATE _____ NAME _____

74-23

— 2 —

---Red---

TOTAL NUMBER OF OBSERVATIONS 22

CEILING VERSUS VISIBILITY

74-22

408

1345-1454

TOTAL NUMBER OF OBSERVATIONS 85

CEILING VERSUS VISIBILITY

11-2

4-11-2011

TOTAL NUMBER OF OBSERVATIONS 188

24-22

- ۱۱۱ -

$$x_{11} = 100$$

• • • • •

TOTAL NUMBER OF OBSERVATIONS 157

1. STATION NAME

2. DATE

3. TIME

USE WITH CAUTION
SEE FIRST PAGE

SKY COVER

4. LOCATION

5. TIME

6. DATE

7. NAME

8. NAME

9. NAME

10. NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

| MONTH | HOURS
OBS. | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | TOTAL
PERCENTAGE
OCCURRENCE |
|--------|---------------|---|---|---|------|---|---|---|---|---|------|-----|-----|-----------------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| 1-10 | | | | | | | | | | | | | | |
| 1-11 | 44.7 | | | | 1.0 | | | | | | 2.0 | 2.0 | 2.0 | 37.7 |
| 1-12 | 47.6 | | | | 4.0 | | | | | | 2.0 | 3.0 | 2.0 | 47.6 |
| 1-13 | | | | | | | | | | | | | | |
| 1-14 | 47.1 | | | | 44.0 | | | | | | 8.0 | 3.0 | 2.0 | 47.1 |
| 1-15 | | | | | | | | | | | | | | |
| 1-16 | 2.0 | | | | 5.0 | | | | | | 11.0 | 3.0 | 2.0 | 22.0 |
| 1-17 | 37.7 | | | | 1.0 | | | | | | 15.0 | 3.0 | 2.0 | 21.7 |
| 1-18 | | | | | | | | | | | | | | |
| 1-19 | 41.0 | | | | 4.0 | | | | | | 11.0 | 3.0 | 2.0 | 20.0 |
| 1-20 | | | | | | | | | | | | | | |
| 1-21 | 7.0 | | | | 2.0 | | | | | | | | 2.0 | 11.0 |
| 1-22 | | | | | | | | | | | | | | |
| 1-23 | | | | | | | | | | | | | | |
| 1-24 | | | | | | | | | | | | | | |
| 1-25 | | | | | | | | | | | | | | |
| 1-26 | | | | | | | | | | | | | | |
| 1-27 | | | | | | | | | | | | | | |
| 1-28 | | | | | | | | | | | | | | |
| 1-29 | | | | | | | | | | | | | | |
| 1-30 | | | | | | | | | | | | | | |
| TOTALS | 47.6 | | | | 44.1 | | | | | | 6.4 | 2.7 | 2.4 | 44.2 |

USAFETAC

FORM
JUL 64

0 9 5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

17-12

550

100

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

| MONTH | HOURS
LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | TOTAL
PERCENT | TOTAL
HOURS | |
|--------|--------------|---|---|---|------|---|---|---|---|---|------|------------------|----------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| -1 | -1 | | | | | | | | | | | | | |
| -1 | 41.1 | | | | 41.7 | | | | | | 17.1 | 1.7 | 1.7 | 7.1 |
| -1 | 51.1 | | | | 74.4 | | | | | | 11.7 | 1.7 | 1.7 | 5.1 |
| -11 | 41.7 | | | | 37.8 | | | | | | 17.1 | . | 1.7 | 4.7 |
| 1-14 | 31.1 | | | | 41.4 | | | | | | 17.7 | 1.7 | 1.7 | 9.7 |
| 1-17 | 37. | | | | 41.4 | | | | | | 14.9 | 1.7 | 1.7 | 5.7 |
| 1-20 | 41.1 | | | | 41.7 | | | | | | 17.4 | 1.4 | 1.7 | 4.7 |
| 1-27 | 56. | | | | 21.2 | | | | | | 4.7 | | 1.7 | 4.7 |
| TOTALS | 47. | | | | 1.9 | | | | | | 17.2 | 1.1 | 1.4 | 47.4 |

U.S. AIR FORCE
CLIMATE DIVISION
WASH. D.C.

USE WITH CAUTION
SEE FIRST PAGE

SKY COVER

STATION NAME

FIG. 1

DATE

STATION

STATION NAME

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

| MONTH | HOURS
LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
SKY COVER | TOTAL |
|--------|--------------|---|---|---|------|---|---|---|---|---|------|-------------------|-------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| 7-8 | 44.1 | | | | 1.1 | | | | | | 17.1 | 1.7 | 2.7 |
| 8-9 | 7.1 | | | | 3.1 | | | | | | 11.7 | 1.7 | 2.7 |
| 9-10 | 47.2 | | | | 4.1 | | | | | | 12.2 | 1.7 | 2.7 |
| 10-11 | 3.1 | | | | 4.1 | | | | | | 14.7 | 2.7 | 2.7 |
| 11-12 | 37.1 | | | | 1.1 | | | | | | 14.4 | 2.7 | 2.7 |
| 12-1 | 47.1 | | | | 47.1 | | | | | | 11.1 | 1.7 | 2.7 |
| 1-2 | 46.7 | | | | 2.1 | | | | | | 2.1 | 1.7 | 1.7 |
| TOTALS | 4.1 | | | | 2.4 | | | | | | 11.7 | 1.7 | 2.4 |

USAFETAC

FORM
JUL 64

0-9.5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

75-64

| NAME | NAME |
|------|------|
|------|------|

550

24

• • •

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

| MONTH | HOURS
LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | TOTAL | | |
|--------|--------------|---|---|---|------|---|---|---|---|------|-----|-------|------|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | % | # |
| 1-1 | -1 | | | | | | | | | | | | | |
| 1-1 | -1 | 37.1 | | | 41.3 | | | | | 15.4 | 3.1 | 1.1 | 37.1 | |
| 1-1 | -1 | 39.1 | | | 41.3 | | | | | 17.1 | 6.1 | 1.1 | 37.1 | |
| 1-1 | -1 | 34.1 | | | 41.3 | | | | | 17.1 | 4.1 | 1.4 | 37.1 | |
| 1-1 | -1 | 24.7 | | | 41.3 | | | | | 15.4 | 5.1 | 1.1 | 37.1 | |
| 1-1 | -1 | 25.6 | | | 41.3 | | | | | 15.4 | 6.6 | 3.1 | 37.1 | |
| 1-1 | -1 | 32.4 | | | 41.3 | | | | | 15.4 | 5.1 | 1.4 | 37.1 | |
| 1-1 | -1 | 27.1 | | | 15.3 | | | | | 5.1 | 2.1 | 1.1 | 41.3 | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 37.1 | | | 41.3 | | | | | 15.4 | 5.1 | 3.1 | 41.3 | |

SKY COVER

200

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

| MONTH | HOURS
LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | TOTAL
PERCENT | TOTAL
HOURS | | |
|--------|--------------|---|---|---|------|---|---|---|---|------|-----|------------------|----------------|------|--|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 | |
| 10 | 0 | | | | | | | | | | | | | | |
| 10 | 1 | 31. | | | 21.9 | | | | | 27.6 | 9.6 | 4.7 | | 101 | |
| 10 | 2 | 32.1 | | | 4.1 | | | | | 11.7 | 7.7 | 1. | | 89.1 | |
| 10 | 3 | 21.7 | | | 4.1 | | | | | 27.7 | 9.9 | 4. | | 81.4 | |
| 10 | 4 | 31. | | | 41.7 | | | | | 27.1 | 6.7 | 4.7 | | 83.4 | |
| 10 | 5 | 20.7 | | | 41.7 | | | | | 27.7 | 1.7 | 4.7 | | 8.4 | |
| 10 | 6 | 15.7 | | | 44.7 | | | | | 21.7 | 5.9 | 4.1 | | 5.4 | |
| 10 | 7 | 41. | | | 1.7 | | | | | 15.4 | 7.7 | 1.7 | | 24.3 | |
| TOTALS | | 20.3 | | | 41.7 | | | | | 11.7 | 4.7 | 4. | | 48.7 | |

SKY COVER

[illegible]

U.S. AIR FORCE
 FORM 1-64

USE WITH CAUTION
 SEE FIRST PAGE

SKY COVER

STATION NAME

DATE

TIME

LOCATION

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

| MONTH | HOURS
LIST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
PERCENTAGE
SKY COVER | TOTAL
OCCURRENCE |
|--------|---------------|---|---|---|-----|---|---|---|---|---|-----|---------------------------------|---------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | |
| | 00-01 | | | | | | | | | | | | |
| | 01-02 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| | 02-03 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| | 03-04 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| | 04-05 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| | 05-06 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| | 06-07 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| | 07-08 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| | 08-09 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| | 09-10 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| | 10-11 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| | 11-12 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| | 12-13 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| | 13-14 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| | 14-15 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| | 15-16 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| | 16-17 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| | 17-18 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| | 18-19 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| | 19-20 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| | 20-21 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| | 21-22 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| | 22-23 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| | 23-24 | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 2.0 |
| TOTALS | | 1.0 | | | 1.0 | | | | | | 1.0 | 2.0 | 4041 |

SKY COVER

75-114

STATION

DATA ANALYSIS

Fig. 1

i

3. 4.

| MONTH | HOURS
ILST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | TOTAL | | |
|--------|---------------|---|---|---|------|---|---|---|---|---|---|-------|------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1-7 | | | | | | | | | | | | | | |
| 8-13 | 54.6 | | | | 31.4 | | | | | | | 10.1 | 4.7 | 14.3 |
| 14-20 | 23.7 | | | | 31.7 | | | | | | | 17.6 | 13.6 | 48.9 |
| 21-27 | 17.7 | | | | 30.7 | | | | | | | 17.7 | 22.4 | 50.1 |
| 28-31 | 16.4 | | | | 30.9 | | | | | | | 17.4 | 22.4 | 49.8 |
| 1-12 | 13.4 | | | | 31.2 | | | | | | | 20.1 | 22.5 | 42.6 |
| 13-24 | 24.1 | | | | 31.3 | | | | | | | 21.6 | 18.7 | 40.3 |
| 25-31 | 34.1 | | | | 31.2 | | | | | | | 16.7 | 15.6 | 32.3 |
| TOTALS | | | | | 31.2 | | | | | | | 16.4 | 17.7 | 44.1 |

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover and total number of observations. It is presented by month and available 3-hour groups.

NOTES: 1. Some sources of punched data used for this summary report cloud amounts in eights. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in eights. The manner of conversion is given below:

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

2. For Airways stations the symbols of clear, scattered, broken, overcast, and 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

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

- 1 - 22 -

TOTAL NUMBER OF OBSERVATIONS 22

ALCITY TELETYPE UNIT

740

DATE OF SERVICE

CEILING VERSUS VISIBILITY

STATION NAME

74-12

010

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1000-00

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 20 | 10 | 5 | 2 | 1 | 0 |
|---------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 900 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 800 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 700 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 600 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 500 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 400 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 300 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 200 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 50 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

74-53

542

15-5-170

TOTAL NUMBER OF OBSERVATIONS _____ 6

USAF F-4C 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

240

1-2-1.

TOTAL NUMBER OF OBSERVATIONS _____

1. STATION NUMBER
 2. DATE OF OBSERVATION

USE WITH CAUTION
 SEE FIRST PAGE

SKY COVER

3. STATION NAME
 4. DATE OF OBSERVATION
 5. TIME OF OBSERVATION
 6. NAME OF OBSERVER

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

| MONTH | HOURS
LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | TOTAL
PERCENTAGE |
|-------|--------------|---|---|---|-----|---|---|---|---|------|------|-----|---------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| 1 | 1-11 | 4.0 | | | 1.0 | | | | | 10.1 | 3.0 | | 17.1 |
| 2 | 1-11 | 7.0 | | | 4.0 | | | | | 10.7 | 5.0 | 1.0 | 27.7 |
| 3 | 1-11 | 0.0 | | | 1.0 | | | | | 22.0 | 2.0 | 0.0 | 25.0 |
| 4 | 1-11 | 1.0 | | | 1.0 | | | | | 15.0 | 11.0 | 4.0 | 31.0 |
| 5 | 1-11 | 0.0 | | | 1.0 | | | | | 17.7 | 3.0 | 4.0 | 24.7 |
| 6 | 1-11 | 3.0 | | | 1.0 | | | | | 14.7 | 7.0 | 4.0 | 28.7 |
| 7 | 1-11 | 4.0 | | | 1.0 | | | | | 17.0 | 5.0 | 3.0 | 32.0 |
| 8 | 1-11 | | | | | | | | | | | | |
| 9 | 1-11 | | | | | | | | | | | | |
| 10 | 1-11 | | | | | | | | | | | | |
| 11 | 1-11 | | | | | | | | | | | | |
| 12 | 1-11 | | | | | | | | | | | | |
| TOTAL | | | | | 1.1 | | | | | 10.4 | 2.0 | 7.0 | 47.5 |

• • •

1977 3: 111-124

SKY COVER

1. 2. 3. 4. 5.

74 -

— *r*

• • •

1234567891011121314151617181920212223242526272829303132333435363738394041424344454647484950515253545556575859606162636465666768697071727374757677787980818283848586878889909192939495969798991001011021031041051061071081091101111121131141151161171181191201211221231241251261271281291301311321331341351361371381391401411421431441451461471481491501511521531541551561571581591601611621631641651661671681691701711721731741751761771781791801811821831841851861871881891901911921931941951961971981992002012022032042052062072082092102112122132142152162172182192202212222232242252262272282292302312322332342352362372382392402412422432442452462472482492502512522532542552562572582592602612622632642652662672682692702712722732742752762772782792802812822832842852862872882892902912922932942952962972982993003013023033043053063073083093103113123133143153163173183193203213223233243253263273283293303313323333343353363373383393403413423433443453463473483493503513523533543553563573583593603613623633643653663673683693703713723733743753763773783793803813823833843853863873883893903913923933943953963973983994004014024034044054064074084094104114124134144154164174184194204214224234244254264274284294304314324334344354364374384394404414424434444454464474484494504514524534544554564574584594604614624634644654664674684694704714724734744754764774784794804814824834844854864874884894904914924934944954964974984995005015025035045055065075085095105115125135145155165175185195205215225235245255265275285295305315325335345355365375385395405415425435445455465475485495505515525535545555565575585595605615625635645655665675685695705715725735745755765775785795805815825835845855865875885895905915925935945955965975985996006016026036046056066076086096106116126136146156166176186196206216226236246256266276286296306316326336346356366376386396406416426436446456466476486496506516526536546556566576586596606616626636646656666676686696706716726736746756766776786796806816826836846856866876886896906916926936946956966976986997007017027037047057067077087097107117127137147157167177187197207217227237247257267277287297307317327337347357367377387397407417427437447457467477487497507517527537547557567577587597607617627637647657667677687697707717727737747757767777787797807817827837847857867877887897907917927937947957967977987998008018028038048058068078088098108118128138148158168178188198208218228238248258268278288298308318328338348358368378388398408418428438448458468478488498508518528538548558568578588598608618628638648658668678688698708718728738748758768778788798808818828838848858868878888898908918928938948958968978988999009019029039049059069079089099109119129139149159169179189199209219229239249259269279289299309319329339349359369379389399409419429439449459469479489499509519529539549559569579589599609619629639649659669679689699709719729739749759769779789799809819829839849859869879889899909919929939949959969979989991000100110021003100410051006100710081009101010111012101310141015101610171018101910201021102210231024102510261027102810291030103110321033103410351036103710381039104010411042104310441045104610471048104910501051105210531054105510561057105810591060106110621063106410651066106710681069107010711072107310741075107610771078107910801081108210831084108510861087108810891090109110921093109410951096109710981099110011011102110311041105110611071108110911101111111211131114111511161117111811191120112111221123112411251126112711281129113011311132113311341135113611371138113911401141114211431144114511461147114811491150115111521153115411551156115711581159116011611162116311641165116611671168116911701171117211731174117511761177117811791180118111821183118411851186118711881189119011911192119311941195119611971198119912001201120212031204120512061207120812091210121112121213121412151216121712181219122012211222122312241225122612271228122912301231123212331234123512361237123812391240124112421243124412451246124712481249125012511252125312541255125612571258125912601261126212631264126512661267126812691270127112721273127412751276127712781279128012811282128312841285128612871288128912901291129212931294129512961297129812991300130

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PSYCHROMETRIC SUMMARIES

PART 4

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

1. Cumulative percentage frequency of occurrence--Derived from available hourly 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 HIGH temperatures (for available observations)
- b. Daily LOW temperatures (for available observations)
- c. Daily mean temperatures (high + low temperatures divided by two)

2. 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 available 3-hour groups with all years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations which contain both dry-bulb and wet-bulb temperatures; and dry-bulb, wet-bulb, and dewpoint temperatures separately. Total observations for these four items are also provided in two lines at the end of each table.

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 dewpoint temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the 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 dewpoint 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.

Continued on Reverse

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

4. 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 percent classes, plus the mean relative humidity and total number of observations presented by month and available 3-hour groups.

AL CLIMATOLOGY BRANCH
ETAC

DAILY TEMPERATURES

STATION NO. 100740
STATION NAME SAN S AFB CA

74-64

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 |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1 | | | | | | | 2.0 | .6 | | | | | .2 |
| 10 | | | | | | 1.7 | 11.1 | 7.1 | .7 | | | | 1.7 |
| 20 | | | | | 1.7 | 15.0 | 42.0 | 28.2 | 9.8 | 1.3 | | | 7.3 |
| 30 | | | | .3 | 5.8 | 31.7 | 70.4 | 58.6 | 38.5 | 3.2 | | | 17.2 |
| 40 | | | | 1.3 | 31.4 | 62.1 | 89.3 | 78.0 | 59.5 | 11.3 | | | 27.3 |
| 50 | | | | 8.3 | 39.4 | 80.7 | 99.0 | 92.6 | 74.3 | 22.3 | .7 | | 35.1 |
| 60 | | .7 | | 18.8 | 56.1 | 90.0 | 100.0 | 90.4 | 64.5 | 46.1 | 4.4 | | 42.2 |
| 70 | .3 | 3.5 | 9.8 | 35.2 | 71.3 | 96.7 | | 95.4 | 93.6 | 65.8 | 16.9 | 2.1 | 45.9 |
| 80 | 3.7 | 14.5 | 22.4 | 51.0 | 91.3 | 98.7 | | 100.0 | 97.3 | 91.6 | 34.1 | 9.8 | 55.5 |
| 90 | 16.3 | 35.1 | 39.6 | 66.4 | 92.6 | 100.0 | | | 100.0 | 92.6 | 57.1 | 32.8 | 69.2 |
| 100 | 40.9 | 58.2 | 61.7 | 81.9 | 97.4 | | | | | 98.7 | 77.7 | 42.5 | 82.3 |
| 110 | 72.7 | 79.1 | 85.7 | 95.0 | 99.3 | | | | | 100.0 | 89.2 | 72.3 | 92.4 |
| 120 | 85.0 | 93.3 | 96.1 | 99.3 | 100.0 | | | | | | 96.6 | 89.1 | 98.7 |
| 130 | 95.0 | 95.2 | 99.0 | 99.7 | | | | | | | 99.7 | 96.8 | 99.1 |
| 140 | 99.3 | 99.6 | 100.0 | 100.0 | | | | | | | 100.0 | 98.9 | 99.8 |
| 150 | 100.0 | 100.0 | | | | | | | | | | 100.0 | 100.0 |
| MEAN | 57.3 | 61.1 | 62.5 | 69.6 | 75.4 | 82.8 | 87.5 | 95.1 | 89.9 | 78.2 | 66.3 | 58.8 | 75.6 |
| SD | 7.3 | 7.6 | 7.5 | 9.8 | 10.3 | 8.0 | 5.9 | 6.9 | 8.7 | 8.9 | 9.5 | 7.7 | 10.4 |
| TOTAL OBS | 31 | 28 | 31 | 29 | 31 | 30 | 30 | 30 | 29 | 31 | 29 | 29 | 30 |

USAFETAC FORM 0215 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

STATION NAME

STATION

STATION SERVICE/NAME

STATION

STATION NAME

74-84

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

111100

| TEMP. °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1 | | | | | | | 1.0 | .3 | | | | | .1 |
| 2 | | | | | | .3 | 5.5 | 4.2 | | | | | .2 |
| 3 | | | | | | 4.7 | 24.4 | 22.7 | 2.7 | | | | 4.7 |
| 4 | | | | | 2.1 | 21.0 | 53.1 | 51.1 | 22.3 | .3 | | | 12.0 |
| 5 | | | | .3 | 12.6 | 52.7 | 84.0 | 78.0 | 49.0 | 2.9 | | | 23.6 |
| 6 | .7 | 1.1 | 1.3 | 4.7 | 33.2 | 81.0 | 98.0 | 93.5 | 74.0 | 21.3 | 2.0 | | 34.7 |
| 7 | 3.0 | 4.3 | 7.1 | 19.8 | 62.6 | 96.7 | 99.7 | 100.0 | 94.6 | 40.6 | 7.1 | 2.1 | 45.3 |
| 8 | 1.0 | 14.5 | 26.1 | 48.0 | 85.2 | 100.0 | 100.0 | | 99.0 | 64.0 | 14.9 | 7.7 | 56.2 |
| 9 | 23.3 | 33.7 | 55.2 | 76.8 | 97.4 | | | | 99.3 | 98.1 | 71.0 | 18.9 | 69.3 |
| 10 | 4.2 | 56.0 | 9.2 | 92.6 | 100.0 | | | | 100.0 | 97.1 | 59.5 | 37.5 | 80.0 |
| 11 | 4.2 | 66.1 | 66.4 | 97.3 | | | | | | 97.7 | 69.9 | 47.0 | 84.8 |
| 12 | 66.4 | 83.0 | 93.6 | 99.7 | | | | | | 99.7 | 82.4 | 59.3 | 90.6 |
| 13 | 85.7 | 98.1 | 100.0 | 100.0 | | | | | | 100.0 | 92.6 | 76.8 | 96.1 |
| 14 | 5.7 | 99.3 | | | | | | | | | 99.7 | 94.0 | 99.1 |
| 15 | 79.0 | 100.0 | | | | | | | | | 100.0 | 98.6 | 99.8 |
| 16 | 100.0 | | | | | | | | | | | 100.0 | 100.0 |
| 17 | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | |
| MEAN | 3.1 | 36.4 | 40.0 | 44.2 | 51.3 | 59.8 | 65.3 | 64.4 | 59.1 | 47.8 | 36.5 | 31.8 | 47.5 |
| STD | .110 | 7.281 | 6.596 | 6.115 | 6.762 | 5.634 | 5.806 | 6.090 | 6.392 | 6.977 | 7.779 | 8.369 | 13.635 |
| TOTAL OBS | 501 | 272 | 308 | 298 | 310 | 300 | 307 | 309 | 296 | 310 | 296 | 285 | 3602 |

AL CLIMATELOGY BRANCH
 LTAC
 FATHER SERVICE/MAC
 2 312 WARD'S AFB CA
 STATION NAME

74-84

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

YEAR

| TEMPERATURE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN A. |
|-------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 100 | | | | | .7 | 5.5 | 3.9 | | | | | | .9 |
| 95 | | | | | .3 | 6.7 | 29.3 | 23.3 | 3.0 | | | | 5.3 |
| 90 | | | | | 3.2 | 26.3 | 66.1 | 52.8 | 27.7 | | | | 14.9 |
| 85 | | | | .7 | 16.1 | 60.7 | 91.9 | 82.2 | 55.7 | 6.8 | | | 26.5 |
| 80 | | | | 2.3 | 34.0 | 93.3 | 99.3 | 97.4 | 77.0 | 15.5 | | | 34.6 |
| 75 | | | .5 | 17.4 | 61.6 | 96.3 | 100.0 | 100.0 | 93.2 | 40.6 | 1.0 | | 43.1 |
| 70 | .7 | 2.3 | 7.5 | 33.6 | 79.1 | 99.0 | | | 99.1 | 75.8 | 12.5 | 1.4 | 52.1 |
| 65 | 5.7 | 16.7 | 29.9 | 62.8 | 1.6 | 100.0 | | | 99.7 | 89.4 | 35.1 | 8.4 | 62.1 |
| 60 | 23.5 | 48.6 | 64.6 | 85.2 | 99.1 | | | | 100.0 | 90.1 | 61.5 | 29.5 | 76.3 |
| 55 | 61.5 | 77.7 | 90.6 | 98.0 | 100.0 | | | | | 100.0 | 94.5 | 56.1 | 89.3 |
| 50 | 5.0 | 95.7 | 98.4 | 99.7 | | | | | | | 96.6 | 82.5 | 96.6 |
| 45 | 25.7 | 99.6 | 100.0 | 100.0 | | | | | | | 99.7 | 96.1 | 99.3 |
| 40 | 9.0 | 100.0 | | | | | | | | | 100.0 | 98.9 | 99.8 |
| 35 | 1.0 | | | | | | | | | | | 100.0 | 100.0 |
| 30 | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | |
| MEAN | 47.4 | 47.1 | 51.5 | 57.1 | 66.3 | 75.6 | 81.6 | 80.1 | 74.7 | 63.2 | 51.5 | 45.6 | 61.8 |
| S.D. | .74 | 5.53 | 5.35 | 6.81 | 7.78 | 6.16 | 5.06 | 5.66 | 6.57 | 6.55 | 6.58 | 6.46 | 14.41 |
| TOTAL OBS | 371 | 22 | 30 | 208 | 310 | 300 | 307 | 309 | 296 | 310 | 296 | 285 | 3602 |

U.S. AIR FORCE CLIMATE CENTER
 WASHINGTON, D.C. 20330
 FORM 10-61 (REV. 1-1-61)

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

STATION 2-001
 STATION NAME

19-24

YEARS

WORLD RECORDS FROM 1901-1960

| MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|
| YEAR | | | | | | | | | | | | | |
| 1917 | 72 | 74 | 73 | 74 | 75 | 101 | 112 | 108 | 102 | 94 | 74 | 68 | 110 |
| 1918 | 73 | 71 | 72 | 6 | 75 | 104 | 104 | 104 | 102 | 97 | 79 | 66 | 104 |
| 1919 | 75 | 71 | 76 | 75 | 75 | 104 | 107 | 107 | 101 | 91 | 81 | 77 | 109 |
| 1920 | 73 | 71 | 75 | 74 | 75 | 101 | 107 | 107 | 98 | 93 | 78 | 71 | 107 |
| 1921 | 73 | 67 | 75 | 74 | 74 | 106 | 111 | 111 | 100 | 94 | 74 | 71 | 111 |
| 1922 | 67 | 72 | 71 | 77 | 72 | 99 | 7 | 109 | 94 | 103 | 85 | 75 | 109 |
| 1923 | 71 | 71 | 74 | 75 | 75 | 102 | 102 | 111 | 92 | 94 | 78 | 76 | 111 |
| 1924 | 71 | 74 | 71 | 74 | 75 | 96 | 111 | 114 | 100 | 94 | 77 | 71 | 111 |
| 1925 | 71 | 73 | 77 | 74 | 100 | 95 | 104 | 104 | 103 | 93 | 91 | 81 | 104 |
| 1926 | 71 | 71 | 73 | 71 | 102 | 106 | 111 | 104 | | | | | |
| 1927 | | | | | | | | | | | | | |
| 1928 | | | | | | | | | | | | | |
| 1929 | | | | | | | | | | | | | |
| 1930 | | | | | | | | | | | | | |
| 1931 | | | | | | | | | | | | | |
| 1932 | | | | | | | | | | | | | |
| 1933 | | | | | | | | | | | | | |
| 1934 | | | | | | | | | | | | | |
| 1935 | | | | | | | | | | | | | |
| 1936 | | | | | | | | | | | | | |
| 1937 | | | | | | | | | | | | | |
| 1938 | | | | | | | | | | | | | |
| 1939 | | | | | | | | | | | | | |
| 1940 | | | | | | | | | | | | | |
| 1941 | | | | | | | | | | | | | |
| 1942 | | | | | | | | | | | | | |
| 1943 | | | | | | | | | | | | | |
| 1944 | | | | | | | | | | | | | |
| 1945 | | | | | | | | | | | | | |
| 1946 | | | | | | | | | | | | | |
| 1947 | | | | | | | | | | | | | |
| 1948 | | | | | | | | | | | | | |
| 1949 | | | | | | | | | | | | | |
| 1950 | | | | | | | | | | | | | |
| 1951 | | | | | | | | | | | | | |
| 1952 | | | | | | | | | | | | | |
| 1953 | | | | | | | | | | | | | |
| 1954 | | | | | | | | | | | | | |
| 1955 | | | | | | | | | | | | | |
| 1956 | | | | | | | | | | | | | |
| 1957 | | | | | | | | | | | | | |
| 1958 | | | | | | | | | | | | | |
| 1959 | | | | | | | | | | | | | |
| 1960 | | | | | | | | | | | | | |
| MEAN | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| S.D. | 4.457 | 4.457 | 4.457 | 4.457 | 4.457 | 4.457 | 4.457 | 4.457 | 4.457 | 4.457 | 4.457 | 4.457 | 4.457 |
| TOTAL OBS | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |

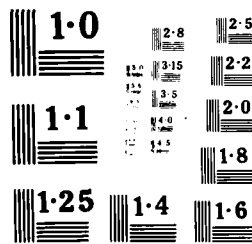
USAF ETAC FORM 10-61 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

1. THEORY 2. EXPERIMENT 3. CONCLUSION

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| | | | |

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



HOURS L. S. T.

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B./W.B. | | TOTAL | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|--------------------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 70 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | .1 | .1 | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | .1 | .1 | .4 | .2 | .1 | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 73 | .1 | .1 | .1 | | .1 | .1 | .1 | .1 | 1.3 | .2 | | | | | | | | 17 | 1 | 1 | | | | | | | | | | | | | | | |
| 74 | .1 | .1 | .1 | .1 | .1 | .1 | 1.1 | 1.1 | 1.6 | .2 | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 75 | | .1 | .1 | 1.1 | .9 | 1.3 | .1 | 2.3 | .7 | .1 | | | | | | | | 67 | 67 | | | | | | | | | | | | | | | | |
| 76 | | 1.4 | 2.7 | 1.1 | 1.4 | 1.1 | 1.7 | 1.3 | .6 | | | | | | | | | 114 | 114 | 14 | | | | | | | | | | | | | | | |
| 77 | .1 | 1.7 | 3.2 | 2.4 | 2.8 | 1.7 | 1.4 | 1.7 | .1 | | | | | | | | | 117 | 117 | 15 | | | | | | | | | | | | | | | |
| 78 | .1 | .4 | 2.3 | 2.4 | 1.7 | 1.1 | 1.3 | 1.6 | | | | | | | | | | 113 | 113 | 74 | | | | | | | | | | | | | | | |
| 79 | .1 | .1 | 1.7 | 2.7 | 2.4 | 1.7 | .7 | .2 | | | | | | | | | | 84 | 84 | 16 | | | | | | | | | | | | | | | |
| 80 | | 1.1 | 3.1 | 2.3 | 1.7 | .7 | .3 | | | | | | | | | | | 84 | 84 | 16 | | | | | | | | | | | | | | | |
| 81 | .1 | .1 | 1.7 | 1.7 | 1.7 | 1.7 | .1 | | | | | | | | | | | 84 | 84 | 16 | | | | | | | | | | | | | | | |
| 82 | .1 | 1.1 | 1.1 | 1.1 | 1.4 | .7 | .4 | | | | | | | | | | | 84 | 84 | 16 | | | | | | | | | | | | | | | |
| 83 | 1.1 | .4 | | 1.1 | .7 | .4 | | | | | | | | | | | | 84 | 84 | 16 | | | | | | | | | | | | | | | |
| 84 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 84 | 84 | 16 | | | | | | | | | | | | | | | |
| 85 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 84 | 84 | 16 | | | | | | | | | | | | | | | |
| 86 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 84 | 84 | 16 | | | | | | | | | | | | | | | |
| 87 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 84 | 84 | 16 | | | | | | | | | | | | | | | |
| 88 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 84 | 84 | 16 | | | | | | | | | | | | | | | |
| 89 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 84 | 84 | 16 | | | | | | | | | | | | | | | |
| 90 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 84 | 84 | 16 | | | | | | | | | | | | | | | |
| 91 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 84 | 84 | 16 | | | | | | | | | | | | | | | |
| 92 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 84 | 84 | 16 | | | | | | | | | | | | | | | |
| 93 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 84 | 84 | 16 | | | | | | | | | | | | | | | |
| 94 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 84 | 84 | 16 | | | | | | | | | | | | | | | |
| 95 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 84 | 84 | 16 | | | | | | | | | | | | | | | |
| 96 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 84 | 84 | 16 | | | | | | | | | | | | | | | |
| 97 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 84 | 84 | 16 | | | | | | | | | | | | | | | |
| 98 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 84 | 84 | 16 | | | | | | | | | | | | | | | |
| 99 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 84 | 84 | 16 | | | | | | | | | | | | | | | |
| 100 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 84 | 84 | 16 | | | | | | | | | | | | | | | |

SECRET

MONTH

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

[illegible]

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

MONTH

[illegible]

USAFETAC FORM JUL 84 026-5 (OL A) SEE SEC PREVIOUS EDITIONS OF THIS MANUAL FOR OBSOLETE

DATE: 10/10/1964

MONTH

TOTAL

D.B. W.B. Dry Bulb Wet Bulb Dew Point

[illegible]

1. 2000年12月1日以前，在《中国注册会计师》杂志上刊登过《中国注册会计师》杂志广告者，其刊登广告费可抵减其应缴的注册费。

MONTH

[illegible]

[illegible]

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| STATION | STATION NAME | YEARS | MONTH |
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THE UNIVERSITY OF CHICAGO

MONTH

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FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

HOURS 1, 5, T.

[illegible]

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 66

AL INFORMATION WASH
D.C.
FBI LABORATORY

75-24

MONTH

HOURS (L. S. T.)

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

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| STATION | STATION NAME | YEARS | MONTH |
| | | 75-84 | 1975-1977 |
| | | | HOURS (L. S. T.) |

[illegible]

U. S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D. C. 20250
OFFICE OF THE SECRETARY

| | | | |
|----------------|---------------------|--------------|--------------|
| <u>STATION</u> | <u>STATION NAME</u> | <u>YEARS</u> | <u>MONTH</u> |
| | | | |
| | | | 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 | | | | | | | | | | | | | |
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USAFETAC
FORM 0-26-5 (OL A)
JUL 66
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-14

STATION

STATION NAME

YEARS

MONTH

120-16
HOURS (L. S. T.)

[illegible]

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

[illegible]

MONTH

[illegible]

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

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

STATION

STATION NAME

YEARS

MONTH

| MOURES | \$ | T |
|--------|----|---|
|--------|----|---|

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

U.S. AIR FORCE - HAWAII
HONOLULU
HAWAII

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 HOURS _____

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

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 11-19-2010 BY 60322 UCBAW

STATION NAME

75-24

YEARS

MONTH

| HOURLS | S | T |
|--------|---|---|
|--------|---|---|

USAFETAC
FORM
BLU 44
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. *Pharmaceutical Innovation and the Role of the State*
 2. *The Impact of Patent Law on Drug Development*
 3. *The Role of Government in Regulating Pharmaceuticals*
 4. *The Impact of Globalization on the Pharmaceutical Industry*
 5. *The Role of the Pharmaceutical Industry in Public Health*
 6. *The Impact of the Pharmaceutical Industry on the Environment*
 7. *The Role of the Pharmaceutical Industry in the Global Economy*
 8. *The Impact of the Pharmaceutical Industry on the Labor Market*
 9. *The Role of the Pharmaceutical Industry in the Social Welfare State*
 10. *The Impact of the Pharmaceutical Industry on the Health Care System*

MONTH

1052

[illegible]

PSYCHROMETRIC SUMMARY

MONTE

100

[illegible]

PSYCHROMETRIC SUMMARY

2000

MSJPS

[illegible]USAFETAC
FORM
JUL 64

MOJRS . S

[illegible]

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

MOORE - 5 1 - 1

[illegible]

USAFETAC
FORM 0265 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MONTH

HOURS . . . S. . .

MONTH

HOURS: L. S. T.

USAFETAC FORM 0-26.5 (OLA) 88-152 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 HOURS _____

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B.-W.B. | TOTAL | | |
|-------------|-------------------------------------|---|------------|---|-----------|---|------------|---|----------|---|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|--------------------|-----------|--|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | | ΣX | | $\bar{X}$ | | σ^2 | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | | | | | | | |
| Ref. Hum. | | | | | | | | | | | $\leq 0 F$ | $\leq 32 F$ | $\leq 67 F$ | $\leq 73 F$ | $\leq 80 F$ | $\leq 93 F$ | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

THE UNIVERSITY OF CHICAGO

MONTH

100

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

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

USAFETAC FORM 0-265 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 84

1. NAME OF CLIMATE LOG STATION
2. LOCATION
3. DATE OF OBSERVATION

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 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. | 344.72 | 447.31 | 47.71 | 15.792 | 93 | | | | | | | |
| Dry Bulb | 377.44 | 500.00 | 52.7 | 3.437 | 93 | | | 0.7 | 7.1 | 1.0 | | |
| Wet Bulb | 264.71 | 455.00 | 49.0 | 5.384 | 93 | | | | | | | |
| Dew Point | 140.100 | 355.00 | 38.2 | 7.106 | 930 | | 19.0 | | | | | |

USAFETAC FORM 0 26-5 (OL A) REVISED WITHOUT EDITING OF THIS PAGE ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
|---------|--------------|-------|-------|

[illegible]

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

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
|---------|--------------|-------|-------|

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

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

[illegible]

| Element (X) | $\Sigma x'$ | Σx | $\bar{x}$ | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|-------|----------|------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------|
| Ref. Num. | | | | | | $\leq 0^\circ\text{F}$ | $\leq 32^\circ\text{F}$ | $\geq 67^\circ\text{F}$ | $\geq 73^\circ\text{F}$ | $\geq 80^\circ\text{F}$ | $\geq 93^\circ\text{F}$ | |
| Dry Bulb | 14.147 | 74.29 | 52.6 | 9.969 | 211 | | | 17.7 | 7.5 | | | |
| Wet Bulb | 12.667 | 66.67 | 4.86 | | 270 | | | 1.3 | | | | |
| Dew Point | 13.352 | 70.11 | 30.7 | 7.267 | 270 | | 12.7 | | | | | |

1. *Staphylococcus aureus* (1000)
 2. *Staphylococcus aureus* (1000)
 3. *Staphylococcus aureus* (1000)
 4. *Staphylococcus aureus* (1000)
 5. *Staphylococcus aureus* (1000)
 6. *Staphylococcus aureus* (1000)
 7. *Staphylococcus aureus* (1000)
 8. *Staphylococcus aureus* (1000)
 9. *Staphylococcus aureus* (1000)
 10. *Staphylococcus aureus* (1000)

MONTH

[illegible]

PSYCHROMETRIC SUMMARY

[illegible]

USAFETAC
PC-9200
0205 (CUL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

MONTH

HOURS: 5.7

[illegible]

PSYCHROMETRIC SUMMARY

MONTH

HOURS 11 5 2

[illegible]

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

PSYCHROMETRIC SUMMARY

MONTH

1 1/2 HOURS 1 1/2

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| | | | 1 |
| | | | HOURS |

USAFETAC FORM 0265 (OL A) JUL 64
REPLACES PREVIOUS EDITIONS OF THIS FORM AND SUBSTITUTES

STAT 201

STATION NAME

YEARS

MONTH

HOURS S. V.

PSYCHROMETRIC SUMMARY

MONTH

| Time (hours) | Control (ml/min) | 100 mg/kg (ml/min) | 200 mg/kg (ml/min) |
|--------------|------------------|--------------------|--------------------|
| 1 | 10 | 10 | 10 |
| 5 | 35 | 55 | 50 |
| 7 | 45 | 50 | 45 |

[illegible]

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

USAFETAC

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Lichtenthaler (1987).

MONTH

TOTAL

D.B./W.B. Dry Bulb Wet Bulb Dew Point

PSYCHROMETRIC SUMMARY

[illegible]

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

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

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 | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | Σ X' | Σ X | $\bar{X}$ | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|--------|--------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 612.14 | 465.57 | 43.616 | 16.165 | 93 | | | | | | | |
| Dry Bulb | 675.76 | 602.6 | 70.9 | 7.576 | 93 | | | 66.7 | 38.0 | 17.0 | | |
| Wet Bulb | 705.41 | 622.9 | 67.1 | 5.17 | 93 | | | 7.4 | | | | |
| Dew Point | 802.57 | 425.9 | 45.9 | 7.257 | 93 | | 4.5 | | | | | |

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MONTH

USAFETAC FORM 0-26.5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CONCLUSIONS

MONTH

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

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
HOURS (L, S, T) _____

[illegible]

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

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
|---------|--------------|-------|-------|

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

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| | | | HOURS |

USAFETAC FORM JUL 66 0 26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

USAFETAC FORM 026.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

[illegible]

USAFETAC FORM 0.26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

PSYCHROMETRIC SUMMARY

MON * H

[illegible]

USAFETAC 0 26 5 (OL A) POEAM JUL 04 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26.5 (OL A) JUL 64

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 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. | 22340 | 41770 | 45.4 | 16.72 | 893 | | | | | | | |
| Dry Bulb | 37412 | 57796 | 64.7 | 7.73 | 893 | | | 50.6 | 10.7 | 1.0 | | |
| Wet Bulb | 20015 | 47007 | 52.6 | 5.51 | 893 | | .1 | .1 | | | | |
| Dew Point | 10297 | 37375 | 41.7 | 2.56 | 893 | | 13.7 | | | | | |

ALBUQUERQUE, N.M.
 1940
 1941

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

11
 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 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. | 221.2 | 15.3 | 32.4 | 13.212 | 287 | | | | | | | |
| Dry Bulb | 532.69 | 71.47 | 79. | 2.706 | 358 | | | 2.7 | 6.4 | 4.7 | 4.7 | |
| Wet Bulb | 121.67 | 23.17 | 59. | 4.384 | 287 | | | | | | | |
| Dew Point | 1659.33 | 36.68 | 42.6 | 2.244 | 287 | | 11.6 | | | | | |

USAFETAC FORM 026-5 (O.L.A.) 8-1550 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971). The *Chlorophyll a* and *Chlorophyll b* contents were expressed as $\mu\text{g/g}$ of dry weight.

MONTH

2000

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

MONTH

MOORE, J. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

MONTH

HOURS L. S. T.

[illegible]

USAFETAC
FORM
JUL 84
0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. *Pharmaceutical industry*—United States—History. I. Title. II. Series.

MONTE

HOURS : 5

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

PSYCHROMETRIC SUMMARY

MUNYH

HOURS 7 8 9

[illegible]

USAFETAC FORM 0-26.5 (OLA) JUL 64 RE-250 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A159 688

EDWARDS AFB CALIFORNIA LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARY (LIS..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. DEC 84

44

UNCLASSIFIED

USAFETAC/DS-84/039

F/G 4/2

NL

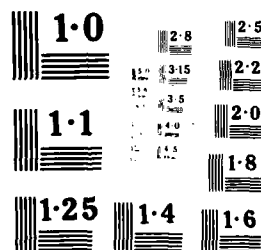
| | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |

END

DATE

12-1985

DTIC



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MONTH

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

HOURS L. S. T.

[illegible]

DECLASSIFICATION AUTHORITY
E.O. 13526

STATION

STATION NAME

74-275

YEARS

MONTH

HOURS 11 5 2

[illegible]

1. ALGEBRAIC TOPOLOGY 300
2. LINGUISTICS 300
3. MATHEMATICS 300

70-1117

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| 104 | ASAC | 74-87 | 10 |

207-11
HOURS 11 5 7

[illegible]

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

[illegible]

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

[illegible]

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS PUBLICATION ARE OBSOLETE

[illegible]

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

[illegible]

PSYCHROMETRIC SUMMARY

44

HOURS

[illegible]

USAFETAC FORM 0265 (OLA)
JUL 84
REVERSE PREVIOUS EDITIONS OF THIS FORM AND SUBMIT

1000

HOURS 5

[illegible]

PSYCHROMETRIC SUMMARY

MONTH

HOURS : S. T.

[illegible]

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

USAFETAC

USAFETAC
FORM
NA 64
0265 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 01-28-2001 BY 60322 UCBAW

[illegible]

| Element (X) | $\Sigma x'$ | Σx | $\bar{x}$ | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 1732.4 | 504.4 | 41.15757 | 268 | | ± 0 F | ± 32 F | ± 67 F | ± 73 F | ± 80 F | ± 93 F | |
| Dry Bulb | 255.5 | 466.7 | 57.67431 | 268 | | | .1 | .1 | .1 | | | |
| Wet Bulb | 173.7 | 371.9 | 41.15757 | 268 | | | .7 | | | | | |
| Dew Point | 737.4 | 41.9 | 27.11356 | 268 | | 1.4 | 58.5 | | | | | |

USAFETAC
FORM
JUL 66
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS MANUAL ARE OBSOLETE

| | | | | |
|---------|--------------|-------|-------|----------------|
| STATION | STATION NAME | 74-57 | YEARS | MONTH |
| | | | | 1-17 |
| | | | | HOURS (L.S.T.) |

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 HOURS _____ S. T. _____

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

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

[illegible]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-10-2001 BY 60322 UCBAW

MONTH

[illegible]

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

USAFETAC

1. DEPARTMENT OF AGRICULTURE
2. UNITED STATES OF AMERICA
3. WASHINGTON, D. C.

MONTH

HOURS: 5-1

[illegible]

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

[illegible]

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

MONTH

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

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

| STATION | STATION NAME | YEARS | MONTH | HOURS |
|--|--------------|-------|-------|-------|
| <div style="display: flex; justify-content: space-between;"> <div> <p>Temp.</p> <p>(F)</p> </div> <div> <p>WET BULB TEMPERATURE DEPRESSION (F)</p> <p>0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 31</p> </div> <div> <p>TOTAL</p> <p>D.B./W.B. Dry Bulb Wet Bulb Dew Point</p> </div> </div> | | | | |
| Data rows for temperature depression | | | | |
| Summary rows for temperature depression | | | | |
| <div style="display: flex; justify-content: space-between;"> <div> <p>Element (X)</p> <p>Rel. Hum.</p> <p>Dry Bulb</p> <p>Wet Bulb</p> <p>Dew Point</p> </div> <div> <p>$\Sigma X'$</p> <p>ΣX</p> <p>$\bar{X}$</p> <p>σ_X</p> <p>No. Obs.</p> </div> <div> <p>Mean No. of Hours with Temperature</p> <p>$\leq 0 F$ $\leq 32 F$ $\leq 67 F$ $\leq 73 F$ $\leq 80 F$ $\leq 93 F$ <p>Total</p> </p></div> </div> | | | | |

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

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | 32 |
| 33 | 34 | 35 | 36 |
| 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 |
| 45 | 46 | 47 | 48 |
| 49 | 50 | 51 | 52 |
| 53 | 54 | 55 | 56 |
| 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 |
| 65 | 66 | 67 | 68 |
| 69 | 70 | 71 | 72 |
| 73 | 74 | 75 | 76 |
| 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 |
| 85 | 86 | 87 | 88 |
| 89 | 90 | 91 | 92 |
| 93 | 94 | 95 | 96 |
| 97 | 98 | 99 | 100 |
| 101 | 102 | 103 | 104 |
| 105 | 106 | 107 | 108 |
| 109 | 110 | 111 | 112 |
| 113 | 114 | 115 | 116 |
| 117 | 118 | 119 | 120 |
| 121 | 122 | 123 | 124 |
| 125 | 126 | 127 | 128 |
| 129 | 130 | 131 | 132 |
| 133 | 134 | 135 | 136 |
| 137 | 138 | 139 | 140 |
| 141 | 142 | 143 | 144 |
| 145 | 146 | 147 | 148 |
| 149 | 150 | 151 | 152 |
| 153 | 154 | 155 | 156 |
| 157 | 158 | 159 | 160 |
| 161 | 162 | 163 | 164 |
| 165 | 166 | 167 | 168 |
| 169 | 170 | 171 | 172 |
| 173 | 174 | 175 | 176 |
| 177 | 178 | 179 | 180 |
| 181 | 182 | 183 | 184 |
| 185 | 186 | 187 | 188 |
| 189 | 190 | 191 | 192 |
| 193 | 194 | 195 | 196 |
| 197 | 198 | 199 | 200 |
| 201 | 202 | 203 | 204 |
| 205 | 206 | 207 | 208 |
| 209 | 210 | 211 | 212 |
| 213 | 214 | 215 | 216 |
| 217 | 218 | 219 | 220 |
| 221 | 222 | 223 | 224 |
| 225 | 226 | 227 | 228 |
| 229 | 230 | 231 | 232 |
| 233 | 234 | 235 | 236 |
| 237 | 238 | 239 | 240 |
| 241 | 242 | 243 | 244 |
| 245 | 246 | 247 | 248 |
| 249 | 250 | 251 | 252 |
| 253 | 254 | 255 | 256 |
| 257 | 258 | 259 | 260 |
| 261 | 262 | 263 | 264 |
| 265 | 266 | 267 | 268 |
| 269 | 270 | 271 | 272 |
| 273 | 274 | 275 | 276 |
| 277 | 278 | 279 | 280 |
| 281 | 282 | 283 | 284 |
| 285 | 286 | 287 | 288 |
| 289 | 290 | 291 | 292 |
| 293 | 294 | 295 | 296 |
| 297 | 298 | 299 | 300 |
| 301 | 302 | 303 | 304 |
| 305 | 306 | 307 | 308 |
| 309 | 310 | 311 | 312 |
| 313 | 314 | 315 | 316 |
| 317 | 318 | 319 | 320 |
| 321 | 322 | 323 | 324 |
| 325 | 326 | 327 | 328 |
| 329 | 330 | 331 | 332 |
| 333 | 334 | 335 | 336 |
| 337 | 338 | 339 | 340 |
| 341 | 342 | 343 | 344 |
| 345 | 346 | 347 | 348 |
| 349 | 350 | 351 | 352 |
| 353 | 354 | 355 | 356 |
| 357 | 358 | 359 | 360 |
| 361 | 362 | 363 | 364 |
| 365 | 366 | 367 | 368 |
| 369 | 370 | 371 | 372 |
| 373 | 374 | 375 | 376 |
| 377 | 378 | 379 | 380 |
| 381 | 382 | 383 | 384 |
| 385 | 386 | | |

1. *Chlorophyll a* (Chl *a*)
 2. *Chlorophyll b* (Chl *b*)
 3. *Chlorophyll c* (Chl *c*)
 4. *Chlorophyll d* (Chl *d*)
 5. *Chlorophyll e* (Chl *e*)
 6. *Chlorophyll f* (Chl *f*)
 7. *Chlorophyll g* (Chl *g*)
 8. *Chlorophyll h* (Chl *h*)
 9. *Chlorophyll i* (Chl *i*)
 10. *Chlorophyll j* (Chl *j*)
 11. *Chlorophyll k* (Chl *k*)
 12. *Chlorophyll l* (Chl *l*)
 13. *Chlorophyll m* (Chl *m*)
 14. *Chlorophyll n* (Chl *n*)
 15. *Chlorophyll o* (Chl *o*)
 16. *Chlorophyll p* (Chl *p*)
 17. *Chlorophyll q* (Chl *q*)
 18. *Chlorophyll r* (Chl *r*)
 19. *Chlorophyll s* (Chl *s*)
 20. *Chlorophyll t* (Chl *t*)
 21. *Chlorophyll u* (Chl *u*)
 22. *Chlorophyll v* (Chl *v*)
 23. *Chlorophyll w* (Chl *w*)
 24. *Chlorophyll x* (Chl *x*)
 25. *Chlorophyll y* (Chl *y*)
 26. *Chlorophyll z* (Chl *z*)
 27. *Chlorophyll aa* (Chl *aa*)
 28. *Chlorophyll ab* (Chl *ab*)
 29. *Chlorophyll ac* (Chl *ac*)
 30. *Chlorophyll ad* (Chl *ad*)
 31. *Chlorophyll ae* (Chl *ae*)
 32. *Chlorophyll af* (Chl *af*)
 33. *Chlorophyll ag* (Chl *ag*)
 34. *Chlorophyll ah* (Chl *ah*)
 35. *Chlorophyll ai* (Chl *ai*)
 36. *Chlorophyll aj* (Chl *aj*)
 37. *Chlorophyll ak* (Chl *ak*)
 38. *Chlorophyll al* (Chl *al*)
 39. *Chlorophyll am* (Chl *am*)
 40. *Chlorophyll an* (Chl *an*)
 41. *Chlorophyll ao* (Chl *ao*)
 42. *Chlorophyll ap* (Chl *ap*)
 43. *Chlorophyll aq* (Chl *aq*)
 44. *Chlorophyll ar* (Chl *ar*)
 45. *Chlorophyll as* (Chl *as*)
 46. *Chlorophyll at* (Chl *at*)
 47. *Chlorophyll au* (Chl *au*)
 48. *Chlorophyll av* (Chl *av*)
 49. *Chlorophyll aw* (Chl *aw*)
 50. *Chlorophyll ax* (Chl *ax*)
 51. *Chlorophyll ay* (Chl *ay*)
 52. *Chlorophyll az* (Chl *az*)
 53. *Chlorophyll aza* (Chl *aza*)
 54. *Chlorophyll abz* (Chl *abz*)
 55. *Chlorophyll acz* (Chl *acz*)
 56. *Chlorophyll adz* (Chl *adz*)
 57. *Chlorophyll aez* (Chl *aez*)
 58. *Chlorophyll afz* (Chl *afz*)
 59. *Chlorophyll agz* (Chl *agz*)
 60. *Chlorophyll ahz* (Chl *ahz*)
 61. *Chlorophyll aiz* (Chl *aiz*)
 62. *Chlorophyll ajz* (Chl *ajz*)
 63. *Chlorophyll akz* (Chl *akz*)
 64. *Chlorophyll alz* (Chl *alz*)
 65. *Chlorophyll amz* (Chl *amz*)
 66. *Chlorophyll anz* (Chl *anz*)
 67. *Chlorophyll aoz* (Chl *aoz*)
 68. *Chlorophyll apz* (Chl *apz*)
 69. *Chlorophyll aqz* (Chl *aqz*)
 70. *Chlorophyll arz* (Chl *arz*)
 71. *Chlorophyll asz* (Chl *asz*)
 72. *Chlorophyll atz* (Chl *atz*)
 73. *Chlorophyll auz* (Chl *auz*)
 74. *Chlorophyll avz* (Chl *avz*)
 75. *Chlorophyll awz* (Chl *awz*)
 76. *Chlorophyll axz* (Chl *axz*)
 77. *Chlorophyll ayz* (Chl *ayz*)
 78. *Chlorophyll azz* (Chl *azz*)
 79. *Chlorophyll azaa* (Chl *aza*)
 80. *Chlorophyll abz* (Chl *abz*)
 81. *Chlorophyll acz* (Chl *acz*)
 82. *Chlorophyll adz* (Chl *adz*)
 83. *Chlorophyll aez* (Chl *aez*)
 84. *Chlorophyll afz* (Chl *afz*)
 85. *Chlorophyll agz* (Chl *agz*)
 86. *Chlorophyll ahz* (Chl *ahz*)
 87. *Chlorophyll aiz* (Chl *aiz*)
 88. *Chlorophyll ajz* (Chl *ajz*)
 89. *Chlorophyll akz* (Chl *akz*)
 90. *Chlorophyll alz* (Chl *alz*)
 91. *Chlorophyll amz* (Chl *amz*)
 92. *Chlorophyll anz* (Chl *anz*)
 93. *Chlorophyll aoz* (Chl *aoz*)
 94. *Chlorophyll apz* (Chl *apz*)
 95. *Chlorophyll aqz* (Chl *aqz*)
 96. *Chlorophyll arz* (Chl *arz*)
 97. *Chlorophyll asz* (Chl *asz*)
 98. *Chlorophyll atz* (Chl *atz*)
 99. *Chlorophyll auz* (Chl *auz*)
 100. *Chlorophyll avz* (Chl *avz*)
 101. *Chlorophyll awz* (Chl *awz*)
 102. *Chlorophyll axz* (Chl *axz*)
 103. *Chlorophyll ayz* (Chl *ayz*)
 104. *Chlorophyll azz* (Chl *azz*)
 105. *Chlorophyll azaa* (Chl *aza*)
 106. *Chlorophyll abz* (Chl *abz*)
 107. *Chlorophyll acz* (Chl *acz*)
 108. *Chlorophyll adz* (Chl *adz*)
 109. *Chlorophyll aez* (Chl *aez*)
 110. *Chlorophyll afz* (Chl *afz*)
 111. *Chlorophyll agz* (Chl *agz*)
 112. *Chlorophyll ahz* (Chl *ahz*)
 113. *Chlorophyll aiz* (Chl *aiz*)
 114. *Chlorophyll ajz* (Chl *ajz*)
 115. *Chlorophyll akz* (Chl *akz*)
 116. *Chlorophyll alz* (Chl *alz*)
 117. *Chlorophyll amz* (Chl *amz*)
 118. *Chlorophyll anz* (Chl *anz*)
 119. *Chlorophyll aoz* (Chl *aoz*)
 120. *Chlorophyll apz* (Chl *apz*)
 121. *Chlorophyll aqz* (Chl *aqz*)
 122. *Chlorophyll arz* (Chl *arz*)
 123. *Chlorophyll asz* (Chl *asz*)
 124. *Chlorophyll atz* (Chl *atz*)
 125. *Chlorophyll auz* (Chl *auz*)
 126. *Chlorophyll avz* (Chl *avz*)
 127. *Chlorophyll awz* (Chl *awz*)
 128. *Chlorophyll axz* (Chl *axz*)
 129. *Chlorophyll ayz* (Chl *ayz*)
 130. *Chlorophyll azz* (Chl *azz*)
 131. *Chlorophyll azaa* (Chl *aza*)
 132. *Chlorophyll abz* (Chl *abz*)
 133.

MONTH

[illegible]

| | | | |
|---------|--------------|-------|------------------|
| STATION | STATION NAME | YEARS | MONTH |
| | | | HOURS (C. S. T.) |

USAFETAL
FORM
AR 66
0-26-5 (OLA)
REPLACES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
|---------|--------------|-------|-------|

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

PSYCHROMETRIC SUMMARY

MONTH

HOURS: 5.1

[illegible]

USAFETAC
NORMA
JUN 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS MEMO ARE OBSOLETE

AL CLIMATOLOGICAL AFB CA
 1740
 T. C. SERVICE/AFAC

USE WITH CAUTION
 SEE FIRST PAGE

MEANS AND STANDARD DEVIATIONS

MONTHLY TEMPERATURES DERIVED FROM HOURLY OBSERVATIONS

STATION NAME

74-84

| | AN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YR |
|-----------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 34.4 | 35.2 | 39.6 | 44.8 | 51.3 | 59.9 | 65.3 | 64.8 | 61.0 | 49.7 | 38.7 | 32.8 | 46.7 |
| S.D. | 6.201 | 7.573 | 5.779 | 6.862 | 6.746 | 5.682 | 5.611 | 6.194 | 6.344 | 6.291 | 6.963 | 6.092 | 10.251 |
| TOTAL OBS | 11 | 24 | 41 | 1 | 376 | 297 | 305 | 307 | 291 | 279 | 31 | 22 | 2079 |
| MEAN | 34.6 | 38.6 | 43.1 | 49.2 | 59.7 | 68.9 | 73.5 | 71.9 | 64.3 | 52.0 | 39.5 | 34.1 | 52.6 |
| S.D. | 6.221 | 7.535 | 6.911 | 7.465 | 6.437 | 7.653 | 7.036 | 7.676 | 7.701 | 8.718 | 6.495 | 6.873 | 16.050 |
| TOTAL OBS | 912 | 846 | 927 | 893 | 970 | 900 | 926 | 930 | 893 | 970 | 886 | 867 | 10850 |
| MEAN | 44.3 | 47.2 | 53.6 | 61.1 | 72.1 | 82.3 | 87.7 | 84.9 | 79.0 | 66.8 | 53.2 | 45.2 | 65.1 |
| S.D. | 7.473 | 7.114 | 6.773 | 8.411 | 6.499 | 7.958 | 6.377 | 7.431 | 6.386 | 8.146 | 6.320 | 6.353 | 17.215 |
| TOTAL OBS | 906 | 849 | 930 | 894 | 930 | 900 | 927 | 930 | 888 | 970 | 888 | 891 | 10863 |
| MEAN | 46.1 | 58.1 | 60.1 | 67.4 | 78.3 | 88.8 | 95.2 | 92.6 | 87.5 | 75.5 | 63.1 | 55.5 | 73.2 |
| S.D. | 7.315 | 7.406 | 7.479 | 9.568 | 10.334 | 7.965 | 6.907 | 7.327 | 8.876 | 8.847 | 6.185 | 7.736 | 16.717 |
| TOTAL OBS | 905 | 849 | 930 | 894 | 930 | 900 | 927 | 930 | 886 | 970 | 886 | 889 | 10861 |
| MEAN | 55.3 | 59.2 | 64.3 | 67.1 | 77.7 | 88.1 | 95.1 | 92.8 | 87.9 | 75.8 | 62.9 | 56.2 | 73.4 |
| S.D. | 7.578 | 6.139 | 6.217 | 10.253 | 10.842 | 8.331 | 6.437 | 7.565 | 9.275 | 9.576 | 8.918 | 7.657 | 16.662 |
| TOTAL OBS | 905 | 849 | 930 | 894 | 930 | 900 | 926 | 927 | 890 | 970 | 888 | 870 | 10839 |
| MEAN | 47.6 | 51.1 | 53.3 | 59.2 | 69.3 | 78.7 | 85.3 | 83.0 | 78.1 | 65.5 | 52.6 | 46.3 | 54.3 |
| S.D. | 6.374 | 6.626 | 6.977 | 8.857 | 10.357 | 8.433 | 6.961 | 7.775 | 8.663 | 8.103 | 7.481 | 7.035 | 15.889 |
| TOTAL OBS | 905 | 846 | 929 | 894 | 930 | 900 | 923 | 927 | 894 | 929 | 888 | 855 | 10616 |
| MEAN | 42.7 | 46.7 | 49.3 | 53.8 | 64.1 | 70.1 | 77.7 | 76.0 | 74.8 | 57.3 | 47.8 | 42.0 | 50.7 |
| S.D. | 6.120 | 5.836 | 5.796 | 6.678 | 8.413 | 6.626 | 5.724 | 5.461 | 5.320 | 7.507 | 7.003 | 6.850 | 11.434 |
| TOTAL OBS | 371 | 22 | 307 | 263 | 43 | 57 | 47 | 47 | 71 | 91 | 294 | 294 | 2089 |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |
| MEAN | 46.1 | 50.9 | 53.7 | 61.1 | 70.1 | 79.9 | 85.9 | 83.5 | 78.1 | 66.0 | 53.8 | 47.0 | 64.9 |
| S.D. | 10.307 | 10.316 | 9.542 | 11.219 | 12.617 | 11.870 | 11.331 | 11.793 | 12.665 | 12.673 | 11.362 | 11.226 | 18.053 |
| TOTAL OBS | 433 | 4545 | 4596 | 4823 | 4999 | 4854 | 4981 | 4998 | 4819 | 5019 | 4763 | 4696 | 59329 |

SAR ETAL FORM 089.5 (OLA)

AL CLIMATELOGY BRANCH
 ATC
 AIRCRAFT SERVICE BRANCH

USE WITH CAUTION
 SEE FIRST PAGE

MEANS AND STANDARD DEVIATIONS

NET-RULE TEMPERATURES DERIVED FROM HOURLY OBSERVATIONS

2-10 AIRS AND CA

74-84

| | | STATION NAME | | | | | | | | | | | | YEAR | |
|------------|-----------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL | MEAN |
| 1-10 | MEAN | 71.0 | 73.0 | 76.0 | 79.5 | 84.3 | 89.7 | 93.5 | 94.2 | 90.5 | 82.3 | 73.7 | 68.9 | 47.8 | |
| | S.D. | 6.237 | 7.58 | 6.600 | 5.659 | 5.186 | 4.322 | 4.793 | 5.206 | 5.455 | 6.341 | 6.606 | 5.911 | 7.995 | |
| | TOTAL OBS | 11 | 24 | 41 | 51 | 326 | 297 | 315 | 367 | 295 | 279 | 31 | 22 | 2029 | |
| 1-11 | MEAN | 71.0 | 75.0 | 76.6 | 82.2 | 89.0 | 94.1 | 97.3 | 97.1 | 92.6 | 83.8 | 73.9 | 69.6 | 43.9 | |
| | S.D. | 6.187 | 7.65 | 6.295 | 5.505 | 5.380 | 4.498 | 4.753 | 5.015 | 5.512 | 6.704 | 7.976 | 8.333 | 11.552 | |
| | TOTAL OBS | 9 | 24 | 927 | 893 | 930 | 900 | 926 | 930 | 893 | 930 | 895 | 587 | 10849 | |
| 1-12 | MEAN | 71.0 | 81.6 | 84.4 | 87.7 | 93.6 | 98.5 | 101.7 | 102.1 | 99.0 | 91.3 | 82.4 | 77.3 | 49.9 | |
| | S.D. | 6.470 | 6.959 | 5.157 | 5.077 | 5.157 | 4.088 | 3.798 | 3.984 | 4.394 | 5.328 | 6.573 | 7.099 | 10.260 | |
| | TOTAL OBS | 9 | 24 | 849 | 930 | 894 | 930 | 900 | 927 | 930 | 887 | 930 | 888 | 891 | 10862 |
| 1-14 | MEAN | 73.4 | 85.6 | 86.9 | 90.0 | 95.5 | 101.2 | 103.9 | 104.0 | 101.4 | 94.5 | 87.1 | 83.0 | 53.1 | |
| | S.D. | 6.45 | 6.864 | 4.727 | 5.004 | 4.922 | 3.804 | 3.600 | 3.759 | 4.136 | 4.707 | 5.384 | 5.800 | 9.804 | |
| | TOTAL OBS | 9 | 24 | 849 | 930 | 894 | 930 | 900 | 927 | 930 | 888 | 930 | 888 | 889 | 10661 |
| 1-17 | MEAN | 74.0 | 86.0 | 87.1 | 90.1 | 95.7 | 101.7 | 104.3 | 104.4 | 101.6 | 94.3 | 86.8 | 83.3 | 53.3 | |
| | S.D. | 6.282 | 6.834 | 5.773 | 5.136 | 4.984 | 3.799 | 3.449 | 3.736 | 4.179 | 4.804 | 5.341 | 5.560 | 8.986 | |
| | TOTAL OBS | 9 | 24 | 849 | 930 | 894 | 930 | 900 | 926 | 927 | 890 | 929 | 888 | 870 | 10637 |
| 1-21 | MEAN | 75.7 | 82.7 | 84.3 | 87.4 | 93.3 | 97.8 | 101.5 | 101.6 | 98.9 | 91.6 | 82.9 | 78.9 | 50.0 | |
| | S.D. | 6.406 | 6.269 | 5.101 | 5.211 | 5.305 | 4.036 | 3.715 | 4.297 | 4.675 | 5.350 | 6.155 | 6.362 | 9.764 | |
| | TOTAL OBS | 9 | 24 | 846 | 929 | 894 | 930 | 898 | 923 | 927 | 894 | 929 | 886 | 855 | 10616 |
| 1-23 | MEAN | 77.4 | 80.4 | 82.4 | 85.7 | 89.7 | 95.0 | 98.7 | 97.7 | 97.3 | 90.4 | 82.2 | 78.2 | 42.2 | |
| | S.D. | 6.460 | 6.527 | 5.315 | 4.864 | 5.518 | 3.868 | 3.570 | 4.176 | 4.965 | 6.179 | 6.452 | 6.632 | 8.457 | |
| | TOTAL OBS | 3 | 22 | 309 | 263 | 43 | 57 | 47 | 47 | 71 | 91 | 293 | 284 | 2086 | |
| MEAN | | | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | | | |
| ALL MONTHS | MEAN | 72.3 | 82.0 | 84.1 | 87.2 | 92.9 | 97.7 | 101.2 | 101.4 | 98.2 | 90.3 | 82.2 | 78.0 | 49.7 | |
| | S.D. | 7.71 | 6.897 | 6.094 | 5.988 | 6.073 | 5.093 | 5.075 | 5.274 | 5.946 | 6.992 | 7.972 | 8.285 | 10.484 | |
| | TOTAL OBS | 4233 | 4545 | 4996 | 4823 | 4999 | 4652 | 4981 | 4998 | 4816 | 5015 | 4761 | 4690 | 58322 | |

U.S. AIR FORCE
TAC
AIR CATERING SERVICE

RELATIVE HUMIDITY

USE WITH CAUTION
FIRST PAGE

STATION
STATION NAME

STATION NAME

PERIOD

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
LST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|--------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|------------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| 1-1 | 1-14 | | | | | | | | | | | |
| 1-2 | 1-15 | 100.0 | 100.0 | 100.0 | 100.0 | 91.0 | 81.0 | 70.0 | 58.0 | 44.0 | 74.0 | 11 |
| 1-3 | 1-16 | 100.0 | 100.0 | 98.4 | 93.0 | 85.0 | 75.0 | 61.0 | 47.0 | 34.0 | 70.0 | 9 |
| 1-4 | 1-17 | 100.0 | 98.3 | 91.0 | 83.1 | 73.0 | 60.0 | 47.0 | 33.0 | 20.0 | 60.0 | 9 |
| 1-5 | 1-18 | 9.0 | 27.7 | 67.7 | 47.0 | 32.0 | 18.0 | 10.0 | 5.0 | 2.0 | 43.0 | 9 |
| 1-6 | 1-19 | 22.0 | 51.4 | 61.0 | 44.4 | 31.0 | 18.0 | 14.0 | 5.0 | 2.0 | 41.0 | 9 |
| 1-7 | 1-20 | 100.0 | 76.3 | 32.0 | 71.1 | 52.1 | 4.0 | 26.0 | 14.1 | 7.4 | 50.0 | 9 |
| 1-8 | 1-21 | 100.0 | 8.7 | 97.7 | 92.4 | 52.4 | 54.0 | 37.0 | 13.5 | 5.0 | 51.0 | 9 |
| 1-9 | 1-22 | | | | | | | | | | | |
| 1-10 | 1-23 | | | | | | | | | | | |
| 1-11 | 1-24 | | | | | | | | | | | |
| 1-12 | 1-25 | | | | | | | | | | | |
| 1-13 | 1-26 | | | | | | | | | | | |
| 1-14 | 1-27 | | | | | | | | | | | |
| 1-15 | 1-28 | | | | | | | | | | | |
| 1-16 | 1-29 | | | | | | | | | | | |
| 1-17 | 1-30 | | | | | | | | | | | |
| 1-18 | 1-31 | | | | | | | | | | | |
| TOTALS | | 100.0 | 4.0 | 4.4 | 73.0 | 61.0 | 48.0 | 36.0 | 10.0 | 5.0 | 50.0 | 483 |

2
JUNIOR CLIMATOLOGICAL BRANCH
ETAC
DATA FOR SERVICE USE

USE WITH CAUTION
SEE FIRST PAGE

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

12-112 10 A DS AFB CA

74-84

| | | STATION NAME | | | | | | | | | | | | YEARS | |
|---|-----------|--|------|------|------|------|------|------|------|------|------|------|------|--------|------|
| | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | 1974 | 1984 |
| 1 | MEAN | | | | | | | | | | | | | | |
| | S.D. | | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | | |
| 2 | MEAN | | | | | | | | | | | | | | |
| | S.D. | | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | | |
| 3 | MEAN | 27.69527.66427.59527.57627.53227.53727.56127.56927.56227.62927.67227.703 | | | | | | | | | | | | 27.636 | |
| | S.D. | .142 | .143 | .143 | .136 | .093 | .072 | .056 | .063 | .072 | .096 | .139 | .134 | .124 | |
| | TOTAL OBS | 302 | 23 | 310 | 298 | 310 | 300 | 309 | 310 | 296 | 310 | 296 | 297 | 3620 | |
| 4 | MEAN | 27.7227.69027.67227.59527.53027.52827.55927.57127.56927.64027.69127.732 | | | | | | | | | | | | 27.617 | |
| | S.D. | .144 | .142 | .143 | .137 | .094 | .071 | .059 | .065 | .072 | .097 | .142 | .141 | .133 | |
| | TOTAL OBS | 302 | 23 | 310 | 298 | 310 | 300 | 309 | 310 | 296 | 310 | 296 | 297 | 3620 | |
| 5 | MEAN | 27.65427.63927.55927.54727.49627.49727.52327.53027.52227.59527.62827.665 | | | | | | | | | | | | 27.570 | |
| | S.D. | .141 | .134 | .135 | .103 | .091 | .070 | .056 | .065 | .071 | .093 | .138 | .137 | .111 | |
| | TOTAL OBS | 302 | 23 | 310 | 298 | 310 | 300 | 309 | 310 | 296 | 310 | 296 | 296 | 3620 | |
| 6 | MEAN | 27.63927.61827.52727.51227.46427.46827.48627.49127.48327.55727.60727.646 | | | | | | | | | | | | 27.529 | |
| | S.D. | .132 | .127 | .127 | .126 | .075 | .066 | .055 | .064 | .069 | .099 | .131 | .132 | .119 | |
| | TOTAL OBS | 302 | 23 | 310 | 298 | 310 | 300 | 309 | 308 | 296 | 310 | 296 | 299 | 3611 | |
| 7 | MEAN | 27.65227.62527.54327.52427.47927.48327.50027.50727.50227.57927.62927.666 | | | | | | | | | | | | 27.556 | |
| | S.D. | .133 | .127 | .125 | .104 | .072 | .064 | .055 | .061 | .063 | .097 | .132 | .131 | .119 | |
| | TOTAL OBS | 301 | 22 | 310 | 298 | 310 | 300 | 308 | 309 | 298 | 310 | 296 | 295 | 3607 | |
| 8 | MEAN | | | | | | | | | | | | | | |
| | S.D. | | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | | |
| 9 | MEAN | 27.6727.64527.56327.54927.50027.50127.52627.53427.52827.59827.64527.683 | | | | | | | | | | | | 27.576 | |
| | S.D. | .143 | .138 | .137 | .106 | .083 | .073 | .065 | .071 | .078 | .098 | .140 | .139 | .120 | |
| | TOTAL OBS | 15 | 1414 | 1549 | 1490 | 1550 | 1500 | 1543 | 1547 | 1484 | 1550 | 1479 | 1464 | 18079 | |

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PART :

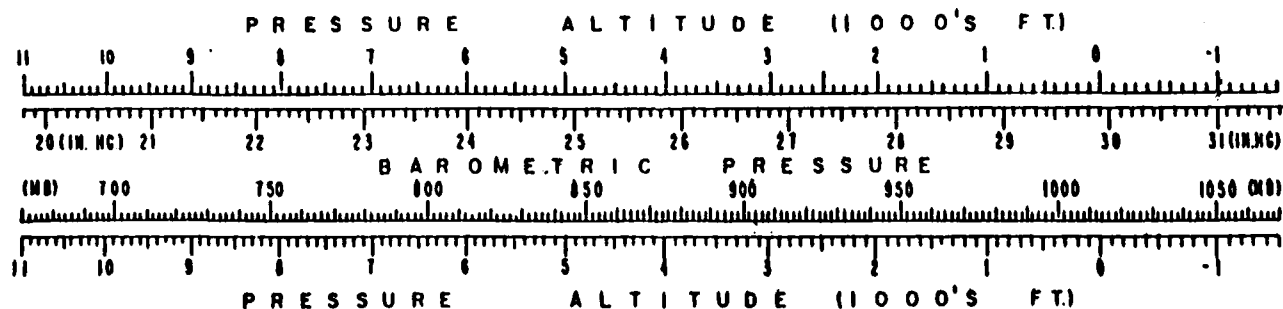
PRESSURE SUMMARY

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 OCT. 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.

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.



USE WITH CAUTION
SEE FIRST PAGE

RELATIVE HUMIDITY

| | |
|---------|--------------|
| 2017 | LANDS AFB CA |
| STATION | STATION NAME |

74-53

PERIOD

0-6 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% | | |
| 0-22 | | | | | | | | | | | | |
| 3-26 | 100.0 | 98.9 | 86.4 | 81.8 | 72.7 | 63.6 | 54.5 | 19.2 | 4.5 | 63.6 | | 72 |
| 4-29 | 100.0 | 98.5 | 92.3 | 85.5 | 69.2 | 52.2 | 34.3 | 15.7 | 7.8 | 60.6 | | 587 |
| 5-11 | 100.0 | 97.2 | 82.3 | 61.1 | 41.3 | 24.4 | 11.7 | 4.9 | .9 | 48.2 | | 831 |
| 6-14 | 100.0 | 96.5 | 81.2 | 32.2 | 15.9 | 8.3 | 4.3 | 1.5 | | 35.4 | | 589 |
| 7-17 | 100.0 | 92.5 | 47.7 | 30.5 | 16.6 | 9.5 | 4.7 | .8 | .2 | 34.7 | | 871 |
| 8-20 | 100.0 | 96.6 | 78.1 | 54.9 | 39.2 | 23.3 | 12.5 | 4.8 | .5 | 46.4 | | 775 |
| 9-23 | 100.0 | 97.5 | 85.3 | 69.5 | 49.2 | 32.7 | 13.7 | 8.9 | 1.4 | 51.3 | | 234 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | 100.0 | 92.7 | 74.9 | 59.1 | 43.2 | 30.5 | 22.7 | 7.8 | 1.7 | 48.7 | | 462 |

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

USE WITH CAUTION
 SEE FIRST PAGE

RELATIVE HUMIDITY

120017
 STATION

EDWARDS AFB CA

STATION NAME

74-63

PERIOD

1200
 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 | |
| 7-02 | | | | | | | | | | | |
| 7-03 | | 100.0 | 100.0 | 98.7 | 93.9 | 87.6 | 58.1 | 37.3 | 9.7 | 6.5 | 31 |
| 7-08 | | 100.0 | 99.7 | 93.1 | 76.7 | 58.8 | 45.4 | 27.5 | 10.3 | 3.8 | 695 |
| 7-11 | | 100.0 | 98.8 | 67.5 | 45.6 | 27.6 | 12.2 | 4.8 | 1.4 | .5 | 683 |
| 7-14 | | 100.0 | 64.5 | 36.3 | 19.6 | 9.3 | 3.4 | 1.7 | | | 682 |
| 7-17 | | 99.7 | 60.5 | 37.2 | 22.9 | 10.9 | 6.0 | 2.8 | 1.1 | .2 | 698 |
| 7-20 | | 100.0 | 37.8 | 63.6 | 45.8 | 29.2 | 15.1 | 7.5 | 1.8 | .7 | 698 |
| 7-23 | | 100.0 | 96.9 | 74.7 | 56.7 | 47.6 | 22.9 | 9.2 | 2.4 | .7 | 693 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| TOTALS | | 100.0 | 75.7 | 66.1 | 50.2 | 36.7 | 23.3 | 12.3 | 3.8 | 1.7 | 4751 |

RELATIVE HUMIDITY

STATION

APR 1954

STATION NAME

72-84

PERIOD

12 MONTH

[illegible]

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

END

DATE
FILMED

1-2-85

DTIC