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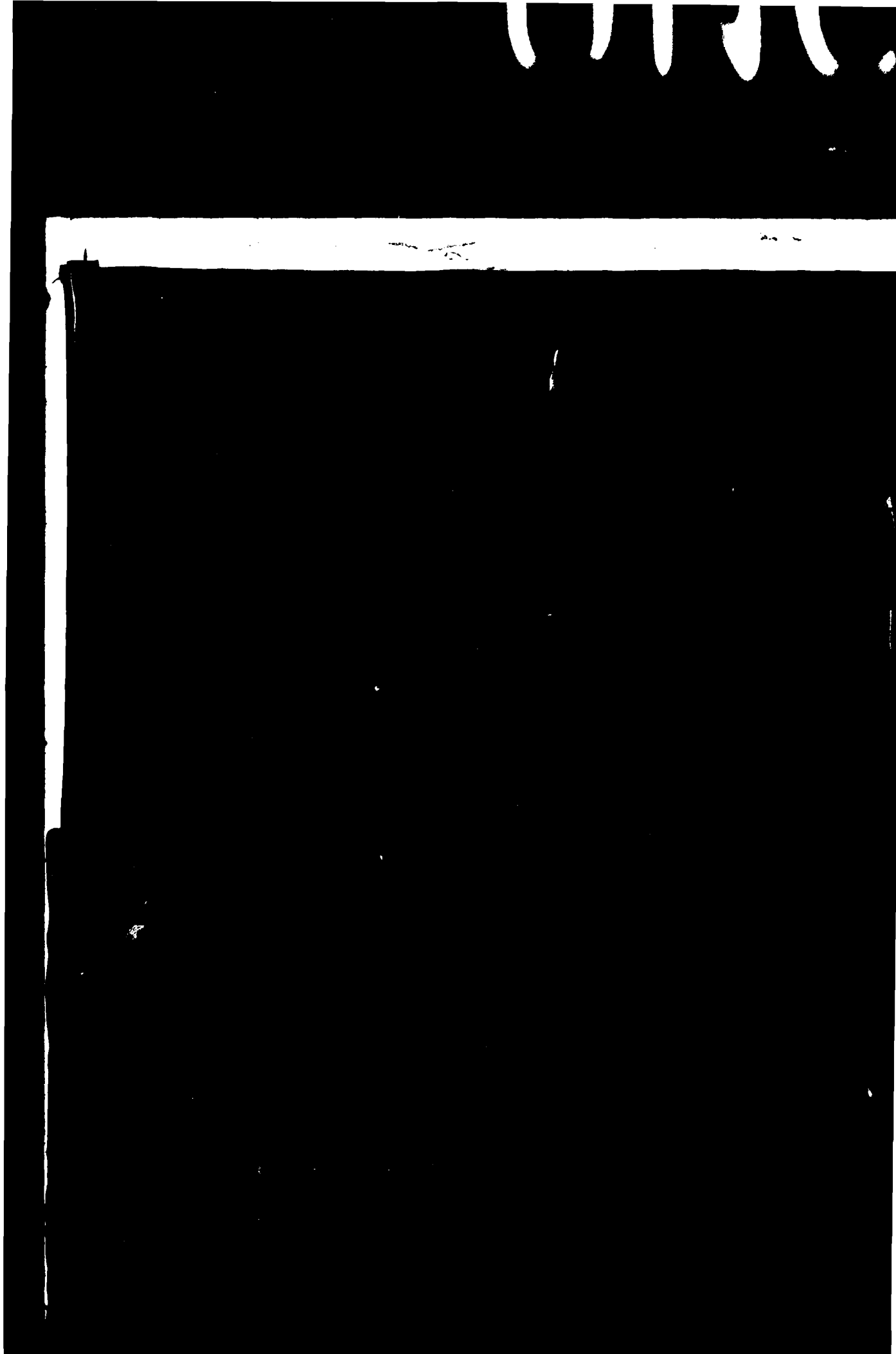
USAFETAC/DS-85/013

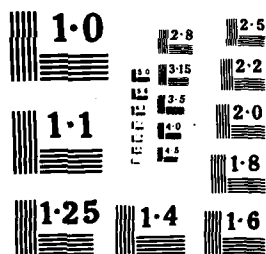
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DATA PROCESSING BRANCH
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"LIMITED SURFACE OBSERVATION DATA"
CLIMATE SUMMARY "13000"

AL JUBAYL/DHAKHA SAUDI ARABIA MSC #404100
1 26 16 10 050 10 ELEV: 75 FT CDR
PARTS A-F HOURLY SUMMARIZED: 0000L - 2300L
PERIOD OF RECORD:
HOURLY OBSERVATIONS: JAN 75 - DEC 84
SUMMARY OF DAY DATA: NONE:
TIME CONVERSION GMT TO LST: +3

29 MAY 1985

DTIC FILE COPY

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FEDERAL BUILDING
ASHEVILLE, N. C.

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FOR THE COMMANDER

Wayne E. McCollom

WAYNE E. MCCOLLUM
Chief, Document Research Section
USAFETAC/LDX

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SECURITY CLASSIFICATION OF THIS PAGE

AD 159607

REPORT DOCUMENTATION PAGE

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8c. ADDRESS (City, State, and ZIP Code)			PROGRAM ELEMENT NO.	TASK NO.
			PROJECT NO.	WORK UNIT ACCESSION NO.
11. TITLE (Include Security Classification) AL JUBAYL / DHAHRAN SAUDI ARABIA (LISOC) (Unclassified)				
12. PERSONAL AUTHOR(S)				
13a. TYPE OF REPORT Data Summary		13b. TIME COVERED FROM JAN 75 TO DEC 84		14. DATE OF REPORT (Year, Month, Day) MAY 85
15. PAGE COUNT 120				
16. SUPPLEMENTARY NOTATION				
17. COSATI CODES			18. SUBJECT TERMS (Continue on reverse if necessary and identify by block number)	
FIELD	GROUP	SUB-GROUP	*climatology *weather Meteorological conditions	
04	02		(continued over)	
19. ABSTRACT (Continue on reverse if necessary and identify by block number) A statistical data summary of surface weather observation climatology for: AL JUBAYL / DHAHRAN SAUDI ARABIA. 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 exhausted.
All other editions are obsolete.

SECURITY CLASSIFICATION OF THIS PAGE

UNCLASSIFIED

UNCLASSIFIED

18. Subject terms cont.

winds	precipitation	temperature	visibility
barometric pressure		relative humidity	
sky cover	psychrometric data		ceiling

Limited Surface Observations Climatic Summary
LISOCs

AL JUBAYL SAUDI ARABIA
DHAHRAN

SD 404160

UNCLASSIFIED

✓

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

Approved for ✓

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.

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

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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.

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
NO WEATHER SERVICE/MAC

WEATHER CONDITIONS

4-4150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84 JAN
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02		2.9				2.9	4.4	1.5		1.5	7.7	274
	03-05	.3	3.7				3.7	12.2	1.7		1.1	15.7	294
	06-08		1.9				1.9	15.9	1.9		2.2	14.5	267
	09-11	.7	2.5				2.5	12.5	12.2		4.0	24.5	303
	12-14		2.7				2.7	1.2	7.2		12.7	13.7	299
	15-17	.3	.7				.7	2.2	4.9		12.7	17.3	327
	18-20	1.1	2.9				2.9	.7	7.5		1.4	15.7	278
	21-23	1.2	1.7				1.7	2.4	3.2		1.7	8.5	297
TOTALS		.4	2.9				2.4	5.9	4.7		5.2	15.7	2719

JOINT CLIMATOLOGY BRANCH
UNAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

4150 AL JIJAYL/DHAHRAN SAUDI ARABIA 75-84 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02	.4	2.4				2.4	5.5	2.4		2.4	12.7	222
	03-05	.4	3.5				3.5	15.3	.7		2.9	19.4	272
	06-08		1.5				1.5	17.2	1.5		3.5	22.4	257
	09-11	.4	1.5				1.5	12.1	11.5		7.1	29.2	251
	12-14	.4	4.5				4.5	1.3	9.4		11.5	21.7	272
	15-17	.4	3.5				3.5	.7	5.5		12.3	17.5	251
	18-20	.4	2.7				2.7	2.7	3.1		5.9	19.4	258
	21-23	1.1	3.0				3.0	2.5	3.0		7.0	22.5	259
TOTALS		.4	2.5				2.5	7.4	5.4		.2	18.7	2147

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JULYAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

WEATHER CONDITIONS

4153 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-34
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAR	07-24	.3	3.4				3.4	4.5	1.4		3.3	9.5	291
	25-31	.3	2.9				2.9	7.5	2.5		4.4	12.4	307
	05-28	.3	3.5				3.5	15.3	3.5		4.2	23.3	257
	09-11		2.0				2.0	5.5	7.5		11.3	24.5	701
	12-14	.3	3.0				3.0	1.7	5.4		12.7	19.4	299
	15-17	.3	3.3				3.3	.3	4.3		13.4	21.2	305
	18-20		2.7				2.7	2.5	4.5		12.9	21.4	274
	21-23	1.4	3.0			.3	3.0	4.1	1.4		5.4	8.4	275
TOTALS		.4	3.0			.3	3.0	5.1	4.1		.5	17.1	2757

GENERAL CLIMATOLOGY BRANCH
USAFETAC
U.S. WEATHER SERVICE/MAC

WEATHER CONDITIONS

4-150 STATION 42 JUBAYL/044424 SAUDI ARABIA 75-34 YEARS 150 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (EST.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	01-02	.4	1.5				1.5	.7	5.7		.2	7.4	270
	03-05	1.0	1.7				1.7	2.7	5.5		4.5	10.5	271
	06-08	.7	2.2				2.2	5.5	5.5		4.5	15.5	279
	09-11	.3	2.4				2.4	.7	15.2		10.2	31.3	297
	12-14		.7				.7		9.7		8.7	15.6	289
	15-17	.3	2.5				2.5		5.1		10.3	24.7	295
	18-20	.4	2.5				2.5		15.5		10.2	25.4	303
	21-23		1.4				1.4	1.4	5.4		.4	11.3	282
TOTALS		.4	1.3				1.3	1.5	7.3		10.4	19.4	277

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE, IAC

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

SURFACE WIND

474150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84

STATION

STATION NAME

YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KTS) D.R.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.7	.7	2.1	2.0	.2							5.5
NNE		.7	.2									.2
NE	.2	.2										.2
ENE	.1	.3	.2	.1	.1							.2
E	.2	.5	1.3	.1								2.2
ESE		.2	.4	.8	.1							.2
SE	.1	.5	1.4	1.0								3.2
SSE	.2	1.6	2.2	1.5								5.4
S	.2	1.8	3.1	.5								5.7
SSW	.4	1.5	1.2	.2								3.1
SW	.5	1.2	.3	.1								2.1
WSW	.3	1.3	.5	.2								2.5
W	.2	4.3	3.3	2.0								11.4
WNW		3.1	10.5	6.7	.8							21.5
NW	.2	1.7	8.3	6.8	2.3							21.4
NNW	.1	.7	3.7	2.8	.8							6.2
VARBL		.1										.2
CALM												.4
	4.7	20.7	39.2	26.9	4.4							100.0

TOTAL NUMBER OF OBSERVATIONS



USAFETAC FORM 5-945 OL-4 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WIND

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

434150

AL JUBAYL/DHAHRAN SAUDI ARABIA

75-84

STATION

STATION NAME

YEARS

ALL WEATHER

CLASS

CONDITION

J

00

HOURS

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.5	.5	.3	.5	.3							.2
NNE	.3	.5	.1	.1								.2
NE	.1	.1	.1									.1
ENE		.5										.1
E	.1	.5	.4	.3								1.7
ESE	.1	.5	.4	.3								1.4
SE	.3	1.9	1.4	.4								1.7
SSE	.1	1.1	1.7	.4								2.7
S	.5	1.5	.4	.1								2.1
SSW	.3	1.7	.3	.1								1.2
SW	.3	.9	.1									1.1
WSW	1.7	.5	.9									2.1
W	1.9	7.1	5.6	1.7	.1							11.5
WNW	1.3	5.7	15.5	4.9	.5							21.1
NW		1.3	7.7	7.2	.5							11.1
NNW	.4	.5	2.3	1.3	.3	.1						4.3
VARBL	.1											.1
CALM												11.7
	7.1	25.0	37.7	15.5	1.9	.1						100.0

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WIND

404150
STATION

AL JUBAYL/DHAHRAN SAUDI ARABIA
STATION NAME

75-84
YEARS

ALL WEATHER
CLASS

CONDITION

0100
HOURS

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.4	.9	1.0	.8		.1						3.2
NNE	.1	.5	.3									.7
NE	.1	.1	.3									.5
ENE		.4	.1									.5
E	.5	.4	.4	.3								1.6
ESE	.1	1.4	.5	.4								2.4
SE	.3	.9	.9	.1								2.4
SSE	.4	1.7	1.2	.1								3.3
S	.3	1.0	1.0	.1								2.4
SSW	.5	.8	.1									1.4
SW	.4	.4	.6									1.4
WSW	1.0	1.3	.1									2.4
W	3.1	5.6	4.2	.6								13.5
WNW	.6	5.8	13.7	2.0	.5							23.7
NW	1.0	2.7	10.5	5.1	.3	.3						18.9
NNW		1.4	3.1	2.3	.3	.3						7.3
VARBL												
CALM												15.1
	2.1	25.2	33.0	11.9	1.0	.5						100.0

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WIND

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

474150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-E4

STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

100 HOURS

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.5	1.8	1.3									3.7
NNE	.4	.3										.7
NE	.1	.4	.3	.1								.9
ENE	.1	.5	.1									.7
E	1.0	1.8	.3	.1								3.2
ESE	1.7	3.0	1.0	.3								6.0
SE	.8	1.5	1.4	.8	.1							4.6
SSE	1.1	.8	.8	.5	.1							3.3
S	.5	.5	.9	.1								2.3
SSW	.3	.4	.3									.9
SW	.1	.1										.2
WSW	.5	.4	.1									1.1
W	1.8	7.2	4.4		.1							13.5
WNW	1.1	8.3	9.7	1.9	.1	.1						21.4
NW	.3	4.6	5.5	3.8	.5							15.2
NNW	.5	1.4	4.8	1.8	.3							7.7
VARBL												
CALM												17.4
	12.7	33.1	31.0	9.4	1.4	.1						100.0

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.

WEATHER CONDIT

YEARS

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
JAN	8.0	.4	2.4				2.4	5.9	4.7		5.2	15.7
FEB		.4	2.3				2.5	7.4	5.4		5.2	13.7
MAR		.4	3.3			.3	3.3	5.1	4.1		5.5	17.5
APR		.4	1.3				1.3	1.5	7.9		13.4	19.4
MAY		.2	.3				.3	.9	5.5		14.1	23.2
JUN								.4	7.4		32.9	43.2
JUL		.3						2.1	12.5		23.5	37.5
AUG			.1				.1	3.4	11.1		21.4	37.5
SEP								7.4	12.1		7.7	25.5
OCT		.2	.1				.1	2.4	3.9		5.3	24.1
NOV		.2	.7				.7	5.5	6.9		7.5	15.7
DEC		.3	1.5				1.5	5.9	5.5		4.5	15.9
TOTALS		.2	1.1			.3	1.1	4.7	7.9		12.2	24.5

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

123456789012345678901234567890123456789012345678901234567890123456789012345678901234567

WEATHER CONDI1

YEARS

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
DEC	00-02		.7				.7	3.7	1.4		2.3	12.9
	03-05	.3	2.5				2.5	15.1	.7		2.5	19.4
	06-08		2.5				2.5	13.5	.7		2.9	17.2
	09-11		1.3				1.3	12.5	15.3		5.3	32.7
	12-14		1.0				1.0	1.4	7.3		4.3	19.9
	15-17		2.5				2.5	1.0	5.1		7.4	13.2
	18-20		1.0				1.0	1.0	7.7		3.5	12.5
	21-23		1.0				1.0	2.7	5.3		2.3	7.4
TOTALS		.3	1.5				1.5	5.9	5.5		4.5	15.9

GLOBAL CLIMATOLOGY BRANCH
JMWETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDIT

4 4150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
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
NOV	00-02	.4	.7				.7	5.9	2.0		.7	9.3
	03-05	.4	.4				.4	13.0	2.1			15.1
	06-08							22.3	5.3		1.3	27.4
	09-11	.3	.7				.7	7.5	15.5		7.2	30.2
	12-14		1.1				1.1	.4	11.3		5.5	19.9
	15-17	.3	1.0				1.0		7.3		7.5	14.7
	18-20		1.1				1.1	.4	9.5		4.1	12.0
	21-23	.3	.3				.3	2.1	2.7		.3	5.2
TOTALS		.2	.7				.7	5.5	5.5		5.5	15.7

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

WEATHER COND

14150 A JUBAYL/JAHARAN SAUDI ARABIA 75-34
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
OCT	00-01							9.1	2.0		.2	12.9
	03-05							15.4	1.7			15.1
	06-08							27.4	5.7		1.1	35.7
	09-11							5.3	19.2		9.3	35.5
	12-14							.3	12.5		14.3	25.6
	15-17	.7							5.5		13.2	20.5
	18-20	.7	.3				.3	.7	15.5		5.2	22.7
	21-23	.3	.7				.7	4.7	7.3		1.3	12.5
TOTALS		.2	.1				.1	3.4	5.9		5.0	23.1

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CON

404153 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-34

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 O WITH OE TO VISIB
SEP	00-02							5.5	5.7		1.3	12.
	03-05							15.7	2.7		2.7	22.
	06-08							27.8	11.5		5.7	45.
	09-11							4.7	30.5		14.5	49.
	12-14							.7	15.5		15.5	31.
	15-17								10.1		10.1	22.
	18-20							.7	17.7		5.1	23.
	21-23							1.7	4.5		1.7	7.
TOTALS								7.4	12.1		7.7	25.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONI

404160 AC JUBAYL/DHARAV SAUDI ARABIA 75-84

STATION

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OI WITH OB TO VISIC
AJS	00-02							5.0	9.0		7.5	21.
	03-05							7.9	5.3		11.5	25.
	06-08		.3				.3	10.0	20.1		21.1	50.
	09-11							1.3	20.3		41.3	62.
	12-14								9.4		35.7	48.
	15-17		.3				.3		5.2		35.5	42.
	18-20							.3	10.3		24.3	34.
	21-23							2.3	7.5		5.5	15.
TOTALS			.1				.1	3.4	11.1		23.4	77.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONC

4 4150

AL JUBAYL/DHAKHAN SAUDI ARABIA

75-84

STATION

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBS TO VISION
JUL	00-02							2.1	5.2		9.0	17.0
	03-05							4.9	8.5		14.1	25.9
	06-08							8.5	20.1		21.5	50.0
	09-11							.3	23.7		40.9	64.5
	12-14								11.4		39.0	50.3
	15-17								5.2		33.9	40.1
	18-20	.3							14.2		21.7	35.3
	21-23							1.3	10.1		7.8	18.9
TOTALS		.3						2.1	12.5		23.5	37.7

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONI

14150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
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 OB- SERVATIONS TO VISIB
JUN	00-02							.7	4.5		17.3	22.4
	03-05							1.2	4.5		22.5	27.1
	06-08							.7	15.2		30.3	44.8
	09-11								15.5		49.2	63.8
	12-14								5.7		49.8	55.8
	15-17								3.7		44.7	47.8
	18-20								3.9		32.9	35.1
	21-23							.7	4.7		15.3	21.1
TOTALS								.4	7.4		32.9	40.1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CON

104150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-34
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 C WITH C TO VISI
MAY	00-02	.4	.4				.4	1.4	4.2		3.5	9.
	03-05							1.3	3.3		4.0	3.
	06-08	.3						3.3	11.2		1.3	25.
	09-11		.3				.3	1.0	20.3		22.5	42.
	12-14		.7				.7		5.2		23.2	32.
	15-17		.3				.3		5.9		2.2	31.
	18-20	.3	.3				.3		9.0		17.1	25.
	21-23	.3	.3				.3		3.4		4.7	9.
TOTALS		.2	.3				.3	.9	5.5		14.1	23.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFAC

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

134150
 STATION

AL JUBAYL/DHAKRAH SAUDI ARABIA
 STATION NAME

75-84
 YEARS

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.2	3.4	7.1	7.2	1.9	.2					
NNE	.1	.9	1.2	.5							
NE	.1	.2	.5								
ENE		.9	.7								
E	.1	.9	.8	.3							
ESE	.1	.7	2.1	.3	.1						
SE	.2	.9	1.7	1.9	.5						
SSE	.5	.9	3.3	1.5							
S	.3	1.3	2.9	2.1	.1						
SSW	.1	.7	.5	.1							
SW	.5	.5									
WSW	.1	.3	.1	.2							
W	.5	.9	1.5	.9	.1						
WNW	.3	1.6	2.8	1.9	.5						
NW	.1	.9	7.1	4.4	2.1						
NNW	.3	1.6	4.4	8.5	2.3	.1					
VARBL	.5	.2									
CALM											
	4.9	17.3	37.3	30.3	7.2	.3					

TOTAL NUMBER OF OBSERVATION

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

SURFAC

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

404150 AL JJBAYL/DHAKRAH SAJDI ARABIA 75-84
STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.1	2.3	11.3	13.5	1.5	.2					
NNE		1.9	4.4	1.2							
NE		.9	1.9	.1							
ENE	.5	2.1	1.5								
E	.7	4.2	2.1	.5	.1						
ESE	.5	2.8	2.3	.8	.1						
SE	.2	1.2	3.3	2.1	.1						
SSE	.5	.7	2.2	1.9							
S	.2	.7	.7	.2							
SSW	.1	.2	.2								
SW	.1	.1	.2								
WSW		.1									
W		.1	.5								
WNW		.2	.6	.6	.3						
NW	.1	.9	2.3	3.5	.9						
NNW	.1	.6	3.1	8.0	2.5						
VARBL											
CALM											
	3.1	21.2	36.8	32.5	5.7	.2					

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFAC

104150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-34
STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	1.7	3.7	13.5	2.4							
NNE	1.2	3.5	1.3								
NE	.1	2.1	.2	.2							
ENE	.5	1.7	1.2	.2							
E	1.6	5.7	2.9	.4	.1						
ESE	.9	2.2	1.7	.2	.1						
SE	.4	1.2	2.7	.2							
SSE	.2	.6	.7	.4							
S	.4	.4	.2								
SSW	.1		.2								
SW			.1								
WSW	.1										
W	.2	.2	.1	.1							
WNW	.1	1.3	.9	.6							
NW		2.6	3.5	2.1	.1						
NNW	.5	4.7	11.5	4.7	1.1						
VARBL	.1										
CALM											
	7.6	34.8	37.3	11.7	1.5						

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE

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

434153 AL JJBAYL/DHARAN SAJDI ARABIA 75-84
STATION STATION NAME YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.6	4.3	2.5	.5	.1						
NNE	.9	.9									
NE	.5	.7	.2								
ENE	.5	.2	.4		.1						
E	.5	4.3	1.5	.2							
ESE	1.2	4.2	2.5	1.1	.4						
SE	.9	1.3	2.2	.5	.1						
SSE	.1	.6	.4	.1							
S		.1									
SSW	.2	.2	.1								
SW	.2	.1									
WSW	.2	.2									
W	1.1	2.7	1.7	.1							
WNW	1.2	5.6	4.9	.5							
NW	1.7	6.4	7.1	3.4	.4	.5					
NNW	.9	5.3	5.1	2.8	.2						
VARBL											
CALM											
	17.1	37.9	28.7	9.4	1.3	.5					

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE

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

474163
STATION

AL JUBAYL/DHAKHAN SAJDI ARABIA
STATION NAME

75-54
YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.5	2.9	4.7	3.5	.5	.1					
NNE	.4	1.1	.9	.2							
NE	.2	.5	.5	.1							
ENE	.2	.9	.5	.3	.3						
E	.5	2.3	1.2	.3	.3						
ESE	.5	1.9	1.4	.5	.1						
SE	.4	1.2	1.9	.9	.1						
SSE	.4	1.3	1.5	.9	.3						
S	.4	.9	1.2	.4	.3						
SSW	.3	.6	.4	.1							
SW	.3	.4	.2	.3							
WSW	.4	.5	.2	.1							
W	1.1	3.5	2.8	.6	.3						
WNW	.5	4.2	7.3	2.4	.4	.3					
NW	.3	2.5	5.5	4.8	.9	.1					
NNW	.4	2.3	4.8	4.1	1.3	.1					
VARBL	.1	.3									
CALM											
	7.1	25.7	35.3	19.9	3.1	.2					

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE

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

404153 AL JIBAYL/DHAMRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	1.4	2.8	2.4	1.5	.1						
NNE	1.1	2.0	.5	.1							
NE		.5	.3	.1							
ENE	.3	.9	.4								
E	.7	1.5	.5								
ESE	.4	4.2	2.0	.7	.1						
SE	.6	3.5	1.9	.4							
SSE	.3	1.1	1.0	.5							
S	.1	.7	.7								
SSW	.3	.4	.3								
SW	.1	.4	.1								
WSW	.5	1.4									
W	3.2	9.1	2.4								
WNW	.9	9.5	5.0	.7							
NW	1.4	3.2	3.4	.7	.4						
NNW	.5	2.0	2.0	2.0	.4						
VARBL		.3									
CALM											
	12.2	43.7	24.2	7.4	1.1						

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE

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

41150
STATION

AL JUBAYL/DHAHRAN SAUDI ARABIA
STATION NAME

75-84
YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.4	1.6	2.9	1.1	.1						
NNE	.7	1.7	.9	.1							
NE	.4	.3									
ENE	.7	1.3	.1								
E	.7	1.2	.3	.1	.1						
ESE	.3	2.0	1.1	.4							
SE	.3	2.6	2.1	.1							
SSE	.9	2.2	1.3	.4							
S	.7	1.2	.7								
SSW	.4	.4	.1								
SW	.4	.5									
WSW	.5	.9	.4								
W	2.5	7.1	4.0								
WNW	2.2	7.8	9.0	1.7	.1						
NW	.7	2.9	5.5	1.3	.9						
NNW	.4	2.6	2.5	2.6	.3						
VARBL		.1									
CALM											
	12.5	35.5	29.8	7.9	1.5						

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE 1

404150
STATION

AL JUBAYL/JAHARAN SAUDI ARABIA
STATION NAME

75-84
YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.8	2.5	1.5	1.5	.4						
NNE	.7	.8	.7	.3							
NE	.4	.3	.1								
ENE	.4	.3	.3								
E	.4	.5	1.7	.1	.1						
ESE	.4	.3	1.7	.1	.1						
SE	.7	2.1	1.5	.4		.1					
SSE	.3	1.4	.3	.8							
S	.4	1.2	.8								
SSW	.5	.7	.4	.1							
SW	.5	.5	.1								
WSW	1.3	1.2	.1	.1							
W	1.9	8.2	4.9								1
WNW	1.8	5.6	8.8	1.9							1
NW	.5	3.1	5.7	3.3	.1	.3					1
NNW	.4	.5	2.2	2.2		.1					
VARBL		.1									
CALM											1
	11.2	31.6	32.5	10.9	.8	.5					1

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE W

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

404150
STATION

AL JUBAYL/DHAHRAN SAUDI ARABIA
STATION NAME

75-84
YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.7	1.6	3.9	4.3	1.3							11
NNE	.1	.9	1.5	1.1	.1							3
NE	.1	.4	1.1	.3								1
ENE	.3	.6	.9									1
E	.3	2.5	1.5	.5								4
ESE	.4	1.4	1.8	.4	.1							4
SE	.7	1.7	2.7	1.4	.1	.1						4
SSE	.5	.8	2.1	1.9	.5							5
S	.5	2.1	2.7	1.3								5
SSW	.3	1.5	1.5	.1								3
SW	.3	1.1	.5	.1								6
WSW	.5	1.7	.1									1
W	.1	3.5	2.3	.4								6
WNW	.3	3.4	5.7	3.7	.1							13
NW	.4	2.6	5.4	5.7	2.7	.1						16
NNW	.3	.9	3.3	3.3	1.7							5
VARBL	.1	.3										
CALM												3
	4.9	25.6	35.5	23.7	5.3	.3						100

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE W

104130 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.5	2.8	5.3	9.8	4.1	.1						22
NNE		2.1	2.9	1.6								5
NE		.3	.9	.8								1
ENE	.7	.4	1.9	.8								3
E	.1	2.8	2.9	.6								5
ESE	.3	2.5	2.3	.8	.1							5
SE	.1	1.3	3.7	3.0	.3							7
SSE		1.7	3.7	3.7	.3							7
S	.9	1.9	1.9	.8								5
SSW	.1	1.7	.9	.5	.1							2
SW	.1	.1	.4	.4								1
WSW		.3	.1									
W	.4	.6	.3									1
WNW	.3	1.3	1.5	.4	.1	.1						3
NW	.3	.8	2.4	2.6	2.7	.1						5
NNW	.4	.9	4.5	5.7	2.9	.3						14
VARBL	.1	.3										
CALM												1
	3.6	27.1	35.1	29.6	9.9	.6						100

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WIND

104150
STATION

AL JUBAYL/DHAKHAN SAUDI ARABIA
STATION NAME

75-84
YEARS

ALL WEATHER
CLASS

CONDITION

1
NO

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.1	1.3	5.4	17.4	3.9	.3						29.4
NNE		.5	7.9	3.5	.4							12.4
NE		1.7	3.5	1.4								5.1
ENE	.4	.5	4.1	.5								5.1
E	.7	4.4	4.4	.8	.1							4.5
ESE	.5	2.2	4.1	1.7	.3							1.8
SE	.1	.5	2.3	2.4	.1							6.4
SSE		.3	1.2	2.3	.4							4.6
S	.1	.4	.5	.1								1.3
SSW	.1	.1	.3									.5
SW				.3								.5
WSW				.3								.5
W		.3	.4	.1								.5
WNW	.1	.5	.3	.3								1.3
NW	.1	.3	.9	1.2	.1							2.6
NNW		.3	.2	5.4	1.7	.4						6.6
VARBL												
CALM												1.0
	1.9	13.1	37.4	35.4	7.2	.5						100.0

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WI

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

404150 AL JUBAYL/DHARRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.9	7.5	13.5	4.1	1.2							27.
NNE	1.5	5.5	3.7	1.0								11.
NE	.9	3.8	1.5	.3								5.
ENE	.5	2.2	3.2	1.0								6.
E	1.4	5.0	7.7	1.4	.1							15.
ESE	.3	2.5	2.2	1.4	.1							5.
SE	.3	.8	1.2	1.0								3.
SSE	.1	.3	.5	.4								1.
S		.1										.
SSW			.1									.
SW												
WSW												
W	.1	.1										.
WNW	.1	.1	.1									.
NW		.7	.8	1.0								2.
NNW	.7	1.5	5.9	3.8	.5							12.
VARBL												
CALM												3.
	5.7	31.5	40.9	15.2	2.1							100.

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WIND

124150 AL JUBAYL/DHAKHRA SAUDI ARABIA 75-84

STATION

STATION NAME

YEARS

ALL WEATHER

CLASS

CONDITION

NO

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	2.0	7.7	5.4	.8	.1							12.1
NNE	1.2	3.1	1.2									5.1
NE	1.2	1.4	.7									3.3
ENE	.4	.9	.4									2.7
E	.2	5.5	2.2	.5								10.4
ESE	.5	4.1	3.1	2.0								7.6
SE	.1	1.4	1.5	1.0	.1							4.1
SSE		.7	.4	.1								.3
S	.3	.4	.3									.3
SSW		.1										.1
SW	.1	.1										.1
WSW	.3	1.0										1.3
W	2.4	3.0	.7									6.1
WNW	1.0	3.0	1.2									5.2
NW	.9	3.1	4.2	.9	.3							9.4
NNW	.4	5.1	3.7	2.2	.4							11.1
VARBL												
CALM												10.1
	11.2	42.7	25.5	7.6	.9							100.0

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
JDAFETAC
AIR WEATHER SERVICE/MAC

SURFACE W

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

STATION 424150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84 YEARS

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	%
N	.0	3.5	5.3	5.0	1.4	.0						1.8
NNE	.7	2.1	2.4	1.7	.1							1.5
NE	.4	1.7	1.7	.4								.6
ENE	.7	1.7	1.5	.3								.7
E	.5	3.1	2.7	.5	.1							1.2
ESE	.4	2.5	2.2	.9	.1							.6
SE	.4	1.5	2.7	1.4	.1	.0						.6
SSE	.7	1.7	1.4	1.2	.1							.4
S	.4	1.2	.3	.3								.3
SSW	.2	.5	.5	.1	.2							.1
SW	.2	.4	.1	.1								.1
WSW	.4	.7	.1	.2								.1
W	1.3	3.9	1.8	.1								.7
WNW	.3	4.7	3.2	1.0	.2	.0						.6
NW	.5	2.1	3.5	2.1	.7	.1						.6
NNW	.4	1.7	3.2	3.5	.9	.1						.9
VARBL	.5	.1										
CALM												.7
	9.1	50.2	32.7	17.9	3.5	.3						100

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE V

474150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-94
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION

SPEED KNTS/ DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*
N	.1	1.7	5.4	12.5	5.2	2.2	.1					2
NNE	.2	1.7	3.7	2.8	2.4	.5						1
NE	.4	1.5	4.7	1.9	.1							
ENE	.1	1.3	4.7	1.2								
E	.1	3.5	7.5	1.5								1
ESE	.1	2.3	3.7	1.2								
SE	.1	.7	2.1	2.7								
SSE	.1	1.1	1.7	.7								
S	.4	.9	1.1	.7								
SSW	.2	.3	.1	.1								
SW		.4	.4	.1								
WSW	.1	.4										
W	.1	.4	.2									
WNW		.1	.5									
NW		.4	1.4	.5								
NNW		.7	1.7	2.2	1.7	.3						
VARBL	.7	.5	.2									
CALM												
	2.4	13.3	37.3	27.6	9.3	3.3	.1					17

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE V

404150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.4	1.9	4.4	7.8	3.2	1.2					1
NNE	.1	1.4	3.7	2.8	1.4	.5					
NE		1.3	.5	.5	.1	.1					
ENE		.4	.2	.5							
E	.2	2.6	1.3	.4							
ESE	.1	2.6	.5	.7							
SE	.1	.7	.5	.9							
SSE	.2	1.8	1.8	1.2	.2						
S	.3	2.5	2.2	1.2							
SSW	.5	1.4	.5	.1							
SW	.6	1.8	.5	.2							
WSW	.4	2.3	1.7	.1							
W	.4	2.2	1.5	.2							
WNW	.2	2.4	4.7	1.2	.1						
NW	.5	1.9	2.2	1.2	.2						
NNW	.4	1.8	2.4	4.6	1.3	1.3					1
VARBL	.1			.1							
CALM											
	5.7	29.3	25.3	23.0	5.5	3.3					1

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE

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

404150 AL JUBAYL/DHAHRAY SAUDI ARABIA 75-84
STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.5	2.2	3.3	6.2	1.3	1.1					
NNE	.3	2.2	1.3	1.1	.5	.4					
NE	.3	.4	.3	.5							
ENE	.5	.1	.1	.4	.1						
E	.7	.5	.1	.3							
ESE	.4	.3	.5	.1							
SE	.5	1.2	.3	.1							
SSE	.5	.9	.4	.6							
S	1.0	1.5	1.0	.3							
SSW	1.1	1.5	.5								
SW	.3	1.5	.4								
WSW	1.0	2.7	.8	.1							
W	2.2	3.5	4.4	.3							
WNW	.5	4.6	3.4	.9							
NW	.5	2.5	2.5	1.3	.1						
NNW	.6	2.2	2.5	2.0	1.0	.1					
VARBL			.1								
CALM											
	10.9	34.2	22.4	13.9	3.2	1.5					1

TOTAL NUMBER OF OBSERVATIONS



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE

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

404150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	1.5	2.9	4.0	3.9	2.3	.3	.1				
NNE	1.4	2.0	.9	.5	.4						
NE			.3	.1							
ENE		.5	.3								
E	.3	.8	.5	.1							
ESE	.1	1.0	.3								
SE	.8	1.6	.8	.5							
SSE	.8	1.9	.3	.1							
S	1.0	2.3	.4								
SSW	.5	1.8	.1								
SW	.9	1.1									
WSW	1.4	2.0	.4								
W	2.3	9.7	3.3	.4							
WNW	1.0	5.6	3.5	.5	.1	.1					
NW	.6	3.4	2.1	.8	.1						
NNW	.5	1.6	1.9	1.5	.5						
VARBL											
CALM											
	13.4	38.3	19.9	8.5	3.4	.4	.1				

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE 1

404150 STATION AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84 YEARS
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.6	4.0	4.7	3.5	.5						1
NNE	.7	1.7	1.9	.4							
NE	.4	.4	.5								
ENE	1.5	.5	.1								
E	1.3	2.4	.5	.1							
ESE	.6	1.5	.9	.2							
SE	.5	1.9	1.5	.2							
SSE	.6	3.0	1.7	.1							
S	1.7	1.2		.1							
SSW	.4	1.0									
SW	.7	.6		.1							
WSW	1.5	1.6	.4								
W	2.4	9.4	2.7	.1	.2						1
WNW	1.2	5.0	1.5	.2	.1						
NW	1.4	1.6	.9	.4	.1						
NNW	1.2	2.0	2.1	2.2	1.0						
VARBL											
CALM											1
	15.8	37.7	19.1	7.9	2.1						1

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

SURFACE

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

424160 AL JUBAYL/DHAKRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.7	2.2	5.4	8.2	2.3	.3	.1				
NNE	.5	2.1	2.3	1.6	.2	.3					
NE	.7	1.2	1.5	.5	.3	.3					
ENE	.4	1.2	1.5	.5	.3						
E	.4	2.9	3.7	1.3	.1						
ESE	.5	2.2	2.3	1.3	.4	.1					
SE	.3	1.5	2.3	1.3	.1	.3					
SSE	.3	1.1	1.4	1.2	.1	.3					
S	.4	1.4	1.2	.5	.1						
SSW	.4	.5	.4	.3							
SW	.3	.4	.2	.0							
WSW	.4	.3	.2		.3						
W	.9	3.3	1.3	.3	.1						
WNW	.9	2.9	2.5	.6	.1	.3					
NW	.3	1.7	2.4	1.3	.1	.3					
NNW	.4	1.5	2.5	2.7	.6	.1					
VARBL	.1	.1	.1	.0							
CALM											
	7.5	28.3	31.3	22.5	4.3	.5	.1				1

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE

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

404153
 STATION

AL JUBAYL/DHAKRAH SAUDI ARABIA
 STATION NAME

75-54
 YEARS

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	1.4	5.7	5.2	2.7	.2						
NNE	1.2	3.9	1.5		.2						
NE	1.0	2.1	.7	.2							
ENE	.5	1.8	.8	.2							
E	.3	5.0	4.4	1.5	.2						
ESE	1.1	3.6	3.9	1.2	.1						
SE	.4	1.4	1.2	.8							
SSE	.5	.7	1.2	.7	.2						
S	.2	.5	.7	.1	.2						
SSW	.4	.4									
SW	.2	.2	.2								
WSW	.4	.5	.1								
W	1.2	2.4	.5	.2							
WNW	1.4	3.3	.6								
NW	.8	2.4	1.3	.1	.1						
NNW	1.1	3.2	4.2	1.4							
VARBL	.1	.1	.2								
CALM											
	12.8	37.4	27.2	9.4	1.4						1

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
 JSAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE

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

404153
 STATION

AL JUBAYL/DHAMRAN SAUDI ARABIA
 STATION NAME

75-84
 YEARS

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	1.2	5.3	12.8	9.3	.7	.1					
NNE	.5	4.8	4.5	1.3	.1						
NE	.4	2.7	3.3	.4							
ENE	1.7	3.3	3.2	1.5	.1						
E	.5	5.2	7.6	2.7	.4						
ESE	.5	1.2	2.3	1.1	.1	.2					
SE	.2	1.7	1.5	.2	.2						
SSE		.3	.2	1.1							
S		.4	.2	.5							
SSW	.1	.1		.1							
SW											
WSW		.1									
W	.1	.2		.1							
WNW		.2									
NW	.1	1.2	.2	.2							
NNW	.1	1.5	3.5	1.9	.4	.1					
VARBL		.1	.1	.1							
CALM											
	4.7	22.2	32.5	23.6	2.1	.5					

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE

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

104150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.1	.6	4.2	19.9	7.3	.7	.1				
NNE		.7	4.9	5.5	.6						
NE	.1	1.3	3.2	1.4		.1					
ENE	.3	1.1	3.3	1.5	.1						
E	.3	3.4	9.1	2.9	.3						
ESE	.2	2.1	4.2	1.8	.5	.1					
SE	.1	1.5	2.9	2.4	.1						
SSE		.9	1.5	1.9							
S	.1	.7	.5	.3							
SSW			.1								
SW		.1									
WSW	.1	.1			.1						
W			.2	.2							
WNW				.1							
NW		.1	.1	.1	.1						
NNW			.2	3.2	1.1	.1					
VARBL			.1								
CALM											
	1.5	12.2	33.7	40.3	10.3	1.0	.1				

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE

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

404150
 STATION

AL JUBAYL/DHAHRAN SAUDI ARABIA
 STATION NAME

75-84
 YEARS

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.1	1.2	5.4	16.9	5.5	.3	.5				
NNE	.2	.5	1.5	3.1	.3						
NE	.1	.5	2.1	.9	.1	.1					
ENE	.1	1.3	2.3	.1							
E	.1	2.3	3.9	1.2	.2						
ESE	.2	2.3	3.7	1.6	1.3	.2					
SE	.1	1.3	4.7	2.2		.1					
SSE	.1	1.3	2.9	3.1	.3	.1					
S	.1	1.2	1.4	.3	.3						
SSW	.7	.1	.3								
SW		.2	.2								
WSW	.1	.6	.5								
W		.7	.5	.2	.1						
WNW	.1	.2	.9	.9	.3						
NW	.2	.2	.7	1.3	.6						
NNW	.1	.9	1.7	3.9	.7						
VARBL		.2	.2								
CALM											
	2.7	12.5	31.7	36.1	9.7	1.4	.5				

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFAC

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

474150 AL JJ3AYL/DHAKHAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N		1.4	4.5	7.8	3.7	.7	.1				
NNE	.1	1.4	2.1	1.9	.2	.1					
NE	.2	1.3	1.5	.7							
ENE		.2	1.7	.3							
E	.3	2.2	2.2	1.3							
ESE	.3	1.7	1.5	.9	1.3	.1					
SE	.1	1.3	2.3	1.3	.1						
SSE	.2	.7	2.4	1.5		.1					
S	.5	3.1	2.9	1.3	.1						
SSW	.5	1.3	1.7	.1							
SW	.3	.7	.7	.1							
WSW	.6	1.7	.5								
W	.5	2.2	2.2	.7	.2						
WNW	.1	2.1	2.5	1.4	.2						
NW	.2	1.3	3.2	3.3							
NNW	.1	1.5	3.5	5.5	1.5	.2					
VARBL	.1	.1									
CALM											
	4.5	23.3	34.2	27.2	7.2	1.3	.1				

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFAC

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

404150

AL JJBAYL/DHAHRAN SAUDI ARABIA

75-84

STATION

STATION NAME

YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.9	2.9	3.8	2.9	.6	.2					
NNE	.5	2.3	2.1	.1							
NE	.5	1.3	.9	.2							
ENE	.4	.5	.7	.1							
E	.4	1.5	1.5	.5							
ESE	.5	1.5	.5	1.1							
SE	.5	1.2	1.2	.2							
SSE	.9	1.3	1.1	.1	.2						
S	.5	1.8	1.5	.5	.1						
SSW	.6	.5	.9	.1							
SW	.6	.6									
WSW	.7	1.5	.7								
W	1.5	5.2	2.5	.1	.1						
WNW	2.3	5.3	7.3	1.2							
NW	.2	2.9	4.3	2.6	.1						
NNW	.2	1.2	2.5	2.7	.4	.1					
VARBL	.1	.1									
CALM											
	17.9	31.7	31.1	12.6	1.5	.4					

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE

424150 AL JUBAYL/DHAKHAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.7	4.5	4.4	2.9	.1						
NNE	.4	1.8	.9	.7							
NE	.2	.8	.2	.4							
ENE	.2	.1	.5	.1							
E	.2	1.2	.1	.5							
ESE	.6	1.9	1.1	.1							
SE	.4	1.2	1.1	.1		.1					
SSE	.1	1.7	.9	.2							
S	.9	1.8	1.7	.1							
SSW	.4	.6	.4								
SW	.3	.9	.1								
WSW	1.1	.9									
W	2.5	3.4	2.2	.5							
WNW	1.1	5.8	5.7	1.1	.2						
NW	.4	2.1	5.5	.4		.1					
NNW	.8	1.9	2.1	1.7							
VARBL	.1	.4									
CALM											
	10.9	35.0	27.0	9.6	.4	.2					

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFA

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

404150
STATION

AL JUBAYL/DHAFRAN SAUDI ARABIA
STATION NAME

75-84
YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.9	4.9	3.3	2.2							
NNE	1.2	2.1	.5	.1							
NE	.1	.5	.7			.1					
ENE	.6	.7	.1	.4							
E	.5	1.6	1.9	.1							
ESE	.7	2.5	1.2	.4							
SE	.9	2.5	1.8	1.1	.2						
SSE	.9	2.0	1.1	.5							
S	1.1	1.8	.5	.6							
SSW	.7	.3	.2								
SW	.2	.4	.2	.1							
WSW	.5	1.8									
W	1.8	5.7	2.2								
WNW	1.9	5.4	3.4		.1	.2					
NW	.7	3.2	3.3	.6	.2						
NNW	.5	1.5	2.5	1.4	.5						
VARBL	.4										
CALM											
	13.7	39.3	23.1	7.4	1.1	.4					

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURF.

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

404150
STATION

AL JUBAYL/DHAKRAN SAUDI ARABIA
STATION NAME

75-84
YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55
N		.6	4.9	14.2	5.5	2.7	.1			
NNE		1.2	5.3	7.3	.6					
NE		1.9	7.5	2.3	.1					
ENE	.1	1.5	5.7	1.8						
E	.1	2.9	11.5	2.5	.2	.1				
ESE		2.2	2.1	1.9						
SE		.1	1.1	1.1						
SSE	.1		.4	.4						
S	.1		.3	.5						
SSW		.1	.1	.1						
SW		.2				.1				
WSW				.1						
W			.2	.2						
WNW	.1	.2	.1		.1	.1				
NW	.1	.1	.4	.4	.1					
NNW		.2	.7	1.3	1.2	.5				
VARBL		.1								
CALM										
	.7	11.6	42.3	33.6	7.8	3.5	.1			

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFA

404150
STATION

AL JUBAYL/DHAKRAH SAUDI ARABIA
STATION NAME

75-84
YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	1.2	4.7	3.9	9.4	2.0	.2					
NNE	.5	5.5	9.1	1.9	.1						
NE	.5	4.7	4.0	.4							
ENE	.5	3.8	4.9	1.1							
E	.5	5.7	7.7	2.3	.1						
ESE	.2	1.2	2.5	.5							
SE	.4	.4	.5	.2							
SSE		.5	.2								
S		.4	.2								
SSW		.2	.1	.1							
SW											
WSW											
W		.1	.2	.1							
WNW		.1	.2	.2							
NW		.4	.4	.2							
NNW	.5	1.1	1.5	2.5	.5	.2					
VARBL	.1										
CALM											
	4.8	29.9	40.7	18.0	2.8	.5					

TOTAL NUMBER OF OBSERVATIONS



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFA

404150
STATION

AL JUBAYL/DHAKRAN SAUDI ARABIA
STATION NAME

75-84
YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	1.4	5.3	5.5	2.9	.5						
NNE	1.5	5.2	2.4	1.3	.1						
NE	.5	2.3	.5	.3							
ENE	.5	1.8	1.2	.5							
E	1.2	5.1	3.4	.6							
ESE	.9	3.8	3.1	1.5							
SE	.5	.9	.5	.3							
SSE	.8	1.4	.9								
S	.4	.4	.3		.1						
SSW	.4	.1	.3	.1							
SW	.5	.6									
WSW	.5	.5	.4								
W	1.9	2.9	.1	.1	.1						
WNW	1.2	2.1	.5	.1	.1						
NW	.3	1.8	.5	.4		.1	.1				
NNW	.9	2.5	3.3	2.5							
VARBL											
CALM											
	13.5	33.4	23.3	10.5	1.2	.1	.1				

TOTAL NUMBER OF OBSERVATIONS

2
1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFA

404150 STATION AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84 YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.7	3.0	5.3	7.5	2.5	1.1	.0				
NNE	.5	2.8	3.5	2.3	.7	.2					
NE	.3	1.5	2.3	.9	.0	.0					
ENE	.4	1.3	2.2	.7	.0	.0					
E	.4	3.1	4.2	1.0	.0	.0					
ESE	.3	1.9	1.5	.8							
SE	.4	.9	.9	.7							
SSE	.5	1.3	.9	.4	.0						
S	.5	1.2	.7	.3	.0						
SSW	.4	.9	.2	.1							
SW	.4	.8	.2	.1		.0					
WSW	.5	1.2	.4	.0							
W	1.1	3.9	1.5	.2	.0						
WNW	.5	2.5	1.7	.4	.1	.0					
NW	.5	1.5	1.3	.6	.1	.0	.0				
NNW	.6	1.5	2.0	2.4	.9	.4					
VARBL	.1	.1	.0	.0							
CALM											
	9.3	29.5	29.1	18.1	4.6	1.7	.1				

TOTAL NUMBER OF OBSERVATIONS



2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE

424130
STATIONAL JUBAYL/DHAMRAV SAUDI ARABIA
STATION NAME75-84
YEARSALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	1.3	4.5	5.5	2.7	.7	.1					
NNE	.9	2.7	3.4	1.1							
NE	.2	.9	.5								
ENE	.4	.7	.4								
E	.5	1.3	.4	.6	.1						
ESE	.4	1.1	.5	.1							
SE	.2	.7	.2								
SSE	.4	1.3	.5	.1							
S	.5	.5	.5								
SSW	.2	.5	.2								
SW	.5	.7									
WSW	1.5	3.1	.1								
W	2.9	13.5	2.3								
WNW	1.1	6.5	2.2	.2							
NW	.7	2.5	1.2	.9	.4						
NNW	.9	1.3	2.7	2.6	.1						
VARBL	.1	.2									
CALM											
	13.1	41.5	22.1	8.3	1.3	.1					

TOTAL NUMBER OF OBSERVATION

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFA

174150 AL JJBAYL/DHAKRAH SAUDI ARABIA 75-84
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 5
N	.6	3.2	5.7	4.9	.7	.1					
NNE	.5	2.1	1.7	.9							
NE	.1	.5	.5								
ENE		.1	.4	.2							
E	.1	.5	.1	.4							
ESE	.1	.5	.5								
SE		.1	.2								
SSE	.2	.4	.4								
S	.1	1.1	.5								
SSW	.5	.5	.5								
SW	.5	.5	.1								
WSW	1.1	1.9	.5								
W	2.4	12.7	3.8								
WNW	1.5	7.5	5.5	.1							
NW	.5	3.7	2.4	1.3	.1						
NNW	.5	2.1	4.3	2.9	.2						
VARBL		.2	.2								
CALM											
	9.3	37.5	29.5	12.6	1.1	.1					

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE

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

124150 AL JIBAYL/DHAKRAH SAUDI ARABIA 75-84
STATION STATION NAME YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	1.0	3.2	7.5	9.1	1.4	.4					
NNE	.7	1.4	2.3	1.5	.5						
NE	.2	.2	1.0	.1							
ENE	.2	.4	.2								
E		.7	.4	.1							
ESE	.5	.5	.2								
SE	.1	.5	.2	.1							
SSE	.2	.2	.2	.4							
S	.5	.7	.2	.1							
SSW	.5	.5	.4	.2							
SW	.2	1.2	.2								
WSW	.7	2.4	.4	.1							
W	2.1	10.7	3.9	.2							
WNW	.8	5.2	5.3	.8							
NW	.2	3.3	3.0	1.9	.1						
NNW	.4	1.5	3.5	3.8	.8	.2					
VARBL											
CALM											
	8.4	32.9	29.0	18.6	2.9	.5					

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE

STATION 404150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-34 YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.5	2.7	3.4	16.1	5.5	1.3					
NNE	.2	1.7	3.9	2.3	.5	.5					
NE	.2	1.3	1.4	.3							
ENE		.3	1.7	.6							
E	.2	1.5	1.5	.5	.2						
ESE	.1	.7	.9	.2							
SE	.1	.5	.1	.2							
SSE	.7	1.1	.7	.5							
S	.5	1.4	1.1	.2	.1						
SSW	.2	.9	.5	.2	.1						
SW	.5	1.3	.5	.5							
WSW	.5	1.3	.5								
W	.5	3.1	1.9	.3							
WNW	.5	1.5	1.5	.3							
NW	.2	1.5	2.4	1.3	.2						
NNW		.7	3.2	4.2	1.5	.6					
VARBL		.1									
CALM											
	4.5	22.7	33.2	29.7	9.3	2.9					

TOTAL NUMBER OF OBSERVATION

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE

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

404150
STATION

AL JJBAYL/DHARAN SAUDI ARABIA
STATION NAME

75-84
YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.1	1.4	4.3	18.7	9.3	2.3					
NNE		.7	5.5	9.4	1.8	.3					
NE		.5	4.3	2.6							
ENE	.1	1.3	4.4	1.2	.1						
E	.1	3.1	7.7	1.7		.1					
ESE		1.7	1.5	1.3							
SE	.1	.7	.9	.9							
SSE	.1	.5	.5	.3		.2					
S	.1	.2	.5	.5	.1						
SSW	.1	.1	.2								
SW				.1							
WSW		.1	.5	.2							
W	.3	.1		.2							
WNW		.5	.5								
NW		.2	.2	.7	.2						
NNW		.1	1.3	1.1	1.1	.1					
VARBL		.2									
CALM											
	1.1	11.2	31.5	38.9	12.7	3.5					

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE

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

474150 STATION AL JUBAYL/D-44-4RAN SAJDI ARABIA 75-84 YEARS

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N		.2	5.9	20.1	9.9	1.5					
NNE		.5	7.3	10.6	1.2	.1					
NE	.1	1.3	5.2	1.6	.2						
ENE		1.5	5.9	2.3		.1					
E	.1	2.8	5.9	2.7		.2					
ESE		1.2	1.7	.3	.1						
SE		.3	.2	.3	.2						
SSE	.1		.1	.2							
S				.1	.1	.1					
SSW	.1		.1								
SW				.1							
WSW			.1								
W		.1		.1							
WNW			.7								
NW			.1	.1	.2						
NNW		.1	.1	1.0	1.7	.2					
VARBL											
CALM											
	.5	3.1	35.7	39.8	13.0	2.4					

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE

474150
STATION

AL JUBAYL/DHAKRAN SAUDI ARABIA
STATION NAME

75-84
YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.7	5.6	13.7	11.4	1.7	.1					
NNE	.5	7.3	13.7	4.7	.1						
NE	.4	3.2	3.6	.9	.2						
ENE	.5	3.3	3.3	.5	.1						
E	.9	4.1	4.4	1.7							
ESE	.4	.9	1.1	.2							
SE	.2	.5	.6	.6							
SSE	.2	.5		.1							
S				.1							
SSW	.1	.2	.1								
SW			.1								
WSW		.1									
W	.1			.1		.1					
WNW		.1	.1								
NW		.4	.2								
NNW	.4	.7	2.7	2.2	.4	.1					
VARBL		.1									
CALM											
	4.5	25.7	43.2	22.6	2.5	.4					

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC WEATHER SERVICE/MAC

SURFACE

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

STATION 104150 AL JUBAYL/DHARAN SAUDI ARABIA 75-84 YEARS
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
N	2.0	8.0	10.7	3.6	.5						
NNE	1.3	5.0	4.0	1.5	.1						
NE	.9	.5	.5	.1	.1						
ENE	1.2	2.3	.4	.4							
E	1.2	3.9	1.5	.1		.2					
ESE	1.0	2.8	.0								
SE	.4	1.1	.5	.4							
SSE	.2	.0	.2	.4							
S	.5	.1									
SSW	.1	.5	.1								
SW	.2	.7									
WSW	.7	1.5	.5		.1						
W	1.7	3.8	.5	.1	.1	.1					
WNW	.5	2.1	.1	.1							
NW	.0	1.2	.7	.2		.1					
NNW	.5	3.3	3.7	1.8							
VARBL		.1									
CALM											
	12.9	39.8	25.2	8.8	1.1	.5					

TOTAL NUMBER OF OBSERVATIONS



USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 84

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE

STATION 434150 AL JUBAYL/DHAKIRAN SAUDI ARABIA 75-84 YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.0	3.5	3.1	11.0	3.2	.9					
NNE	.5	2.8	5.7	4.2	.5	.1					
NE	.7	1.1	2.2	.7	.1						
ENE	.3	1.2	2.2	.7	.0	.0					
E	.4	2.2	2.8	1.0	.0	.1					
ESE	.2	1.2	.9	.3	.0						
SE	.1	.5	.4	.3	.0						
SSE	.2	.6	.3	.3		.0					
S	.7	.5	.4	.1	.0	.0					
SSW	.2	.4	.2	.1	.0						
SW	.3	.5	.1	.1							
WSW	.5	1.2	.7	.0	.0						
W	1.2	5.4	1.5	.1	.0	.0					
WNW	.5	2.9	2.0	.2							
NW	.3	1.6	1.3	.8	.2	.0					
NNW	.3	1.2	2.5	2.5	.7	.2					
VARBL	.0	.1	.0								
CALM											
	5.7	27.1	32.5	22.3	5.6	1.4					

TOTAL NUMBER OF OBSERVATIONS

2
4

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE

124150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.5	1.3	3.2	5.7	1.7	.1					
NNE		.3	.1	.1							
NE	.1	.5									
ENE	.1										
E	.1	.1	.3	.4							
ESE	.1	.3									
SE		.3									
SSE	.1	.3									
S	.1	.4									
SSW	.3	.1	.1	.1							
SW	.1	.3									
WSW	1.5	2.8	.6								
W	4.5	15.1	5.7	.1							
WNW	.5	5.1	5.2								
NW	.4	1.3	4.3	2.2	.5						
NNW	.4	1.7	5.2	7.2	4.3	.1					
VARBL											
CALM											
	9.4	32.5	25.5	15.9	5.2	.3					1

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE

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

404100 AL JUBAYL/DHAKRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N		.2	5.5	24.6	15.2	2.4	.3				
NNE		.5	4.2	12.7	.9						
NE	.1	.9	4.7	2.0	.1						
ENE		1.0	5.9	2.5							
E		1.5	5.2	2.3							
ESE		.1	.7								
SE											
SSE			.1								
S											
SSW				.2							
SW											
WSW											
W											
WNW			.2	.1							
NW											
NNW			.1	.9	1.0	.1					
VARBL			.1								
CALM											
	.1	4.5	27.6	45.4	19.0	2.5	.3				

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE

474160
STATION

AL JUBAYL/DHAHRAN SAUDI ARABIA
STATION NAME

75-84
YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.1	.3	5.5	18.5	17.7	5.3					
NNE		.5	2.3	6.5	.6						
NE		.5	1.3	1.9							
ENE		1.1	2.9	1.2							
E	.5	2.4	7.5	1.5	.1						
ESE		1.2	1.3	.4							
SE	.1	.1	.2	.2							
SSE	.1	.2									
S	.1	.1	.1								
SSW		.2									
SW		.2	.1								
WSW		.1	.1	.1	.1	.1					
W		.5	.4	.2							
WNW	.5	.1	.5	.7							
NW		.1	.7	.1	.1						
NNW	.1	.7	1.7	3.4	1.5	.9	.5	.1			
VARBL	.1	.1	.1								
CALM											
	1.2	9.4	25.5	34.7	23.3	5.2	.5	.1			

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/44C

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

SURFACE

124150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84

STATION

STATION NAME

YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.1	1.5	3.9	13.1	8.7	3.1					
NNE	.1	1.2	1.2	1.1	.1						
NE		.2	.5	.1							
ENE		.5	.5								
E	.2	1.5	1.1	.2							
ESE	.2	1.2	1.1								
SE	.1	.5	.2	.2							
SSE			.1								
S	.5	.8	.2								
SSW	.4	.4									
SW	.5	.9		.2							
WSW	.4	.9	.3	.1							
W	.7	2.5	2.1	.4							
WNW	.7	2.1	4.7	1.5							
NW	.2	1.2	5.5	3.8	.8						
NNW	.1	1.3	5.2	9.2	3.9	1.3	.6	.1			
VARBL											
CALM											
	4.3	17.0	28.2	22.9	12.8	4.3	.6	.1			

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE

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

404153 AL JUBAYL/DHAKHAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.1	.5	2.5	2.8	1.2						
NNE	.7	1.0	.1								
NE	.1	.1									
ENE	.1	.1									
E	.2	.7	.2								
ESE	.1	.5	.1	.1							
SE		.5	.2								
SSE	.5	.4	.1								
S	.2	.4	.1								
SSW	.1	.2	.1								
SW	.4	.5	.2								
WSW	.7	1.4	.4								
W	2.2	9.9	7.7	.7							
WNW	1.4	8.0	15.5	2.6							
NW	.2	2.2	7.3	4.7	.9	.2					
NNW	.5	.5	2.5	4.2	1.1						
VARBL											
CALM											
	7.8	27.0	37.2	15.2	3.2	.2					

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACI

404150
STATION

AL JUBAYL/DHAKRAN SAUDI ARABIA
STATION NAME

75-84
YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.5	.5	1.0	1.9	.2	.1					
NNE	.8	.7	.1								
NE											
ENE		.1									
E	.7	.3	.2								
ESE		1.0	.4								
SE											
SSE											
S		.1									
SSW	.4	.5									
SW	.7	.2									
WSW	1.0	1.3	.5								
W	2.5	15.7	5.9	.1							
WNW	.7	10.0	15.6	.6							
NW	1.5	2.8	3.8	2.4	.6	.1					
NNW		.9	2.3	4.6	1.0						
VARBL											
CALM											
	9.0	35.7	29.8	9.7	1.8	.2					

TOTAL NUMBER OF OBSERVATIONS



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

GLOBAL CLIMATOLOGY BRANCH
 JSAFETAC
 AIR WEATHER SERVICE/MAC

SURFAC

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

404150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
 STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.0	2.1	1.5	1.7	.2						
NNE	1.3	1.3	.1								
NE	.4	.5									
ENE	.5	.1									
E	1.1	1.3	.7								
ESE	.5	.7	.4	.1							
SE	.4	.1									
SSE	.5		.1								
S	.4	.2									
SSW		.4									
SW	.0	.4	.1								
WSW	1.5	2.8	.4			.1					
W	4.2	19.8	5.2	.1							
WNW	1.9	7.6	5.7								
NW	.6	1.9	2.4	.6		.2					
NNW	.4	1.0	2.9	3.9	.5	.1					
VARBL	.1										
CALM											
	15.5	39.6	23.5	6.4	.7	.5					

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE

404150 AL JIBAYL/DHAKRAN SAUDI ARABIA 75-34
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.5	2.2	5.5	12.1	9.1	3.4	.4	.0			
NNE	.2	1.7	2.5	2.3	.3	.0					
NE	.2	.9	1.2	.5	.0						
ENE	.1	.3	.9	.2	.0						
E	.3	.9	1.4	.5	.0						
ESE	.2	.3	.2	.0							
SE	.1	.1	.0	.0	.0						
SSE	.0	.1	.0	.0							
S	.1	.2	.1	.1							
SSW	.1	.1	.0	.0	.0						
SW	.1	.3	.1								
WSW	.5	1.1	.3	.0							
W	1.2	5.5	2.8	.2	.0						
WNW	.4	3.1	4.5	.7	.0						
NW	.2	1.1	3.4	2.9	.4	.0					
NNW	.3	1.1	3.9	5.7	3.6	1.0	.1				
VARBL	.1	.0	.0								
CALM											
	4.5	13.7	23.1	25.6	13.5	4.4	.5	.0			

TOTAL NUMBER OF OBSERVATION



2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFA

424150

AL JUBAYL/DHAHRAN SAUDI ARABIA

75-84

STATION

STATION NAME

YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	1.5	5.5	7.7	8.9	1.5						
NNE	.5	3.8	1.1								
NE	.4	.9	.5								
ENE	.3	.9	.5								
E	1.3	1.5	.3	.1							
ESE	.9	.5	.1								
SE	.4	.3									
SSE	.1										
S	.3										
SSW	.4	.1									
SW	.5	.9									
WSW	1.0	2.0									
W	2.2	5.9	.9								
WNW		3.9	.9								
NW	.4	1.9	1.3	.8							
NNW	.4	2.0	7.4	7.6	2.3	.3					
VARBL	.1										
CALM											
	10.7	31.2	20.6	17.4	3.8	.3					

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFA

404150 AL JUBAYL/DHAKRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.7	5.7	17.3	20.9	5.9	.5					
NNE	.2	5.6	8.1	2.2							
NE	.5	2.7	2.5	.1							
ENE	.2	.7	1.6	.1	.1						
E	.4	2.6	2.5	1.3							
ESE		.7	.1								
SE	.7										
SSE											
S	.1	.1									
SSW											
SW											
WSW	.1										
W											
WNW		.2									
NW	.1	.2	.2		.2						
NNW	.5	1.3	2.7	4.7	2.3	.1					
VARBL											
CALM											
	3.2	22.6	35.1	29.3	9.2	.5					

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/44C

SURFA

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

404150
STATION

AL JJ3AYL/DH44HRAN SAUDI ARABIA
STATION NAME

75-84
YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥
N		.4	4.4	21.1	23.5	10.0	.2				
NNE		.5	5.5	8.4	1.1	.1					
NE	.1	1.0	3.5	2.5							
ENE		.4	3.0	1.1							
E	.1	.4	3.4	1.4	.1						
ESE		.1	.5	.2							
SE				.1	.1						
SSE											
S			.1								
SSW											
SW											
WSW			.1								
W				.1							
WNW			.1	.2							
NW				.1							
NNW		.1	.2	.7	2.8	1.7	.4				
VARBL											
CALM											
	.2	2.8	20.9	36.1	27.6	11.8	.5				

TOTAL NUMBER OF OBSERVAT

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURF.

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

134150
STATION

AL JUBAYL/DHAKRAN SAJDI ARABIA
STATION NAME

75-84
YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55
N	.5	.6	5.7	13.0	22.5	10.2	1.7	.1		
NNE	.1	.4	2.9	5.5	.5	.2				
NE	.1	.5	3.3	1.8	.1					
ENE			1.9	.5	.1					
E	.1	.7	4.7	.7	.1					
ESE	.1	.4	.5	.1						
SE				.1	.1					
SSE				.1						
S		.1	.1							
SSW		.1			.1					
SW		.2	.1							
WSW	.1	.2		.1						
W	.1	.1		.1	.1					
WNW	.1	.5	.1	.4						
NW			.5	.7	.1	.1				
NNW		.2	1.5	2.9	4.5	2.9	.5			
VARBL			.1							
CALM										
	1.3	4.1	23.8	31.2	26.5	13.5	2.2	.1		

TOTAL NUMBER OF OBSERVA

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
NAV WEATHER SERVICE/MAC

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

SURF

124150
STATION

AL JJBAYL/DHAHRAN SAUDI ARABIA
STATION NAME

75-84
YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55
N		1.2	5.2	10.7	14.1	4.5	1.1			
NNE	.2	.3	1.4	1.3	.4					
NE		.4	.2	.1						
ENE	.2	.5	.1							
E	.1	.5	.5	.2	.1					
ESE	.1	.2								
SE	.1	.1								
SSE										
S		.2	.4	.1						
SSW			.1	.1						
SW		.2	.4							
WSW	.2	1.3	.7							
W	.5	2.5	1.3	.2						
WNW	.4	1.6	3.9	1.3						
NW	.2	1.9	4.7	5.5	.6	.1				
NNW	.1	1.2	5.4	8.7	7.8	2.1				
VARBL	.2	.2	.1							
CALM										
	2.5	12.7	24.9	25.1	23.3	6.5	1.1			

TOTAL NUMBER OF OBSERV

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SUR

404160 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55
N	.5	.6	3.5	5.7	2.4	.9	.1			
NNE	.1	.3	.5	.3						
NE	.1			.1						
ENE		.1	.1							
E		.1	.1	.1						
ESE	.1	.3								
SE	.1									
SSE		.1	.1							
S		.1		.3						
SSW		.1	.1	.1						
SW	.1	.1	.3							
WSW		1.5	.1	.1						
W	1.3	5.9	7.2	.9						
WNW	.5	5.2	14.0	3.2	.3					
NW	.1	1.9	10.0	7.9	1.0	.1				
NNW	.5	1.3	4.7	6.6	3.2	.4				
VARBL										
CALM										
	3.6	19.2	40.9	25.3	6.9	1.4	.1			

TOTAL NUMBER OF OBS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SUR

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

474153

AL JUBAYL/DHAKRAH SAUDI ARABIA

75-84

STATION

STATION NAME

YEARS

ALL WEATHER

CLASS

CONDITION

SPEED KNTS/ DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55
N	.7	1.1	3.1	4.5	1.5	.2				
NNE	.1	.5	.5	.3						
NE		.1								
ENE		.1								
E		.4	.7	.1						
ESE	.1		.7							
SE	.1	.1								
SSE	.1	.3								
S		.7		.1						
SSW		.3								
SW	.1									
WSW	1.7	1.3	.5							
W	1.5	13.3	7.1	.1						
WNW	1.3	7.9	12.5	1.7						
NW	.6	1.6	7.7	5.5	1.7					
NNW	.7	1.7	4.5	7.3	2.1					
VARBL	.1	.1								
CALM										
	5.2	28.4	35.9	27.4	4.5	.3				

TOTAL NUMBER OF OBS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

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

SUR

474153
STATIONAL JIBAYL/DHAHRAN SAUDI ARABIA
STATION NAME75-84
YEARSALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55
N	1.3	7.0	17.7	13.9	1.8					
NNE	.7	3.5	10.5	3.2						
NE	.5	3.0	4.2	.3						
ENE	.2	2.0	4.3	.4						
E	.9	3.5	4.4	1.2						
ESE		.5	.2							
SE		.1								
SSE	.1	.1	.1							
S	.1									
SSW		.1								
SW										
WSW	.1									
W		.1	.1							
WNW	.1	.1	.2							
NW		.4	.2							
NNW		.7	1.4	1.3	.5					
VARBL										
CALM										
	4.2	25.1	43.6	21.1	2.2					

TOTAL NUMBER OF OBSER

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SUR

404150

AL JUBAYL/DHARAN SAUDI ARABIA

75-84

STATION

STATION NAME

YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55
N	2.2	5.7	3.4	2.4	.5					
NNE	1.2	4.9	1.2	.1						
NE	.1	2.3	.1	.1						
ENE	1.2	2.3	.2	.2						
E	2.0	3.3	1.4							
ESE	.7	1.5	.4							
SE										
SSE	.2	.1								
S	.2	.2								
SSW	.5	.1								
SW	1.1	1.1	.1							
WSW	2.3	2.5								
W	3.5	7.4	.5	.1						
WNW	.4	4.5	.7							
NW	.3	2.2	1.0	.1						
NNW	.5	1.5	2.9	2.9	.4	.2				
VARBL										
CALM										
	17.2	41.5	12.0	6.0	.9	.2				

TOTAL NUMBER OF OBSE



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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SUR

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

404150

AL JUBAYL/DHAHRAN SAUDI ARABIA

75-84

STATION

STATION NAME

YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55
N	.7	2.4	5.3	10.0	5.9	1.4	.0			
NNE	.6	2.4	2.5	3.0	.2					
NE	.2	1.7	1.4	.6	.0					
ENE	.3	.9	1.9	.6						
E	.7	2.0	2.7	.7	.0					
ESE	.2	.8	.5	.1						
SE	.1	.2	.1	.1						
SSE	.2	.1	.1							
S	.2	.2	.1							
SSW	.2	.2	.0	.0						
SW	.4	.4	.1	.0						
WSW	.7	1.1	.3	.0	.0	.0				
W	1.5	5.9	2.7	.2						
WNW	.7	4.0	5.2	.7						
NW	.4	1.3	2.5	1.4	.3	.1				
NNW	.2	.9	2.5	3.8	1.2	.3	.1	.0		
VARBL	.0	.0	.0							
CALM										
	7.4	25.0	29.2	21.2	7.7	1.3	.2	.0		

TOTAL NUMBER OF OBS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/140

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

SUR

14133
STATION

AL JUBAYL/DHAKRAN SAUDI ARABIA
STATION NAME

75-84
YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55
N	.4	1.2	1.5	1.1	.5					
NNE	.1	.2								
NE	.1	.1	.1							
ENE	.1	.2	.5							
E	.2	1.9	.5							
ESE	.5	.9	.2							
SE	.1		.4							
SSE	.5		.1							
S	.2		.4							
SSW	.1	.2	.1							
SW	.4	.5								
WSW	1.1	2.5	.2							
W	3.7	21.4	9.0							
WNW	1.7	10.9	7.8	.4						
NW		2.2	2.5	.2						
NNW	.1	.5	2.7	2.0	.4					
VARBL										
CALM										
	10.3	43.1	25.1	3.7	.9					

TOTAL NUMBER OF OBSI



2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURF

404160
STATION

AL JUBAYL/DHAKIRAN SAUDI ARABIA
STATION NAME

75-84
YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55
N		1.1	1.2	1.0	.2					
NNE	.5	.2								
NE	.2									
ENE		.5								
E	.2	.5	.2							
ESE		.4	.1							
SE		.2	.2							
SSE	.1	.5								
S	.2	.4								
SSW	.1	.2	.1							
SW	.2		.1							
WSW	.1	1.3								
W	2.5	14.3	7.9	.2						
WNW	.9	12.5	14.2	1.3						
NW	.6	4.4	7.5	1.6	.1					
NNW	.2	1.0	3.2	3.4	.2					
VARBL										
CALM										
	5.1	37.7	34.8	7.6	.6					

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/440

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

SURF

124150 AL JUBAYL/DHAKRAN SAUDI ARABIA 75-84
 STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55
N	.4	1.3	1.3	2.2	.2	.2				
NNE	.1	.5		.1						
NE										
ENE		.1								
E	.1	.7	.2							
ESE	.2	.5	.2							
SE	.1	.5								
SSE	.1	.5								
S	.7	.5	.1							
SSW	.2	.4								
SW	.4	.5								
WSW	.7	1.5	.2							
W	1.3	13.3	9.3	1.3						
WNW	1.3	3.5	15.7	3.1						
NW	.2	3.5	9.1	3.3						
NNW	.5	1.1	4.1	3.6	.5					
VARBL										
CALM										
	5.2	33.1	43.9	13.3	.7	.2				

TOTAL NUMBER OF OBSERV.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFA

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

404153
STATION

AL JUBAYL/DHAHRAN SAUDI ARABIA
STATION NAME

75-84
YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥
N		2.0	4.4	12.4	5.4	2.0	.1				
NNE	.5	.5	.7	.3							
NE	.1	.2	.2	.1							
ENE	.2	.5	.3								
E	.3	1.4	1.4	.1							
ESE	.1	.6	.8	.1							
SE		.3	.2								
SSE	.1	.5	.2								
S	.3	.5	.7	.1							
SSW	.2	.5	.1	.1							
SW	.2	.6	.2								
WSW	.2	1.7	.3								
W	.5	1.5	3.0	.7							
WNW	.4	1.5	5.0	1.6							
NW	.3	2.4	4.9	4.1	.3						
NNW		1.6	5.8	12.6	4.2	.7					
VARBL		.2									
CALM											
	4.1	15.5	29.9	32.4	10.9	2.7	.1				

TOTAL NUMBER OF OBSERVAT

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFA

424153 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 5
N	.1	.9	5.5	22.2	13.1	5.2	.4				
NNE	.1	.4	2.2	5.7	.5						
NE		.5	2.3	1.6	.1						
ENE		1.1	4.3	.6							
E	.1	2.0	5.0	.9							
ESE		.8	2.2	.5	.1						
SE	.1										
SSE		.1	.1								
S		.2	.1								
SSW	.1	.4									
SW											
WSW			.1								
W	.1	.1	.4	.1							
WNW		.1	.4	.7	.2						
NW			.5	.8	.4						
NNW		.5	1.1	3.7	3.4	1.2					
VARBL		.2	.1								
CALM											
	.7	7.1	25.2	37.0	22.8	6.2	.4				

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFAC

124150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.1		3.0	24.4	18.0	4.3					
NNE		.3	5.5	10.3	.3	.2					
NE		.7	3.9	2.7							
ENE			5.5	2.5							
E		1.4	5.2	2.9	.3						
ESE		.2	.5	.1							
SE		.1	.1								
SSE											
S											
SSW											
SW											
WSW											
W											
WNW				.1							
NW					.1						
NNW			.1	1.0	2.5	1.3					
VARBL					.1						
CALM											
	.1	2.7	25.9	44.0	21.4	5.3					

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFAC

STATION AL JUBAYL/DHARAN SAUDI ARABIA YEARS 75-84

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.3	5.4	18.9	15.3	2.0	.1					
NNE	.4	9.4	10.8	1.4	.1						
NE	.5	2.7	3.9								
ENE	.4	2.0	3.0	.5							
E	.5	4.9	4.4	2.3							
ESE		.4	.4								
SE											
SSE	.2	.1	.1								
S	.1										
SSW											
SW				.1							
WSW		.1		.1							
W			.1								
WNW											
NW		.1									
NNW	.1	.6	2.1	1.4	.7						
VARBL											
CALM											
	3.2	25.8	43.3	21.2	2.9	.1					

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFAC

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

404150

AL JUBAYL/DHAKRAH SAUDI ARABIA

75-84

STATION

STATION NAME

YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	1.4	7.5	4.5	1.4	.1						
NNE	.7	5.4	1.1								
NE	.4	.5	.2								
ENE	.1	.3	.2								
E	1.5	3.7	3.1	.2							
ESE	.4	.5	.4	.4							
SE	.2	.1	.4								
SSE	.5	.2		.1							
S		.2									
SSW	.2	.1									
SW	.6	.1									
WSW	2.4	2.5									
W	3.9	9.1	1.1								
WNW	1.3	5.2	1.1								
NW	1.3	1.3	.4	.1							
NNW	.5	3.1	3.8	1.5	.1						
VARBL											
CALM											
	15.1	41.4	15.3	3.9	.2						

TOTAL NUMBER OF OBSERVATION

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFAC

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

474150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.4	2.5	3.2	10.2	5.9	1.5	.1				
NNE	.3	2.3	2.9	2.3	.1	.3					
NE	.2	.6	1.4	.6	.3						
ENE	.1	.7	1.3	.5							
E	.5	2.1	2.7	.3	.3						
ESE	.2	.6	.5	.1	.3						
SE	.1	.2	.2								
SSE	.2	.2	.1	.3							
S	.2	.2	.2	.3							
SSW	.1	.2	.3	.3							
SW	.2	.2	.3	.3							
WSW	.5	1.2	.1	.3							
W	1.5	5.8	3.5	.3							
WNW	.7	4.7	3.4	.9	.3						
NW	.3	1.9	3.1	1.3	.1						
NNW	.2	1.1	3.7	3.7	1.5	.4					
VARBL		.1	.3		.3						
CALM											
	5.6	25.3	30.2	20.7	7.7	1.3	.1				

TOTAL NUMBER OF OBSERVATION



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFAC

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

124150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	1.4	1.5	1.7	.4							
NNE	.6	.9	.4	.1							
NE	.6	.5	.3								
ENE	.9	1.4	.5								
E	1.1	2.7	.3								
ESE	.5	.9	.3	.1							
SE	.5	.5	.3								
SSE	.7	1.3	.5								
S	.4	.5									
SSW	.1	.1	.1								
SW	.5	.9	.1	.1							
WSW	2.2	3.5	.4								
W	5.2	15.8	5.7								
WNW	1.5	8.0	3.0								
NW	.5	1.3	.4	.8							
NNW	.4	2.1	1.5	1.4							
VARBL											
CALM											
	13.1	42.1	15.4	2.9							

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE

STATION 14150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84 YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) Dir	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56
N	.4	1.3	1.1	.9	.1						
NNE	.5	.2	1.0								
NE	.4	.4									
ENE	.1	.4	.7								
E	.7	1.0	.1								
ESE	.2	1.3	.7								
SE	.1	.5									
SSE		.1									
S	.4	.5									
SSW	.1	.5									
SW	.7	.4	.5								
WSW	1.5	3.2	.3								
W	4.1	15.4	8.3	.1							
WNW	1.0	7.9	9.5	.5							
NW	.3	1.2	1.2	.9							
NNW	.7	.9	1.4	1.5	.1						
VARBL											
CALM											
	17.3	37.8	25.1	4.0	.3						

TOTAL NUMBER OF OBSERVATION

AL JUBAYL/DHAHRAN SAUDI ARABIA LIMITED SURFACE
OBSERVATIONS CLIMATIC SUMM..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 85
USAFETAC/DS-85/013 F/Q 4/2

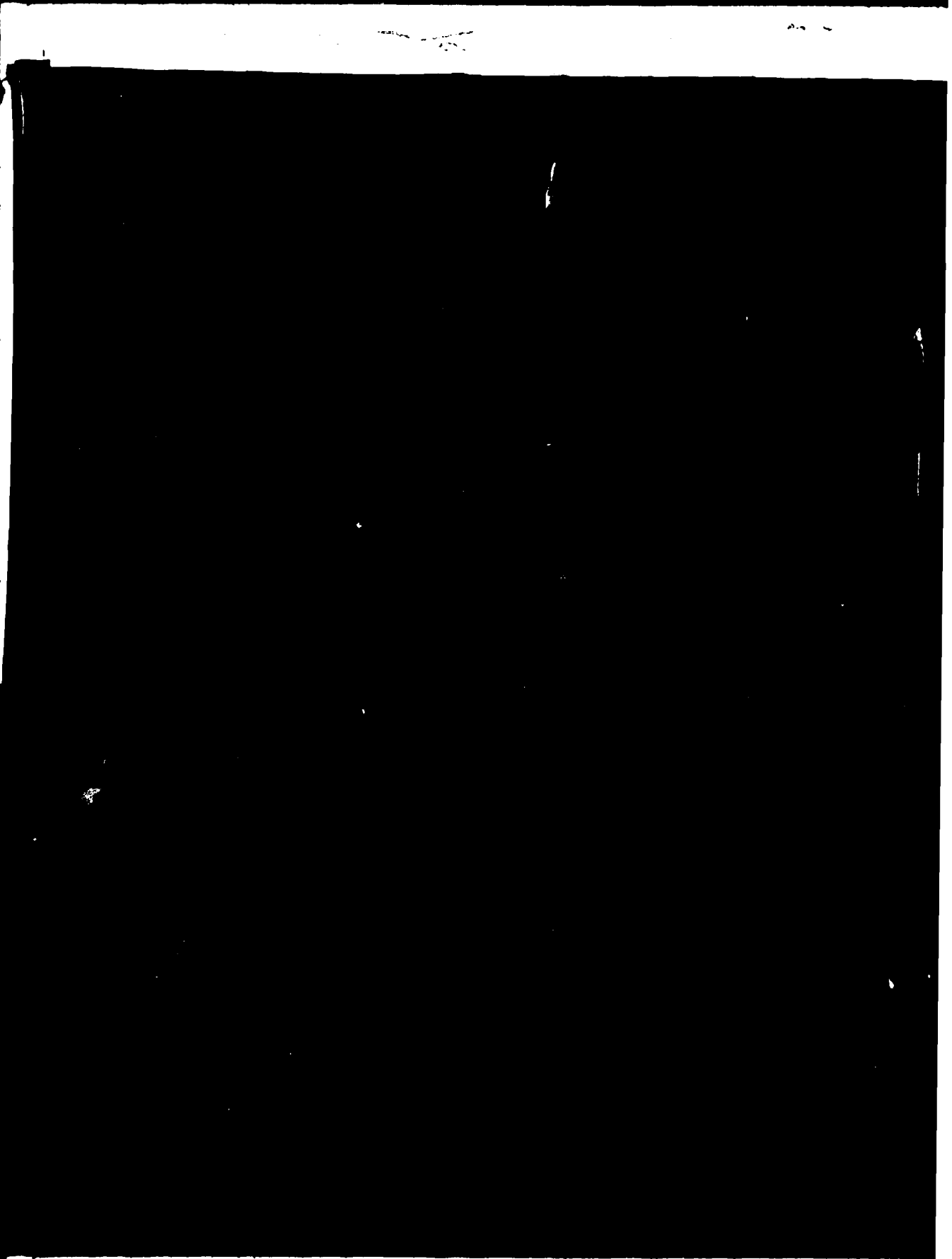
25

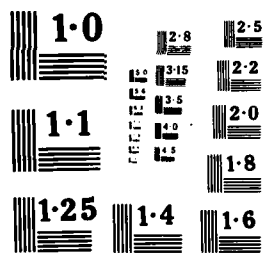
UNCLASSIFIED

F/G 4/2

NL

11.11.11





GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

474150
STATION

AL JUBAYL/DHAHRAN SAUDI ARABIA
STATION NAME

75-84
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0600-2800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.3	1.2	.4	.3							3.8	7.0
NNE	.3	.4	.3									.9	5.3
NE		.9										.8	5.3
ENE	.4	.8	.3									1.4	4.9
E	.5	.8	.5									1.9	5.1
ESE	.3	1.3	.4	.1								2.1	5.8
SE	.1	.4	.3									.8	5.7
SSE		.9	.3									1.2	5.3
S		.4	.1									.5	6.3
SSW	.9	.8	.3									1.9	3.9
SW	.4	.8	.4									1.5	4.8
WSW	1.2	2.8	.5	.1								4.7	4.8
W	3.3	12.2	8.5	1.0								25.1	6.1
WNW	1.3	10.3	12.9	1.2								25.6	6.9
NW	.4	2.2	3.8	.9								7.3	7.5
NNW	.4	1.5	1.5	1.0								4.5	8.3
VARBL													
CALM												15.9	
	10.3	37.4	31.4	4.7	.3							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

780

GLOBAL CLIMATOLOGY BRANCH
 JSAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

434153
 STATION

AL JUBAYL/DHAKRAN SAUDI ARABIA
 STATION NAME

75-84
 YEARS

SEP
 MONTH

ALL WEATHER
 CLASS

3000-1100
 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	.5	2.9	5.5	5.7	2.6	.2						17.5	11.1
NNE	.4	.8	1.2	.5	.1							3.3	8.2
NE	.2	.5	.7	.1								1.5	6.7
ENE	.1	1.0	.5	.1								1.3	6.3
E	.5	2.2	1.4	.1								4.3	5.9
ESE	.2	1.1	1.9		.1							3.4	7.5
SE	.2	.7	.4									1.3	5.5
SSE	.4	.5	.9									1.7	6.6
S	1.0	1.6	.7	.1								3.4	5.2
SSW	1.0	1.3	.9	.1								3.2	5.1
SW	.5	1.4	1.0	.2								3.1	5.3
WSW	.5	1.7	1.0	.2								3.4	5.9
W	1.0	4.9	4.7	.7	.2							11.5	6.7
WNW	.5	3.7	4.9	1.6								10.8	7.6
NW	1.2	1.9	4.7	.8								8.5	7.4
NNW	.8	1.8	4.7	6.3	.6	.4						14.6	10.6
VARBL	.5	.5	.1									1.3	4.3
CALM												5.6	
	2.7	23.5	35.1	16.8	3.7	.5						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

836

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 104150 AL JUBAYL/DHARAN SAUDI ARABIA 75-84 SEP
STATION NAME CLASS MONTH
ALL WEATHER
CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.3	6.4	15.7	4.5	.5						28.6	13.3
NNE		.7	4.2	4.1	.1							9.1	10.8
NE	.4	1.3	3.3	1.7	.1							5.4	9.3
ENE	.5	2.4	4.9	1.2								8.9	8.1
E	.5	3.7	10.3	1.3								15.5	7.8
ESE	.2	3.3	3.3	.4								7.3	6.6
SE		1.1	1.1	.1								2.3	7.1
SSE	.2	.5	.7									1.5	6.5
S	.2	1.3	.7									1.9	5.6
SSW	.4	.7		.4								1.4	5.9
SW	.2	.2	.2									.7	5.2
WSW		.7		.1								.8	6.3
W	.1	.2	.8	.1	.1							1.4	9.0
WNW	.2	.5	.8	.1								1.8	6.9
NW	.2	.5	.8	.5								2.0	7.8
NNW	.1	.4	2.0	3.5	.8	.4						7.2	12.7
VARBL	.2	.2	.1									.6	5.0
CALM												2.1	
	4.1	13.2	33.8	29.1	5.7	1.0						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 339

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION AD-130 STATION NAME AL JUBAYL/DHARAW SAJDI ARABIA YEARS 75-84 MONTH SEP
CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	4.3	16.6	4.3	.4						27.9	13.8
NNE		1.9	7.0	9.2	.5							19.6	15.8
NE	.1	1.1	8.7	3.8	.1		.1					13.9	9.8
ENE	.1	2.2	8.5	2.8	.1							13.8	8.8
E		4.3	9.0	3.4	.1							16.8	8.6
ESE	.1	1.3	2.5	.6								4.5	7.9
SE	.1	.4	.6	.1								1.2	7.6
SSE			.2									.2	9.0
S		.1	.4	.2								.7	9.7
SSW													
SW													
WSW				.1								.1	15.0
W													
WNW			.1									.1	8.0
NW				.1								.1	15.0
NNW				1.1	.5							1.5	15.0
VARBL		.1										.1	6.0
CALM												.4	
	.5	11.7	41.3	40.1	5.7	.4	.1					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 174150 AL JUBAYL/JAHARAN SAUDI ARABIA 75-84 SEPT
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1900-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	5.3	11.7	4.2	.4							23.9	6.3
NNE	1.4	10.3	9.2	1.0								21.9	6.6
NE	1.2	4.2	4.7	.5								10.6	6.6
ENE	1.1	5.3	4.7	1.7								12.1	6.7
E	1.6	9.2	7.5	1.0								15.3	6.7
ESE	.5	.5	.7	.1								1.8	6.5
SE		.1										.1	6.0
SSE	.1		.1									.2	4.5
S	.1											.1	3.0
SSW													
SW	.1											.1	3.0
WSW	.1											.1	3.0
W	.2		.1									.4	4.3
WNW		.2										.2	4.5
NW		.2	.1									.4	5.0
NNW	.2	1.4	1.4	1.0	.2							4.2	8.6
VARBL	.1											.1	3.0
CALM												3.4	
	7.5	37.3	43.5	8.7	.6							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

474150 AL JJBAYL/DHAKRAN SAUDI ARABIA 75-84 SEP
STATION NORTH
ALL WEATHER CLASS
CONDITION
2100-2300 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	7.0	2.6	.9								13.5	5.6
NNE	3.0	4.5	.1									7.7	4.1
NE	.6	1.9	.2	.1								3.4	5.4
ENE	1.1	2.5	1.8	.1								5.5	5.9
E	2.1	5.2	2.5	.5								11.3	5.6
ESE	1.5	2.6	.5	.3								5.0	5.0
SE	.5	.8	.1									1.5	4.5
SSE	.5											.5	2.8
S	.8	.4										1.1	3.0
SSW	.4	.4										.5	3.5
SW	.5	.4										1.0	3.8
WSW	1.4	2.6	.1									4.2	4.0
W	2.9	4.5	.6									7.9	4.2
WNW	.6	1.9	.5	.1								3.1	5.1
NW	.5	.6	.3	.4								2.3	5.8
NNW	1.0	1.4	2.0	.9								5.3	7.2
VARBL													
CALM												24.5	
	20.5	37.7	12.5	3.3								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 795

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

424150 AL JJBAYL/DHAHRAN SAUDI ARABIA 75-84 SEP
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 CONDITION
 ALL
 HOURS (L S T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.3	4.3	5.0	1.5	.2						15.7	10.7
NNE	.8	2.5	3.0	1.9	.1							8.3	8.1
NE	.4	1.3	2.4	.8	.0		.0					4.9	7.9
ENE	.5	2.0	2.3	.7	.0							6.0	7.3
E	.7	3.6	4.1	.8	.0							9.4	7.0
ESE	.5	1.5	1.3	.2	.0							3.6	6.3
SE	.2	.5	.3	.0								1.2	5.6
SSE	.2	.4	.3									.7	5.8
S	.4	.5	.2	.0								1.2	5.1
SSW	.4	.5	.2	.1								1.0	4.8
SW	.4	.5	.3	.0								1.2	5.3
WSW	.9	1.9	.3	.1								3.1	4.6
W	2.0	5.6	3.7	.2	.0							12.7	5.7
WNW	.3	4.0	3.9	.4								9.1	6.6
NW	.4	1.1	1.5	.5								3.5	7.4
NNW	.4	1.2	1.8	2.1	.3	.1						5.9	9.9
VARBL	.1	.1	.0									.3	4.5
CALM												11.5	
	10.2	31.1	30.5	14.0	2.1	.2	.0					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 6409

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

474150
STATION

AL JUBAYL/DHAMRAN SAJDI ARABIA
STATION NAME

75-84
YEARS

001
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.5	1.3	1.1								5.5	6.7
NNE	.7	1.4	.5									2.5	4.7
NE	.7	.9	.3		.1							1.5	5.4
ENE		.7										.7	4.8
E	.3	3.6	.1		.3							4.2	5.7
ESE	.5	2.2	.3									3.0	5.0
SE	1.2	1.3	.3									2.5	4.3
SSE	1.1	1.9	.3									3.2	4.7
S	1.5	.9										2.4	3.3
SSW	.4	.3	.4	.1								1.2	5.5
SW	.4	1.2	.1									1.7	4.3
WSW	1.5	2.9	.3									5.0	4.1
W	4.3	15.0	2.8	.1								2.2	4.8
WNW	1.2	3.5	4.5	.3								14.5	6.0
NW	1.7	2.0	2.0	1.4	.1							7.2	7.3
NNW	.3	1.3	1.3	.5								3.9	7.5
VARBL													
CALM												15.0	
	15.6	45.4	14.9	3.6	.5							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 760

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 474150 STATION NAME AL JUBAYL/DHAKHAN SAUDI ARABIA YEARS 75-84 MONTH OCT
CLASS ALL WEATHER HOURS (L.S.T.) 0100-0600
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.8	1.9	.5	.1							4.5	7.2
NNE	.4	1.4	.5									2.3	4.9
NE	.1	.4										.5	4.0
ENE	.7	.4	.1									.5	4.3
E	.4	.4	.1		.1							1.0	6.0
ESE	.5	.7	.3	.1								1.4	4.8
SE	.9	.5	.1									1.5	3.8
SSE	.4	.7										1.0	4.5
S	1.7	1.5	.3		.1							2.9	5.1
SSW	.8	1.0	.5									2.3	4.5
SW	.7	1.0										1.3	4.4
WSW	.8	2.9	.5									4.2	4.7
W	3.5	15.6	7.3	.1								26.6	5.4
WNW	2.8	9.5	3.7	1.1								22.1	6.4
NW	.9	2.1	2.5	1.3	.1							7.4	8.2
NNW	.3	1.9	2.1	.9	.1							5.3	8.0
VARBL													
CALM												13.4	
	13.7	42.2	24.9	4.7	.6							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 793

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 404150 STATION NAME AL JUBAYL/DHAKRAV SAUDI ARABIA YEARS 75-84 NORTH OCT
CLASS ALL WEATHER HOURS (L & Y) 0400-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.6	1.5	.7	.2							5.1	7.3
NNE	.4	.7	1.1	.1	.1							2.5	7.5
NE		.2	.4	.1								.7	6.7
ENE	.2	.1										.4	3.3
E	.4	.7										1.1	4.2
ESE	.2	.1	.1	.1								.5	5.6
SE	.2	.4	.2	.1								1.0	5.9
SSE	.2	.1	.1									.5	4.3
S	.5	.5	.4									1.5	4.8
SSW	.5	1.2	.5									2.4	5.3
SW	.7	1.7	.4									2.9	4.7
WSW	2.2	3.2	.2									5.5	4.2
W	4.2	12.8	5.9	.2								24.2	5.6
WNW	1.7	10.3	12.2	2.5	.1							26.9	7.2
NW	.7	2.9	2.7	1.5	.2							5.2	7.8
NNW	.5	1.4	1.1	1.4								4.5	8.0
VARBL		.1										.1	4.0
CALM												10.7	
	13.8	39.3	28.2	7.1	.7							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 626

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 424150 AL JUBAYL/DHAKRAH SAUDI ARABIA 75-84 YEARS MONTH 001
STATION NAME CLASS 00-1100 HOURS (L E T)
ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.3	3.9	4.2	1.4	.1						11.4	11.1
NNE	.5	.9	1.3	1.3	.1							4.1	5.9
NE	.2	.5	.5	.7								2.4	5.0
ENE	.2	.7	.7	.9								2.4	5.0
E		1.4	.4	.1								1.8	5.0
ESE	.1	.7	.9	.1								1.8	5.7
SE		.7	.4	.4								.7	5.0
SSE	.4	1.1	1.5	.1								1.2	5.8
S	.2	2.2	2.1	.7								4.4	6.7
SSW	.4	1.4	2.5	.2								4.4	6.9
SW	.5	1.5	.9	.5								3.4	6.7
WSW	1.5	3.1	.9	.4								5.2	6.5
W	1.5	5.2	3.9	.5								11.2	6.0
WNW	.4	5.3	5.2	2.3	.1							11.8	7.4
NW	.5	3.4	3.3	3.2	.1							10.3	5.8
NNW	.7	2.6	2.1	1.9	.1	.1						7.1	9.3
VARBL	.5	.2										.4	5.3
CALM												4.7	
	3.5	35.1	32.3	16.7	2.5	.2						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 650

2

JOURNAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 104150 AL JUBAYL/DHAKRAN SAUDI ARABIA 75-84 YEARS MONTH 007
CLASS ALL WEATHER 1000-1400
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	2.1	5.5	9.1	4.4	.7						22.7	12.4
NNE	.5	2.0	4.9	2.9	.2							10.0	9.1
NE	.1	1.3	2.9	1.4								5.7	8.8
ENE		1.7	3.9	1.3								7.0	8.5
E		4.9	7.1	.8	.1							13.4	7.1
ESE		1.5	3.5	.5	.1							4.2	7.5
SE		.7	1.9	.2								3.1	7.4
SSE	.2	.7	1.9	.1								2.9	7.1
S	.3	1.7	1.2	.3								3.5	6.5
SSW	.3	.7	1.4	.1								2.8	6.5
SW	.2	.1	1.2	.2	.1							1.7	9.2
WSW	.5	.7	.5	.1								1.9	5.5
W	.2	.5	.3		.1							1.2	6.7
WNW	.5	1.2	1.0	.5	.1							3.4	7.6
NW	.3	1.0	.5	1.3								3.3	8.5
NNW	.2	1.4	2.7	2.3	.5							5.5	10.5
VARBL	.5	.9	.2									1.7	4.4
CALM												1.3	
	5.0	23.2	40.3	21.1	5.8	.7						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 351

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/440

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

SURFACE WINDS

STATION 44150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84 YEARS 010 MONTH 700-2220 HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED KNOTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.2	.3	.1								1.1	5.6
NNE	.5	.5	.1									1.2	4.2
NE	.5	.2										.7	1.2
ENE			.4									.4	1.2
E	.7	2.2	.5	.1								3.5	5.1
ESE	1.7	2.5	.4									3.7	4.4
SE	1.2	1.9	1.7									4.1	4.3
SSE	.7	3.5	2.3	.5								7.0	6.3
S	.4	1.5	1.5	.5								2.1	7.3
SSW	.2	.5	.4									1.1	5.6
SW		.5	.7		.1							1.0	7.3
WSW	.4	1.3	.1									1.8	4.3
W	2.2	4.5	5.2	.4								17.2	5.0
WNW	1.4	5.7	9.4	2.9	.4	.2						21.0	7.4
NW		4.5	7.7	4.2	.5							15.3	9.1
NNW		.5	3.5	.5								4.0	8.4
VARBL													
CALM												1.5	
	10.4	31.5	32.2	9.1	1.1	.2						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 533

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 174150 STATION NAME AL JUBAYL/DHAHRAN SAUDI ARABIA YEARS 75-84
CLASS ALL WEATHER
CONDITION
YEAR MONTH ALL
HOURS 12 13 14 15 16 17 18 19 20 21 22 23 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	.2	2.3	3.5	4.5	1.2	.1						12.2	13.8
NNE	.2	2.0	1.7	1.0	.1							5.7	7.2
NE	.3	1.7	1.3	.3	.1							3.0	7.0
ENE	.2	1.3	1.1	.2	.0							0.0	6.0
E	.3	2.9	2.5	.2	.0							7.0	5.3
ESE	.4	2.3	1.5	.4	.0							4.5	5.5
SE	.4	1.2	1.4	.3								5.3	5.0
SSE	.2	1.0	1.1	.3	.0							2.0	7.2
S	.4	1.2	1.0	.5	.0							3.1	7.3
SSW	.2	1.0	.7	.1								0.0	6.0
SW	.3	.7	.3									1.0	5.0
WSW	.0	1.2	.2	.0								0.0	4.5
W	1.8	4.4	2.0	.5	.0							0.7	5.7
WNW	.3	4.4	5.7	2.3	.2							13.4	7.9
NW	.5	2.4	4.7	2.2	.3		.0					13.1	8.7
NNW	.7	2.1	2.5	2.3	.4							7.7	9.2
VARBL		.1	.0									.1	5.7
CALM												9.4	
	9.3	32.3	31.4	15.0	2.5	.1	.0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 5454

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

STATION 14150 AL JUBAYL/DHARAN SAUDI ARABIA 75-34 YEARS NOV NORTH
CLASS ALL WEATHER 100-2200 HOURS (LST)
CONDITION

SPEED (KMTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	4.1	2.3	.4	.5							5.3	6.3
NNE	1.9	2.5	.5									5.3	4.3
NE	.5	1.9	.2									3.3	4.7
ENE	.5	1.2	.1		.1							1.6	5.2
E	1.5	4.3	3.4	.5								9.3	5.3
ESE	.5	3.9	2.2	.8	.4							7.8	7.1
SE	.5	1.5	1.5	.5								4.8	6.8
SSE	.4	.7	.8	.1								3.1	6.5
S	.1	.2	.5	.1								1.1	7.6
SSW		.2	.1									.4	6.2
SW	.1	.1	.1									.4	5.3
WSW	.1	.4										.3	3.5
W	1.5	3.5	1.2	.2								6.5	5.4
WNW	1.5	5.4	3.3	1.5								11.5	6.5
NW	.8	4.4	4.7	1.5								11.4	7.2
NNW	1.5	4.4	3.3	.5								5.1	6.4
VARBL													
CALM												16.3	
	13.1	33.5	24.5	6.1	1.2							100.2	5.2

TOTAL NUMBER OF OBSERVATIONS 425

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

024150
STATION

AL JUBAYL/DHARRAN SAJDI ARABIA
STATION NAME

75-34
YEARS

NDV
MONTH

ALL WEATHER
CLASS

1000-2000
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	1.3	7.5	7.9	2.4	1.2							22.2	7.7
NNE	2.3	5.3	2.5									11.1	4.9
NE	1.4	3.8	2.7	.3	.3							7.7	5.9
ENE	.8	3.8	1.9	.3								5.7	5.9
E	2.5	5.2	4.8	.5	.1							14.3	5.2
ESE	.8	3.3	1.9	.9								5.7	5.6
SE	.9	1.5	.4									2.3	4.7
SSE	.4	.9	.3									1.5	5.3
S		.3	.1									.4	7.0
SSW		.1										.1	4.2
SW		.1										.1	5.0
WSW	.1	.3										.4	3.7
W													
WNW	.1	.5	.9	.6								2.2	5.8
NW	.3	1.8	4.7	1.4								5.1	5.3
NNW	.4	4.5	5.5	1.6								13.2	7.7
VARBL													
CALM												5.2	
	11.1	40.4	33.8	8.1	1.4							122.2	5.4

TOTAL NUMBER OF OBSERVATIONS 790

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 424153 STATION NAME AL JJBAYL/DHAKHAN SAJDI ARABIA YEARS 75-84 MONTH NOV
CLASS ALL WEATHER HOURS (LST) 1800-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	5.3	15.5	2.9							28.2	12.3
NNE	.1	2.3	5.1	3.1	.1							11.6	9.5
NE	.1	2.4	3.7	1.1	.4							7.7	8.2
ENE	.2	3.3	3.5	.7								7.7	7.3
E	.7	4.5	7.8	.4								13.4	6.9
ESE	.2	3.1	3.4	.1								6.9	6.3
SE	.5	1.3	3.5	.5								5.8	7.6
SSE	.1	1.3	1.2	.2								2.5	6.9
S	.1	1.2	.7	.4								2.4	7.4
SSW		.1	.2									.4	8.0
SW		.1										.1	6.0
WSW													
W	.2	.2										.3	3.8
WNW		.2		.6								.8	11.0
NW	.2	.4	1.2	1.2	.1							3.1	9.5
NNW		.7	1.9	5.3	.5							8.4	11.8
VARBL		.1	.1									.2	6.5
CALM												.2	
	2.3	21.9	41.9	29.2	4.3							100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 830

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

47415J
STATION

AL JUBAYL/DHAKRAN SAUDI ARABIA
STATION NAME

75-84
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1700-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.9	5.4	11.2	2.7	.1						22.7	11.9
NNE	.2	1.8	2.8	2.9	.4							5.2	9.8
NE	.1	.9	2.1	1.2	.2							4.5	9.2
ENE		1.2	2.2	.2								3.7	7.7
E	.1	4.2	2.1	.1								6.5	6.2
ESE	.4	2.8	1.8	.2								5.3	6.2
SE	.1	1.2	2.8	.5								4.6	7.9
SSE	.1	1.6	2.7	1.0	.4							5.7	8.9
S	.2	1.3	2.6	.7	.1							5.0	8.4
SSW	.1	1.0	1.0	.1								2.2	6.5
SW	.1	.9	.4									1.3	5.3
WSW		.6	.9									1.5	6.5
W	.7	.6	1.0	.1								2.4	6.1
WNW	.4	1.5	.9	.7	.1							3.5	7.9
NW	.2	2.1	3.9	1.3	.2		.1					7.9	9.1
NNW	.2	2.0	2.4	6.0	1.3							12.0	11.3
VARBL		.4										.4	5.0
CALM												2.4	
	3.5	25.9	34.8	26.5	5.5	.1	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

318

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

434153 AL JJBAYL/DHAKHAN SAUDI ARABIA 75-84 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0400-1100
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	2.3	1.3	3.9	1.9	.2						12.5	12.5
NNE	.2	1.8	1.1	1.1	.4							4.5	8.6
NE	.2	.9	1.1									2.3	6.3
ENE		.6	.5	.1								1.2	7.5
E	.1	1.5	.5									2.3	5.6
ESE		.9	.5	.1								1.5	6.8
SE	.1	.5	.1	.2								.9	6.8
SSE	.5	1.3	1.1	.1								2.0	6.1
S	.3	3.4	2.4	2.5	.2							9.4	8.0
SSW	1.2	2.0	1.1	.4								4.6	5.7
SW	.7	1.1	.3									2.6	5.0
WSW	1.4	2.3	.5									4.1	4.5
W	1.3	3.7	1.9	.9	.1							4.4	6.2
WNW	.4	4.1	9.0	4.6	.5							15.6	9.0
NW	.2	2.3	7.7	5.2	.9							15.6	10.0
NNW	.1	.9	2.3	2.7	.6							6.6	10.8
VARBL		.1										.1	6.0
CALM												4.3	
	7.9	29.5	31.5	21.9	4.6	.2						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 844

GLOBAL CLIMATE DIV BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

434153 STATION AL JUBAYL/DHARAN SAUDI ARABIA 75-84 YEARS NORTH 40V
0600-2600 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.8	.9	.6	.1							4.3	6.8
NNE	.5		.3	.4								1.1	5.0
NE	.5	.1	.1									.9	4.0
ENE		.1	.1		.1							.4	10.7
E		.5	.3	.1								.9	7.6
ESE	.1	.4										.5	4.8
SE	.1	.1	.4									.6	6.6
SSE		.6	.6	.1								1.4	7.2
S	1.0	.9	.5									2.5	4.8
SSW	.5	2.3	1.1	.1								4.2	5.5
SW	.9	1.3	.6									2.8	4.9
WSW	1.9	2.3	.1	.1								4.4	4.1
W	4.2	7.3	5.5	1.0	.1							20.2	5.8
WNW	1.0	9.0	13.2	5.1	.4							29.6	8.1
NW	.8	2.0	5.7	2.7	.8							11.9	9.4
NNW	.1	.6	1.1	.6	.3							2.3	9.4
VARBL													
CALM												12.4	
	12.9	31.3	30.8	10.9	1.8							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 789

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 404150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84 NORTH
STATION NAME CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.) 0300-3500

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.8	.9	1.0	.1							5.1	6.8
NNE	.5	.5	.1		.1							1.4	5.3
NE	.4	.4	.4	.1	.1							1.4	6.7
ENE	.1	.3	.1									.5	5.3
E	.3	.4		.1	.1							.9	7.7
ESE	.3	.8	.5									1.5	5.3
SE	.1	1.5	.9	.1								2.7	6.8
SSE		.9	.4	.3								1.4	7.0
S	.4	.9	.3									1.6	4.9
SSW	.4	1.0	1.2									2.6	6.3
SW	.9	1.2	.3									2.3	4.4
WSW	.5	2.3	.1									3.0	4.3
W	3.5	10.5	3.9	1.4	.1							19.4	5.9
WNW	1.8	5.5	12.2	3.5	.3							24.2	7.8
NW	.9	2.6	4.7	2.6	.4							11.1	5.6
NNW	.5	1.7	1.5	.5								4.4	6.7
VARBL													
CALM												16.3	
	11.9	33.3	27.5	9.7	1.3							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 772

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

404150
STATION

AL JUBAYL/JAHARAN SAUDI ARABIA
STATION NAME

75-84
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0000-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.3	.9	.4	.1	.1						3.6	7.3
NNE	.9	1.1	.1									2.2	3.6
NE	.7	.3	.4									.9	5.7
ENE		.3	.5									.6	7.0
E	1.3	1.7	.9									3.5	4.6
ESE	.8	2.8	1.5	.5								5.7	6.1
SE	.3	2.7	1.1	.5								5.1	5.9
SSE	.4	1.0	1.8	.3								3.4	7.0
S	.7	1.4	.5	.1								2.4	5.7
SSW	.3	1.0	.5									1.6	6.0
SW		.9	.3									1.0	5.9
WSW	.3	1.4	.1									2.3	4.2
W	2.7	7.9	2.4	.3								13.2	5.3
WNW	1.7	7.9	7.0	2.0	.4							19.0	7.0
NW	.5	3.8	5.7	1.3	.1							11.6	7.5
NNW	.1	1.8	1.9	.5	.1							4.6	7.6
VARBL													
CALM												16.3	
	11.5	37.1	25.1	6.1	.8	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

785

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

404150
STATION

AL JUBAYL/DHAFRAH SAUDI ARABIA
STATION NAME

75-84
YEARS

OCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	3.2	4.4	4.5	1.5	.2						14.5	12.0
NNE	.5	2.9	3.5	1.5	.1							5.5	7.0
NE	.3	1.5	2.1	.6	.0							4.6	7.0
ENE	.4	1.5	2.0	.6	.0							4.5	7.0
E	.7	3.6	3.4	.7	.1							5.4	6.0
ESE	.5	1.4	1.3	.3	.0							3.6	6.0
SE	.5	.8	.9	.2								2.3	6.0
SSE	.4	.9	.7	.0								2.0	5.0
S	.5	1.1	.5	.1	.0							2.3	5.0
SSW	.4	.6	.7	.1								1.8	6.0
SW	.3	.7	.3	.1	.0							1.5	5.0
WSW	.9	1.7	.3	.1								3.0	4.0
W	1.9	5.6	2.6	.2	.0							11.3	5.0
WNW	1.0	4.6	4.1	.9	.1							10.6	6.0
NW	.5	1.9	1.7	1.3	.1							5.4	7.0
NNW	.4	1.7	2.1	1.4	.3	.0						5.9	9.0
VARBL	.2	.2	.0	.0								.4	4.0
CALM												9.0	
	10.2	35.0	31.0	12.3	2.3	.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

655

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

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

SURFACE WINDS

404150
STATION

AL JUBAYL/DHAHRAN SAUDI ARABIA
STATION NAME

75-84
YEARS

OCT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	7.3	4.3	.7	.1							14.2	5.1
NNE	1.3	5.9	1.7	.1								8.7	5.1
NE	1.1	2.4	.1									3.7	4.1
ENE	.7	1.6	1.3									3.7	5.1
E	1.5	5.7	2.5	.5								11.4	5.1
ESE	1.3	2.9	1.7	.4	.1							5.4	6.1
SE	.7	1.5	1.3	.4								3.5	5.1
SSE	.5	1.6	.4									2.6	4.1
S	.5	.2	.1									1.3	3.1
SSW	.4	.2		.1								.7	5.1
SW	.5	.2										.7	3.1
WSW	.4	.9	.1									1.3	4.1
W	1.3	4.2	.2									5.6	4.1
WNW	1.3	1.3	.2	.2	.1							3.2	5.1
NW	.7	2.4	1.5	.4								5.1	6.1
NNW	.9	3.3	3.9	.7								8.8	7.1
VARBL		.4		.1								.5	6.1
CALM												15.1	
	15.7	42.4	19.7	3.8	.4							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 51

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

474153 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
1-00-200
MONTH
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	.5	7.5	17.5	5.3	.4							24.2	8.
NNE	1.1	9.6	7.5	.7								13.9	6.
NE	.5	4.5	3.5									8.6	6.
ENE	1.5	4.2	3.9	1.7								17.5	5.
E	1.5	5.2	5.3	1.6								14.5	6.
ESE	1.7	1.7	1.2	.5								4.4	6.
SE	.4	.9	1.7									2.2	5.
SSE		.9	.4									1.2	5.
S	.1		.1									.2	5.
SSW	.1	.1										.2	4.
SW		.1		.1								.2	9.
WSW		.1										.1	5.
W	.1											.1	3.
WNW	.2	.2										.2	4.
NW	.1	.5	.2	.4								1.2	8.
NNW	.2	1.5	3.9	1.4	.1							7.0	8.
VARBL													
CALM												5.7	
	7.4	38.7	37.5	10.9	.5							109.2	6.

TOTAL NUMBER OF OBSERVATIONS 81

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

404150

AL JUBAYL/DHAKRAH SAUDI ARABIA

75-84

OCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1800-1700

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		.2	5.2	13.5	4.9	.5						24.4	13.1
NNE		.7	10.5	5.2	.4							17.9	13.1
NE		2.4	9.5	2.1								13.0	8.1
ENE	.1	3.4	5.5	1.4	.1							10.7	8.1
E	.2	4.9	10.8	2.4	.1							19.0	8.1
ESE		1.4	2.2	.5								4.1	7.1
SE		.5	2.5	.2								3.3	8.1
SSE		.5	1.1									1.5	7.1
S	.2	.5	.5									1.4	6.1
SSW		.1	.1	.2								.5	11.1
SW													
WSW			.1									.1	8.1
W		.2	.1	.2								.6	9.1
WNW	.1	.2										.4	4.1
NW													
NNW		.2		1.9	.9	.1						3.1	14.1
VARBL													
CALM													
	1.3	15.5	47.5	28.6	6.5	.7						100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

8

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WIND

404152
STATION

AL JUBAYL/DHAKRAN SAUDI ARABIA
STATION NAME

75-84
YEARS

DEI
MONTH

ALL WEATHER
CLASS

0700-1
HOURS LT

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	A V S
N	.1	1.7	.5	.1	.1							2.2	
NNE	.4	.4	.4									1.1	
NE	.1	.4										.5	
ENE		.1										.1	
E	.5	1.0	.7	.1								2.4	
ESE	.2	.2	.2									.7	
SE	.4	.5	.7									1.7	
SSE	.5	1.7	.3	.4								3.4	
S	.4	1.0	.3	.5								2.7	
SSW	.7	1.3	.4									2.4	
SW	.5	2.1	.1	.1								2.9	
WSW	1.0	1.9	.5									2.4	
W	2.2	7.1	5.0	1.0								15.2	
WNW	2.3	7.7	10.3	4.1	.5							25.9	
NW	.4	3.5	5.9	5.3	.6	.1						15.6	
NNW	.7	1.5	2.9	1.1								6.3	
VARBL													
CALM												13.4	
	10.5	32.3	29.7	12.7	1.2	.1						100.0	

TOTAL NUMBER OF OBSERVATIONS

2
 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WIND

400150 STATION AL JUBAYL/DHAHRAN SAUDI ARABIA 75-94 YEARS 25 MONTH
 CLASS ALL WEATHER
 HOURS 11

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.4	1.0	.5	.3	.4							2.8
NNE	.5	1.4	.4									2.4
NE	.1	.4	.1									.5
ENE		.3										.3
E	.1	.5	.3									1.0
ESE		.5	.1	.6								1.4
SE	.5	.3	.1									.9
SSE	.4	1.1	.7	.1								2.5
S	.4	1.9	1.1	.1								3.5
SSW	.9	1.7	.5	.1								3.3
SW	1.0	1.3	.5									2.8
WSW	1.5	3.6	.1									5.3
W	3.5	7.0	5.3	1.6	.3							17.8
WNW	1.4	5.6	11.2	6.9	.9							25.8
NW	.4	3.1	5.6	5.3	.5							14.9
NNW	.5	.8	1.5	1.1	.1							4.0
VARBL	.1	.1										.3
CALM												10.3
	11.3	31.0	29.3	16.2	2.0							100.0

TOTAL NUMBER OF OBSERVATIONS

2

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WIND

474150

AL JUBAYL/DHAHRAN SAUDI ARABIA

75-84

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

8000-11

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	%	MEA WIN SPEI
N	.4	1.5	2.0	1.2	.5	.1						5.7	9
NNE	.1	1.1	.4	.1								1.5	6
NE		.4	.2									.6	7
ENE	.4	.2	.1									.7	4
E	.2	1.1	.9									2.1	6
ESE	.4	.5	.7	.2	.1							1.4	7
SE	.4	.5	.5	.9								2.2	8
SSE	.4	1.3	1.9	.4								3.9	7
S	.5	2.7	3.7	1.2	.4							7.7	8
SSW	.5	1.5	.5	.2								2.8	6
SW	1.2	1.5	.7									3.4	5
WSW	1.4	1.5	1.1	.1								4.1	5
W	.9	4.7	4.4	2.2								12.3	7
WNW	.4	2.3	9.3	7.7	1.1							21.2	10
NW	.1	1.9	5.4	8.3	1.5	.1						18.5	11
NNW	.2	.7	1.1	2.7	.7							5.4	12
VARBL	.1	.2										.4	3
CALM												5.5	
	7.4	24.1	32.9	25.4	4.4	.2						100.3	8

TOTAL NUMBER OF OBSERVATIONS

8

GLOBAL CLIMATOLOGY BRANCH
 JSAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WIND

474150
 STATION

AL JUBAYL/DHAKRAN SAUDI ARABIA
 STATION NAME

75-34
 YEARS

DEC
 MONTH

ALL WEATHER
 CLASS

1000-1
 HOURS (L S)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MI WI SP
N		1.4	5.1	7.2	2.0							15.2	1
NNE	.4	1.4	1.3	.7								4.2	
NE	.1	.5	.9									1.4	
ENE		.7	.7	.2								1.6	
E	.4	2.5	2.3	.1								5.3	
ESE	.4	2.2	1.2	.5								4.2	
SE	.1	.5	2.1	1.9	.1							4.7	1
SSE	.2	1.5	3.2	1.3								6.2	
S	.4	2.5	3.2	2.2	.4							8.5	
SSW	.5	.5	.2	.2								1.5	
SW	.2	.8	.8	.2								2.1	
WSW	.4	.5	.5	.2								1.5	
W	.4	1.5	1.8	.7								4.3	
WNW	.2	1.1	3.3	.9	.1							5.6	
NW	.4	1.5	7.1	6.5	1.8							17.3	1
NNW	.1	1.5	2.9	7.0	1.4							13.1	1
VARBL		.2	.1									.4	
CALM												2.5	
	4.0	20.9	37.0	30.0	5.7							100.0	

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WIND

424150
STATION

AL JJBAYL/DHARAN SAUDI ARABIA
STATION NAME

75-84
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1900-1
HOURS (L S)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	ME WI SPI
N	.5	2.1	10.8	12.3	1.8	.1						27.5	1
NNE	.2	1.7	3.0	.5								5.5	
NE	.1	1.7	2.3	.1								4.3	
ENE		1.0	1.7	.2								3.0	
E	1.0	5.4	3.9									11.2	
ESE	.3	2.9	3.0	.8								7.1	
SE	.6	2.0	3.1	1.0	.1							6.8	
SSE	.2	1.2	1.8	2.0								5.2	
S	.5	1.2	.7	.1								2.4	
SSW		.3		.1								.5	
SW		.5										.5	
WSW		.2		.1								.3	
W	.2	.3	.2									.8	
WNW	.1	1.5	1.3	.5								2.4	
NW		1.4	3.2	2.7	.8							8.1	1
NNW		.5	3.8	6.9	1.2							12.4	1
VARBL													
CALM												1.0	
	3.8	24.9	38.8	27.4	3.9	.1						100.0	

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WIND

474153 AL JUBAYL/DHAKHAN SAUDI ARABIA 75-84
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
DEC
MONTH
1000-20
HOURS (L.S.T.)

SPEED (KNTS) D/R	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEED
N	2.4	4.5	5.3	1.1								14.9	6
NNE	1.8	3.5	.5									6.0	4
NE	1.0	2.1	.4									3.4	4
ENE	.9	2.1	1.1									4.0	5
E	2.3	5.9	1.3									10.9	4
ESE	.5	3.5	1.1	.2								5.6	5
SE	.7	1.8	1.7	.2								4.5	6
SSE	.1	1.2	.7	.1								2.2	6
S	.1	.4	.2									.7	5
SSW													
SW		.1										.1	3
WSW	.2	.1										.4	3
W		.2	.2	.1								.5	7
WNW	.7	1.7	1.1	.9								4.4	6
NW	1.0	3.2	5.9	1.8	.4							13.2	4
NNW	.9	5.0	10.3	4.0	.4	.1						20.7	8
VARBL													
CALM												2.4	
	13.2	35.6	32.4	8.5	.7	.1						100.0	6

TOTAL NUMBER OF OBSERVATIONS 8

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WIND

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

104150 AL JJBAYL/JAH-RAN SAUDI ARABIA 75-84 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
100-23
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	%	MEA WIN SPEE
N	3.0	2.4	1.5		.1							7.1	5
NNE	.6	1.2	.2	.1								2.2	5
NE	1.3	.7	.2									1.9	4
ENE	1.0	1.1	.4									2.4	4
E	1.2	3.0	1.2									5.4	5
ESE	1.1	4.4	1.0	.5								5.9	5
SE	.5	2.3	1.3	.5								5.1	6
SSE	.1	1.9	1.5	.1								3.7	6
S	.2	.2	.4									.8	6
SSW													
SW	.1		.1									.2	5
WSW		.2	.1									.4	6
W	1.7	2.6	1.3	.2								5.8	5
WNW	1.3	5.2	4.2	1.7		.1						13.5	6
NW	.7	5.0	10.3	3.0	.4							20.3	6
NNW	.7	3.1	4.4	1.7								9.9	7
VARBL													
CALM												14.2	
	13.2	35.4	29.7	7.9	.5	.1						100.0	5

TOTAL NUMBER OF OBSERVATIONS b

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

474150 STATION AL JUBAYL/DHAKRAN SAUDI ARABIA 75-84 YEARS DEC MONTH ALL HOURS (LST) CLASS ALL WEATHER CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	3.6	2.9	.5	.0						12.0	9.2
NNE	.5	1.4	.9	.2								3.0	5.0
NE	.4	.8	.5	.0								1.7	5.0
ENE	.3	.7	.5	.1								1.5	5.0
E	.9	2.9	1.4	.0								5.3	5.0
ESE	.5	2.1	1.0	.4	.0							4.0	5.0
SE	.5	1.2	1.4	.5	.0							3.8	7.0
SSE	.3	1.7	1.7	.5								4.3	7.0
S	.3	1.3	1.3	.5	.1							3.7	7.0
SSW	.3	.9	.3	.1								1.4	5.0
SW	.4	.9	.3	.0	.0							1.4	5.0
WSW	.6	1.2	.3	.1								2.1	4.0
W	1.4	3.5	2.9	.9	.0							5.6	6.0
WNW	1.7	4.1	5.2	3.2	.3	.0						14.9	8.0
NW	.4	3.1	5.5	4.5	.8	.0						15.6	9.0
NNW	.4	1.7	3.9	3.2	.5	.0						9.5	9.0
VARBL	.0	.1	.0									.1	4.0
CALM												5.8	
	9.2	29.5	32.6	17.3	2.5	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 660

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

404150 STATION AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84 YEARS ALL MONTH ALL HOUR (L & T)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.3	5.1	7.1	3.1	.3	.1	.0				13.7	11.9
NNE	.5	2.2	2.5	1.8	.2	.0						7.4	9.5
NE	.3	1.1	1.5	.5	.0	.0	.0					3.4	7.6
ENE	.3	1.1	1.5	.4	.0	.0						3.4	7.4
E	.6	2.5	2.7	.7	.0	.0						5.7	7.1
ESE	.4	1.5	1.2	.4	.1	.0						3.6	7.0
SE	.3	.8	.9	.5	.0	.0						2.6	7.6
SSE	.3	.8	.9	.4	.0	.0						2.3	7.5
S	.3	.8	.7	.2	.0	.0						2.1	6.7
SSW	.3	.5	.3	.1	.0							1.2	5.7
SW	.3	.5	.2	.0	.0	.0						1.1	5.2
WSW	.6	1.2	.3	.0	.0	.0						2.1	4.6
W	1.4	5.0	2.5	.3	.0	.0						7.2	5.7
WNW	.7	3.8	4.4	1.1	.1	.0						10.1	7.3
NW	.4	1.8	3.2	2.0	.3	.0	.0					7.8	9.1
NNW	.3	1.5	2.9	3.1	1.0	.2	.0	.0				9.0	11.0
VARBL	.1	.1	.0	.0	.0							.2	5.0
CALM												.2	
	7.8	23.2	30.9	18.7	5.0	1.1	.1	.0				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 75815

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 474150 STATION NAME AL JUBAYL/DHAKHAN SAUDI ARABIA YEARS 75-84 MONTH ALL
INSTRUMENT CLASS CONDITION
CIS 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
AND/OR VSBY 1/2 TO 2-1/2 MI W/ CIS 200 FT OR MORE
HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.5	2.3	8.5	8.3	5.6	.7	.2				27.8	16.6
NNE	.3	.9	1.3	1.4	.6	.1						4.5	13.6
NE	.2	.5	.5	.3	.0							1.6	7.4
ENE	.1	.5	.6	.2								1.5	7.3
E	.2	.8	.9	.2								2.1	7.1
ESE	.2	.7	.3	.1	.1							1.3	7.1
SE	.1	.4	.3	.1	.0							.9	7.5
SSE	.1	.3	.3	.4	.1							1.1	9.2
S	.1	.4	.2	.3	.1							1.1	8.0
SSW	.2	.3	.2	.1								.8	5.9
SW	.2	.4	.1	.1		.3						.5	6.3
WSW	.4	.3	.2	.1	.0							1.5	5.0
W	1.7	4.3	2.5	.5	.1							8.7	6.1
WNW	.5	3.7	4.1	1.5	.4	.0						10.4	6.0
NW	.2	1.5	4.2	4.4	1.5	.2						12.0	11.3
NNW	.2	.3	2.8	5.7	5.1	1.8	.3					17.7	15.1
VARBL	.0	.0		.0	.0							.1	8.6
CALM												.1	
	4.7	17.8	21.5	24.9	16.3	7.8	1.0	.0				100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 4470

✓

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.

L

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(IST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
.....																	
NO CEIL																	
.....																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
.....																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
.....																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
.....																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
.....																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
.....																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
.....																	
GE 0																	
.....																	

TOTAL NUMBER OF OBSERVATIONS: 770

GLOBAL CLIMATOLOGY BRANCH
JSAFLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(IST): 0700-0500

CEILING		VISIBILITY IN STATUTE MILES																
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4		
NO CEIL																		
GE 20000																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
GE 10000																		
GE 9000																		
GE 8000																		
GE 7000																		
GE 6000																		
GE 5000																		
GE 4500																		
GE 4000																		
GE 3500																		
GE 3000																		
GE 2500																		
GE 2000																		
GE 1800																		
GE 1500																		
GE 1200																		
GE 1000																		
GE 900																		
GE 800																		
GE 700																		
GE 600																		
GE 500																		
GE 400																		
GE 300																		
GE 200																		
GE 100																		
GE 0																		

TOTAL NUMBER OF OBSERVATIONS: 703

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404163 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(LST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE U
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			74.2	79.4	81.7	84.2	84.2	85.4	86.3	86.8	87.0	87.4	88.4	88.8	88.8	90.7	
GE 4500			74.2	79.4	81.7	84.2	84.2	85.4	86.3	86.8	87.0	87.4	88.4	88.8	88.8	90.7	
GE 4000			76.9	82.1	84.8	87.4	87.4	88.6	89.5	90.0	90.2	90.5	91.7	92.1	92.1	94.0	
GE 3500			77.8	83.0	85.7	88.3	88.3	89.5	90.4	91.1	91.3	91.7	92.8	93.2	93.2	95.1	
GE 3000			80.5	85.8	88.6	91.6	91.6	93.0	93.9	94.5	94.8	95.3	96.6	96.9	96.9	98.9	
GE 2500			80.8	86.2	89.0	92.0	92.0	93.4	94.3	94.9	95.1	95.7	96.9	97.3	97.3	99.2	
GE 2000			81.0	86.3	89.3	92.2	92.2	93.7	94.6	95.3	95.5	96.0	97.3	97.7	97.7	99.6	
GE 1800			81.0	86.3	89.3	92.2	92.2	93.7	94.6	95.3	95.5	96.0	97.3	97.7	97.7	99.6	
GE 1500			81.0	86.5	89.4	92.3	92.3	93.9	94.8	95.4	95.7	96.2	97.4	97.8	97.8	99.7	
GE 1200			81.0	86.5	89.4	92.3	92.3	93.9	94.8	95.4	95.7	96.2	97.4	97.8	97.8	99.7	
GE 1000			81.0	86.5	89.4	92.3	92.3	93.9	94.8	95.4	95.7	96.2	97.4	97.8	97.8	99.7	
GE 900			81.0	86.5	89.4	92.3	92.3	93.9	94.8	95.4	95.7	96.2	97.4	97.8	97.8	99.7	
GE 800			81.0	86.5	89.4	92.3	92.3	93.9	94.8	95.4	95.7	96.2	97.4	97.8	97.8	99.7	
GE 700			81.0	86.5	89.4	92.3	92.3	93.9	94.8	95.4	95.7	96.2	97.4	97.8	97.8	99.7	
GE 600			81.0	86.5	89.4	92.3	92.3	93.9	94.8	95.4	95.7	96.2	97.4	97.8	97.8	99.7	
GE 500			81.0	86.5	89.4	92.3	92.3	93.9	94.8	95.4	95.7	96.2	97.4	97.8	97.8	99.7	
GE 400			81.0	86.5	89.4	92.3	92.3	93.9	94.8	95.4	95.7	96.2	97.4	97.8	97.8	99.7	
GE 300			81.0	86.5	89.4	92.3	92.3	93.9	94.8	95.4	95.7	96.2	97.4	97.8	97.8	99.7	
GE 200			81.0	86.5	89.4	92.3	92.3	93.9	94.8	95.4	95.7	96.2	97.4	97.8	97.8	99.7	
GE 100			81.0	86.5	89.4	92.3	92.3	93.9	94.8	95.4	95.7	96.2	97.4	97.8	97.8	99.9	
GE	0		81.0	86.5	89.4	92.3	92.3	93.9	94.8	95.4	95.7	96.2	97.4	97.8	97.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 7.3

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			91.1	93.6	94.8	95.9	95.9	95.9	96.0	96.0	96.0	96.2	96.4	96.7	96.7	96.7	
GE 4500			91.1	93.6	94.8	95.9	95.9	95.9	96.0	96.0	96.0	96.2	96.4	96.7	96.7	96.7	
GE 4000			91.9	94.4	95.6	96.7	96.7	96.7	96.9	96.9	96.9	97.0	97.3	97.5	97.5	97.5	
GE 3500			92.1	94.5	95.8	96.9	96.9	96.9	97.0	97.0	97.0	97.1	97.4	97.7	97.7	97.7	
GE 3000			93.7	96.3	97.5	98.6	98.6	98.6	98.8	98.9	98.9	99.0	99.3	99.6	99.6	99.6	
GE 2500			94.0	96.6	97.8	98.9	98.9	98.9	99.0	99.2	99.2	99.3	99.6	99.9	99.9	99.9	
GE 2000			94.1	96.7	98.0	99.0	99.0	99.0	99.2	99.3	99.3	99.5	99.7	100.0	100.0	100.0	
GE 1800			94.1	96.7	98.0	99.0	99.0	99.0	99.2	99.3	99.3	99.5	99.7	100.0	100.0	100.0	
GE 1500			94.1	96.7	98.0	99.0	99.0	99.0	99.2	99.3	99.3	99.5	99.7	100.0	100.0	100.0	
GE 1200			94.1	96.7	98.0	99.0	99.0	99.0	99.2	99.3	99.3	99.5	99.7	100.0	100.0	100.0	
GE 1000			94.1	96.7	98.0	99.0	99.0	99.0	99.2	99.3	99.3	99.5	99.7	100.0	100.0	100.0	
GE 900			94.1	96.7	98.0	99.0	99.0	99.0	99.2	99.3	99.3	99.5	99.7	100.0	100.0	100.0	
GE 800			94.1	96.7	98.0	99.0	99.0	99.0	99.2	99.3	99.3	99.5	99.7	100.0	100.0	100.0	
GE 700			94.1	96.7	98.0	99.0	99.0	99.0	99.2	99.3	99.3	99.5	99.7	100.0	100.0	100.0	
GE 600			94.1	96.7	98.0	99.0	99.0	99.0	99.2	99.3	99.3	99.5	99.7	100.0	100.0	100.0	
GE 500			94.1	96.7	98.0	99.0	99.0	99.0	99.2	99.3	99.3	99.5	99.7	100.0	100.0	100.0	
GE 400			94.1	96.7													

TOTAL NUMBER OF OBSERVATIONS: 732

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE U
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			86.6	91.8	93.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 4500			86.8	91.8	93.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 4000			87.7	92.8	94.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 3500			88.3	93.6	94.8	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 3000			89.7	95.9	97.3	98.9	98.9	99.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2500			90.0	96.3	97.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2000			90.0	96.3	97.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800			90.0	96.3	97.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500			90.0	96.3	97.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200			90.0	96.3	97.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000			90.1	96.4	98.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900			90.1	96.4	98.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800			90.4	96.7	98.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700			90.4	96.7	98.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600			90.4	96.7	98.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500			90.4	96.7	98.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400			90.4	96.7	98.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300			90.4	96.7	98.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200			90.4	96.7	98.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100			90.4	96.7	98.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0			90.4	96.7	98.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 699

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(LST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES														
IN	FEET	GE	GE	GE	GF	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL																
GE	2000															
GE	1800															
GE	1600															
GE	1400															
GE	1200															
GE	1000															
GE	900															
GE	800															
GE	700															
GE	600															
GE	500			82.4	88.1	89.5	90.7	90.8	91.7	91.9	91.9	92.0	92.0	92.0	92.0	92.0
GE	450			82.4	88.1	89.5	90.7	90.8	91.7	91.9	91.9	92.0	92.0	92.0	92.0	92.0
GE	400			83.8	90.3	92.1	93.3	93.5	94.4	94.5	94.5	94.7	94.7	94.7	94.7	94.7
GE	350			84.4	91.1	92.9	94.1	94.3	95.2	95.3	95.3	95.5	95.5	95.5	95.5	95.5
GE	300			87.0	94.1	96.4	97.9	98.0	98.9	99.2	99.2	99.3	99.5	99.5	99.5	99.5
GE	250			87.0	94.1	96.5	98.0	98.1	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7
GE	200			87.3	94.4	96.8	98.3	98.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0
GE	180			87.3	94.4	96.8	98.3	98.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0
GE	150			87.3	94.4	96.8	98.3	98.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0
GE	120			87.3	94.4	96.8	98.3	98.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0
GE	100			87.3	94.4	96.8	98.3	98.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0
GE	90			87.3	94.4	96.8	98.3	98.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0
GE	80			87.3	94.4	96.8	98.3	98.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0
GE	70			87.3	94.4	96.8	98.3	98.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0
GE	60			87.3	94.4	96.8	98.3	98.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0
GE	50			87.3	94.4	96.8	98.3	98.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0
GE	40			87.3	94.4	96.8	98.3	98.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0
GE	30			87.3	94.4	96.8	98.3	98.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0
GE	20			87.3	94.4	96.8	98.3	98.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0
GE	10			87.3	94.4	96.8	98.3	98.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 749

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(IST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES													
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000			82.6	88.2	90.4	91.3	91.3	92.1	92.6	92.7	92.7	92.9	93.0	93.1	93.1
GE 4500			82.6	88.2	90.4	91.3	91.3	92.1	92.6	92.7	92.7	92.9	93.0	93.1	93.1
GE 4000			84.1	89.8	92.2	93.3	93.3	94.0	94.6	94.7	94.7	94.8	94.9	95.1	95.1
GE 3500			84.3	90.0	92.5	93.5	93.5	94.3	94.8	94.9	94.9	95.1	95.2	95.3	95.3
GE 3000			85.6	92.2	94.7	96.0	96.0	97.0	97.5	97.7	97.7	97.8	97.9	98.1	98.1
GE 2500			86.4	92.9	95.3	96.6	96.6	97.7	98.2	98.3	98.3	98.4	98.6	98.7	98.7
GE 2000			86.7	93.1	95.9	97.2	97.2	98.2	98.7	98.8	98.8	99.0	99.1	99.2	99.2
GE 1800			86.7	93.1	95.9	97.2	97.2	98.2	98.7	98.8	98.8	99.0	99.1	99.2	99.2
GE 1500			86.9	93.7	96.4	97.7	97.7	98.7	99.2	99.4	99.4	99.5	99.6	99.7	99.7
GE 1200			86.9	93.7	96.4	97.7	97.7	98.7	99.2	99.4	99.4	99.5	99.6	99.7	99.7
GE 1000			86.9	93.7	96.4	97.7	97.7	98.7	99.2	99.4	99.4	99.5	99.6	99.7	99.7
GE 900			86.9	93.7	96.4	97.7	97.7	98.7	99.2	99.4	99.4	99.5	99.6	99.7	99.7
GE 800			86.9	93.7	96.4	97.7	97.7	98.7	99.2	99.4	99.4	99.5	99.6	99.7	99.7
GE 700			86.9	93.7	96.4	97.7	97.7	98.7	99.2	99.4	99.4	99.5	99.6	99.7	99.7
GE 600			86.9	93.7	96.4	97.7	97.7	98.7	99.2	99.4	99.4	99.5	99.6	99.7	99.7
GE 500			87.0	93.9	96.6	97.9	97.9	99.0	99.5	99.6	99.6	99.7	99.9	100.0	100.0
GE 400			87.0	93.9	96.6	97.9	97.9	99.0	99.5	99.6	99.6	99.7	99.9	100.0	100.0
GE 300			87.0	93.9	96.6	97.9	97.9	99.0	99.5	99.6	99.6	99.7	99.9	100.0	100.0
GE 200			87.0	93.9	96.6	97.9	97.9	99.0	99.5	99.6	99.6	99.7	99.9	100.0	100.0
GE 100			87.0	93.9	96.6	97.9	97.9	99.0	99.5	99.6	99.6	99.7	99.9	100.0	100.0
GE 0			87.0	93.9	96.6	97.9	97.9	99.0	99.5	99.6	99.6	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 772

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			76.0	84.3	87.8	89.9	89.9	90.5	90.5	90.5	90.5	90.8	91.3	91.7	91.7	91.7
GE 4500			76.1	84.4	87.9	90.0	90.0	90.7	90.7	90.7	90.7	90.9	91.4	91.8	91.8	91.8
GE 4000			77.6	86.1	89.9	92.0	92.0	92.7	92.7	92.7	92.7	93.1	93.6	94.0	94.0	94.0
GE 3500			77.7	86.3	90.1	92.2	92.2	93.0	93.0	93.0	93.0	93.4	93.9	94.3	94.3	94.3
GE 3000			79.4	89.4	93.3	95.5	95.5	96.2	96.2	96.2	96.2	96.6	97.1	97.5	97.5	97.5
GE 2500			79.4	89.4	93.3	95.6	95.6	96.4	96.4	96.4	96.4	96.8	97.3	97.8	97.8	97.8
GE 2000			80.0	90.0	93.9	96.2	96.2	97.1	97.1	97.1	97.1	97.5	98.1	98.6	98.6	98.6
GE 1800			80.0	90.0	93.9	96.2	96.2	97.1	97.1	97.1	97.1	97.5	98.1	98.6	98.6	98.6
GE 1500			80.2	90.1	94.2	96.5	96.6	97.5	97.5	97.7	97.7	98.1	98.6	99.1	99.1	99.1
GE 1200			80.2	90.1	94.2	96.5	96.6	97.5	97.5	97.7	97.7	98.1	98.6	99.1	99.1	99.1
GE 1000			80.2	90.1	94.4	96.8	96.9	97.8	97.8	97.9	97.9	98.3	98.8	99.4	99.4	99.4
GE 900			80.2	90.1	94.4	96.8	96.9	97.8	97.8	97.9	97.9	98.3	98.8	99.4	99.4	99.4
GE 800			80.2	90.1	94.6	96.9	97.0	97.9	97.9	98.1	98.1	98.4	99.0	99.5	99.5	99.5
GE 700			80.2	90.1	94.6	96.9	97.0	97.9	97.9	98.1	98.1	98.4	99.0	99.5	99.5	99.5
GE 600			80.2	90.1	94.6	96.9	97.0	97.9	97.9	98.1	98.1	98.4	99.0	99.5	99.5	99.5
GE 500			80.2	90.1	94.6	97.0	97.1	98.1	98.2	98.3	98.3	98.7	99.2	99.7	99.7	99.7
GE 400			80.2	90.1	94.6	97.0	97.1	98.1	98.2	98.3	98.3	98.8	99.4	99.9	99.9	99.9
GE 300			80.2	90.1	94.6	97.0	97.1	98.1	98.2	98.3	98.3	98.8	99.4	99.9	99.9	99.9
GE 200			80.2	90.1	94.6	97.0	97.1	98.1	98.2	98.3	98.3	98.8	99.4	99.9	99.9	99.9
GE 100			80.2	90.1	94.6	97.0	97.1	98.1	98.2	98.3	98.3	98.8	99.4	99.9	99.9	100.0
GE 0			80.2	90.1	94.6	97.0	97.1	98.1	98.2	98.3	98.3	98.8	99.4	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 771

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(IST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL																		
GE 20000																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
GE 10000																		
GE 9000																		
GE 8000																		
GE 7000																		
GE 6000																		
GE 5000			67.3	77.4	81.2	83.9	84.1	84.8	85.2	85.3	85.3	85.5	85.6	86.3	86.6	88.7		
GE 4500			69.3	77.4	81.2	83.9	84.1	84.8	85.2	85.3	85.3	85.5	85.6	86.3	86.6	88.7		
GE 4000			71.5	80.3	84.2	87.0	87.2	87.9	88.4	88.6	88.6	88.7	88.9	89.6	89.8	92.0		
GE 3500			71.8	80.5	84.6	87.4	87.6	88.3	88.9	89.0	89.0	89.1	89.3	90.0	90.3	92.4		
GE 3000			74.2	84.3	88.7	91.5	91.7	92.4	92.9	93.1	93.1	93.2	93.4	94.1	94.4	96.5		
GE 2500			74.5	84.8	89.1	92.1	92.2	92.9	93.5	93.7	93.7	93.8	93.9	94.6	94.9	97.0		
GE 2000			74.8	85.0	89.4	92.4	92.5	93.4	93.9	94.2	94.2	94.4	94.5	95.2	95.5	97.6		
GE 1800			74.6	85.0	89.4	92.4	92.5	93.4	93.9	94.2	94.2	94.4	94.5	95.2	95.5	97.6		
GE 1500			75.0	85.3	89.8	92.8	92.9	93.8	94.4	94.6	94.6	94.8	94.9	95.6	96.1	98.2		
GE 1200			75.0	85.3	89.8	92.8	92.9	93.8	94.4	94.6	94.6	94.8	94.9	95.6	96.1	98.2		
GE 1000			75.0	85.3	90.0	92.9	93.1	93.9	94.5	94.8	94.8	94.9	95.2	95.9	96.3	98.4		
GE 900			75.0	85.3	90.0	92.9	93.1	93.9	94.5	94.8	94.8	94.9	95.2	95.9	96.3	98.4		
GE 800			75.4	85.6	90.3	93.2	93.4	94.2	94.8	95.1	95.1	95.2	95.5	96.2	96.6	98.7		
GE 700			75.2	85.6	90.3	93.2	93.4	94.2	94.8	95.1	95.1	95.2	95.5	96.2	96.6	98.7		
GE 600			75.2	85.6	90.3	93.2	93.4	94.2	94.8	95.1	95.1	95.2	95.5	96.2	96.6	98.7		
GE 500			75.2	85.8	90.4	93.5	93.7	94.5	95.1	95.3	95.3	95.5	95.8	96.5	96.9	99.2		
GE 400			75.2	85.8	90.4	93.5	93.7	94.5	95.1	95.3	95.3	95.5	95.8	96.5	96.9	99.2		
GE 300			75.2	85.8	90.4	93.5	93.7	94.5	95.1	95.3	95.3	95.5	95.8	96.5	96.9	99.2		
GE 200			75.2	85.8	90.4	93.5	93.7	94.5	95.1	95.3	95.3	95.5	95.8	96.5	96.9	99.2		
GE 100			75.2	85.8	90.4	93.5	93.7	94.5	95.1	95.3	95.3	95.5	95.8	96.6	97.2	99.9		
GE 0			75.2	85.8	90.4	93.5	93.7	94.5	95.1	95.3	95.3	95.5	95.8	96.6	97.2	100.0		

TOTAL NUMBER OF OBSERVATIONS: 709

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			83.0	88.3	90.1	92.1	92.1	92.3	92.5	92.5	92.5	92.5	92.8	92.8	93.2	93.2	95.0
GE 4500			83.0	88.3	90.1	92.1	92.1	92.3	92.5	92.5	92.5	92.5	92.8	92.8	93.2	93.2	95.0
GE 4000			83.3	88.6	90.5	92.5	92.5	92.7	92.9	92.9	92.9	92.9	93.2	93.2	93.6	93.6	95.4
GE 3500			83.3	88.9	90.8	92.8	92.8	92.9	93.2	93.2	93.2	93.2	93.5	93.5	93.9	93.9	95.7
GE 3000			85.3	91.0	92.9	95.0	95.0	95.1	95.4	95.5	95.5	95.5	95.8	95.8	96.2	96.2	98.0
GE 2500			85.8	91.5	93.4	95.4	95.4	95.5	95.8	95.9	95.9	96.2	96.2	96.2	96.6	96.6	98.4
GE 2000			86.3	92.0	93.9	95.9	95.9	96.2	96.5	96.6	96.6	96.6	96.9	96.9	97.3	97.3	99.1
GE 1800			86.3	92.0	93.9	95.9	95.9	96.2	96.5	96.6	96.6	96.6	96.9	96.9	97.3	97.3	99.1
GE 1500			86.3	92.0	93.9	95.9	95.9	96.2	96.5	96.6	96.6	96.6	96.9	96.9	97.3	97.3	99.1
GE 1200			86.3	92.0	93.9	95.9	95.9	96.2	96.5	96.6	96.6	96.6	96.9	96.9	97.3	97.3	99.1
GE 1000			86.3	92.1	94.0	96.1	96.1	96.3	96.6	96.7	96.7	97.0	97.0	97.4	97.4	99.2	
GE 900			86.3	92.1	94.0	96.1	96.1	96.3	96.6	96.7	96.7	97.0	97.0	97.4	97.4	99.2	
GE 800			86.3	92.1	94.0	96.1	96.1	96.3	96.6	96.7	96.7	97.0	97.0	97.4	97.4	99.2	
GE 700			86.3	92.1	94.0	96.1	96.1	96.3	96.6	96.7	96.7	97.0	97.0	97.4	97.4	99.2	
GE 600			86.3	92.1	94.0	96.1	96.1	96.3	96.6	96.7	96.7	97.0	97.0	97.4	97.4	99.2	
GE 500			86.3	92.1	94.0	96.1	96.1	96.3	96.6	96.7	96.7	97.0	97.0	97.4	97.4	99.2	
GE 400			86.3	92.1	94.0	96.1	96.1	96.3	96.6	96.7	96.7	97.0	97.0	97.4	97.4	99.2	
GE 300			86.3	92.1	94.0	96.1	96.1	96.3	96.6	96.7	96.7	97.0	97.0	97.4	97.4	99.2	
GE 200			86.3	92.1	94.0	96.1	96.1	96.3	96.6	96.7	96.7	97.0	97.0	97.4	97.4	99.5	
GE 100			86.3	92.1	94.0	96.1	96.1	96.3	96.6	96.7	96.7	97.0	97.0	97.4	97.4	99.6	
GE 0			86.3	92.1	94.0	96.1	96.1	96.3	96.6	96.7	96.7	97.0	97.0	97.4	97.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 737

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404167 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(IST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 714

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	1 1/2	1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			83.7	88.0	89.4	90.5	90.6	91.2	91.7	91.9	91.9	92.1	92.4	92.5	92.5	93.1
GE 4500			83.7	88.1	89.5	90.6	90.7	91.3	91.7	92.0	92.0	92.2	92.5	92.6	92.6	93.1
GE 4000			86.0	90.6	92.2	93.4	93.5	94.1	94.6	94.9	94.9	95.1	95.3	95.5	95.5	96.0
GE 3500			86.3	91.0	92.6	93.8	93.9	94.6	95.0	95.3	95.3	95.5	95.8	95.9	95.9	96.4
GE 3000			88.2	93.2	94.9	96.3	96.4	97.1	97.6	97.9	97.9	98.1	98.4	98.5	98.5	99.1
GE 2500			88.4	93.4	95.1	96.5	96.6	97.3	97.8	98.1	98.1	98.4	98.6	98.8	98.8	99.3
GE 2000			88.6	93.7	95.3	96.8	96.9	97.6	98.1	98.4	98.4	98.6	98.9	99.1	99.1	99.6
GE 1800			88.6	93.7	95.3	96.8	96.8	97.6	98.1	98.4	98.4	98.6	98.9	99.1	99.1	99.6
GE 1500			88.6	93.7	95.4	96.8	96.9	97.7	98.1	98.4	98.4	98.7	98.9	99.1	99.1	99.6
GE 1200			88.6	93.7	95.4	96.8	96.9	97.7	98.2	98.4	98.5	98.7	99.0	99.1	99.1	99.6
GE 1000			88.7	93.7	95.4	96.8	96.9	97.7	98.2	98.5	98.5	98.7	99.0	99.2	99.2	99.7
GE 900			88.7	93.7	95.4	96.8	96.9	97.7	98.2	98.5	98.5	98.7	99.0	99.2	99.2	99.7
GE 800			88.7	93.8	95.5	96.9	97.0	97.8	98.3	98.6	98.6	98.8	99.1	99.2	99.2	99.8
GE 700			88.7	93.8	95.5	96.9	97.0	97.8	98.3	98.6	98.6	98.8	99.1	99.2	99.2	99.8
GE 600			88.7	93.8	95.5	96.9	97.0	97.8	98.3	98.6	98.6	98.8	99.1	99.2	99.2	99.8
GE 500			88.7	93.8	95.5	96.9	97.0	97.8	98.3	98.6	98.6	98.8	99.1	99.2	99.2	99.8
GE 400			88.7	93.8	95.5	96.9	97.0	97.8	98.3	98.6	98.6	98.8	99.1	99.3	99.3	99.8
GE 300			88.7	93.8	95.5	96.9	97.0	97.8	98.3	98.6	98.6	98.8	99.1	99.3	99.3	99.8
GE 200			88.7	93.8	95.5	96.9	97.0	97.8	98.3	98.6	98.6	98.8	99.1	99.3	99.3	99.8
GE 100			88.7	93.8	95.5	96.9	97.0	97.8	98.3	98.6	98.6	98.8	99.1	99.3	99.3	99.8
GE 0			88.7	93.8	95.5	96.9	97.0	97.8	98.3	98.6	98.6	98.8	99.1	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 6554

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(IST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL																	
GE 20000																	
GE 19000																	
GE 18000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			90.1	92.9	93.7	94.4	94.5	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
GE 4500			90.1	92.9	93.7	94.4	94.5	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
GE 4000			91.8	94.6	95.4	96.1	96.2	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
GE 3500			91.8	94.6	95.4	96.1	96.2	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
GE 3000			93.2	96.1	96.8	97.6	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 2500			93.7	96.6	97.3	98.0	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 2000			94.4	97.3	98.0	98.8	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 1800			94.4	97.3	98.0	98.8	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 1500			94.4	97.3	98.0	98.8	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 1200			94.5	97.4	98.2	98.9	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1000			94.6	97.6	98.3	99.0	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 900			94.6	97.6	98.3	99.0	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 800			94.6	97.6	98.3	99.0	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 700			94.6	97.6	98.3	99.0	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 600			94.6	97.6	98.3	99.0	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 500			94.6	97.6	98.3	99.0	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 400			94.7	97.7	98.4	99.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 300			94.7	97.7	98.4	99.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 200			94.7	97.7	98.4	99.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 100			94.7	97.7	98.4	99.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 0			94.7	97.7	98.4	99.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 819

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JAN HOURS (LST): 1200-2000

CEILING		VISIBILITY IN STATUTE MILES														
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000				89.3	93.3	93.6	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 4500				89.5	93.4	93.7	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 4000				91.6	95.8	96.0	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3500				91.7	96.0	96.4	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3000				93.4	97.9	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2500				93.6	98.0	98.6	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2000				93.7	98.3	98.9	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800				93.7	98.3	98.9	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500				93.7	98.3	98.9	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200				93.7	98.3	98.9	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000				93.8	98.4	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900				93.9	98.5	99.1	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800				93.9	98.5	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700				93.9	98.5	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600				93.9	98.5	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500				93.9	98.5	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400				93.9	98.5	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300				93.9	98.5	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200				93.9	98.5	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100				93.9	98.5	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0				93.9	98.5	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHPAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(LST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES														
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000																
GE 4500																
GE 4000																
GE 3500																
GE 3000																
GE 2500																
GE 2000																
GE 1800																
GE 1600																
GE 1400																
GE 1200																
GE 1000																
GE 900																
GE 800																
GE 700																
GE 600																
GE 500																
GE 400																
GE 300																
GE 200																
GE 100																
GE 0																

TOTAL NUMBER OF OBSERVATIONS: 958

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			83.1	88.0	89.3	90.3	90.4	91.5	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 4500			83.1	88.0	89.3	90.3	90.4	91.5	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 4000			86.0	91.5	92.8	93.9	94.0	95.4	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 3500			86.4	92.0	93.3	94.4	94.5	95.9	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3000			88.3	94.2	95.7	96.8	96.9	98.5	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2500			88.5	94.5	95.9	97.1	97.2	98.7	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000			88.6	94.6	96.0	97.2	97.3	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800			88.6	94.6	96.0	97.2	97.3	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500			88.6	94.6	96.0	97.2	97.3	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200			88.6	94.6	96.0	97.2	97.3	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000			88.6	94.6	96.0	97.2	97.3	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900			88.6	94.6	96.0	97.2	97.3	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800			88.6	94.6	96.0	97.2	97.3	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700			88.6	94.6	96.0	97.2	97.3	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600			88.6	94.6	96.0	97.2	97.3	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500			88.6	94.6	96.0	97.2	97.3	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400			88.6	94.6	96.0	97.2	97.3	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300			88.6	94.6	96.0	97.2	97.3	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200			88.6	94.6	96.0	97.2	97.3	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100			88.6	94.6	96.0	97.2	97.3	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0			88.6	94.6	96.0	97.2	97.3	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 852

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(IST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			77.1	83.6	86.4	88.4	88.5	88.9	89.9	90.6	90.6	91.0	91.2	91.2	91.2	91.3
GE 4500			77.3	83.8	86.5	88.6	88.7	89.2	90.3	91.0	91.0	91.3	91.5	91.5	91.5	91.6
GE 4000			79.5	86.4	89.3	91.8	91.9	92.3	93.5	94.2	94.2	94.5	94.8	94.8	94.8	94.9
GE 3500			80.0	87.1	90.0	92.5	92.6	93.0	94.2	94.9	94.9	95.2	95.5	95.5	95.5	95.6
GE 3000			82.8	90.5	93.5	96.3	96.4	97.0	98.1	98.8	98.8	99.2	99.4	99.4	99.4	99.5
GE 2500			82.8	90.5	93.5	96.3	96.5	97.1	98.3	99.0	99.0	99.3	99.5	99.5	99.5	99.7
GE 2000			82.8	90.5	93.5	96.3	96.5	97.2	98.4	99.1	99.1	99.4	99.7	99.7	99.7	99.8
GE 1800			82.8	90.5	93.5	96.3	96.5	97.2	98.4	99.1	99.1	99.4	99.7	99.7	99.7	99.8
GE 1500			82.8	90.5	93.5	96.3	96.5	97.2	98.4	99.1	99.1	99.4	99.7	99.7	99.7	99.8
GE 1200			82.8	90.5	93.5	96.3	96.5	97.2	98.4	99.1	99.1	99.4	99.7	99.7	99.7	99.8
GE 1000			82.9	90.6	93.6	96.4	96.6	97.4	98.6	99.3	99.3	99.7	99.9	99.9	99.9	100.0
GE 900			82.9	90.6	93.6	96.4	96.6	97.4	98.6	99.3	99.3	99.7	99.9	99.9	99.9	100.0
GE 800			82.9	90.6	93.6	96.4	96.6	97.4	98.6	99.3	99.3	99.7	99.9	99.9	99.9	100.0
GE 700			82.9	90.6	93.6	96.4	96.6	97.4	98.6	99.3	99.3	99.7	99.9	99.9	99.9	100.0
GE 600			82.9	90.6	93.6	96.4	96.6	97.4	98.6	99.3	99.3	99.7	99.9	99.9	99.9	100.0
GE 500			82.9	90.6	93.6	96.4	96.6	97.4	98.6	99.3	99.3	99.7	99.9	99.9	99.9	100.0
GE 400			82.9	90.6	93.6	96.4	96.6	97.4	98.6	99.3	99.3	99.7	99.9	99.9	99.9	100.0
GE 300			82.9	90.6	93.6	96.4	96.6	97.4	98.6	99.3	99.3	99.7	99.9	99.9	99.9	100.0
GE 200			82.9	90.6	93.6	96.4	96.6	97.4	98.6	99.3	99.3	99.7	99.9	99.9	99.9	100.0
GE 100			82.9	90.6	93.6	96.4	96.6	97.4	98.6	99.3	99.3	99.7	99.9	99.9	99.9	100.0
GE 01			82.9	90.6	93.6	96.4	96.6	97.4	98.6	99.3	99.3	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 862

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(157): ALL

CEILING		VISIBILITY IN STATUTE MILES														
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000				82.1	87.6	89.7	91.1	91.2	91.7	92.0	92.0	92.0	92.2	92.4	92.7	92.7
GE 4500				82.1	87.7	89.7	91.2	91.2	91.7	92.0	92.0	92.0	92.2	92.4	92.7	92.7
GE 4000				83.3	89.1	91.3	92.8	92.8	93.4	93.7	93.7	93.7	93.9	94.1	94.4	94.4
GE 3500				83.5	89.4	91.7	93.2	93.2	93.8	94.1	94.2	94.2	94.4	94.5	94.8	94.9
GE 3000				85.5	92.0	94.4	96.0	96.1	96.7	97.0	97.1	97.1	97.3	97.5	97.8	97.8
GE 2500				85.6	92.4	94.7	96.4	96.4	97.1	97.4	97.5	97.5	97.7	97.9	98.2	98.2
GE 2000				86.1	92.7	95.1	96.8	96.8	97.5	97.8	97.9	97.9	98.1	98.3	98.6	98.6
GE 1800				86.1	92.7	95.1	96.8	96.8	97.5	97.8	97.9	97.9	98.1	98.3	98.6	98.6
GE 1500				86.2	92.8	95.3	96.9	97.0	97.6	98.0	98.1	98.1	98.3	98.5	98.8	98.8
GE 1200				86.2	92.8	95.3	96.9	97.0	97.6	98.0	98.1	98.1	98.3	98.5	98.8	98.8
GE 1000				86.2	92.8	95.3	97.0	97.1	97.7	98.1	98.2	98.2	98.4	98.6	98.9	98.9
GE 900				86.2	92.8	95.3	97.0	97.1	97.7	98.1	98.2	98.2	98.4	98.6	98.9	98.9
GE 800				86.2	92.9	95.4	97.1	97.1	97.8	98.2	98.3	98.3	98.5	98.7	99.0	99.0
GE 700				86.2	92.9	95.4	97.1	97.1	97.8	98.2	98.3	98.3	98.5	98.7	99.0	99.0
GE 600				86.2	92.9	95.4	97.1	97.1	97.8	98.2	98.3	98.3	98.5	98.7	99.0	99.0
GE 500				86.2	93.0	95.5	97.2	97.2	97.9	98.3	98.4	98.4	98.6	98.8	99.1	99.1
GE 400				86.2	93.0	95.5	97.2	97.2	97.9	98.3	98.4	98.4	98.6	98.8	99.1	99.2
GE 300				86.2	93.0	95.5	97.2	97.2	97.9	98.3	98.4	98.4	98.6	98.8	99.1	99.2
GE 200				86.2	93.0	95.5	97.2	97.2	97.9	98.3	98.4	98.4	98.6	98.8	99.1	99.2
GE 100				86.2	93.0	95.5	97.2	97.2	97.9	98.3	98.4	98.4	98.6	98.8	99.1	99.2
GE 0				86.2	93.0	95.5	97.2	97.2	97.9	98.3	98.4	98.4	98.6	98.8	99.1	99.2

TOTAL NUMBER OF OBSERVATIONS: 5863

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(IST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE U
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 828

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(IST): 0100-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			85.7	89.5	90.5	91.3	91.3	91.7	92.0	92.1	92.1	92.3	92.6	92.8	92.8	93.7	
GE 4500			86.1	89.8	90.9	91.6	91.6	92.1	92.3	92.5	92.5	92.7	92.9	93.2	93.2	94.0	
GE 4000			87.3	91.0	92.2	92.9	92.9	93.4	93.7	93.8	93.8	94.0	94.3	94.5	94.5	95.3	
GE 3500			87.7	91.4	92.6	93.3	93.3	93.8	94.0	94.1	94.1	94.4	94.6	94.9	94.9	95.7	
GE 3000			89.8	94.0	95.2	96.0	96.0	96.6	97.1	97.2	97.2	97.5	97.7	98.0	98.0	98.6	
GE 2500			89.8	94.3	95.6	96.4	96.4	97.0	97.5	97.6	97.6	97.8	98.1	98.3	98.3	99.2	
GE 2000			89.8	94.3	95.6	96.4	96.4	97.0	97.5	97.6	97.6	97.8	98.1	98.3	98.3	99.2	
GE 1800			87.8	94.3	95.6	96.4	96.4	97.0	97.5	97.6	97.6	97.8	98.1	98.3	98.3	99.2	
GE 1500			89.8	94.3	95.7	96.5	96.5	97.1	97.6	97.7	97.7	98.0	98.2	98.4	98.4	99.3	
GE 1200			89.9	94.4	95.8	96.6	96.6	97.2	97.7	97.8	97.8	98.1	98.3	98.6	98.6	99.4	
GE 1000			89.9	94.4	95.8	96.6	96.6	97.2	97.7	97.8	97.8	98.2	98.4	98.7	98.7	99.5	
GE 900			89.9	94.4	95.8	96.6	96.6	97.2	97.7	97.8	97.8	98.2	98.4	98.7	98.7	99.5	
GE 800			89.9	94.4	95.8	96.6	96.6	97.2	97.7	97.8	97.8	98.2	98.4	98.7	98.7	99.5	
GE 700			89.9	94.4	95.8	96.6	96.6	97.2	97.7	97.8	97.8	98.2	98.4	98.7	98.7	99.5	
GE 600			89.9	94.4	95.8	96.6	96.6	97.2	97.7	97.8	97.8	98.2	98.4	98.7	98.7	99.5	
GE 500			89.9	94.4	95.8	96.6	96.6	97.2	97.7	97.8	97.8	98.2	98.4	98.7	98.7	99.5	
GE 400			89.9	94.4	95.8	96.6	96.6	97.2	97.7	97.8	97.8	98.2	98.4	98.7	98.7	99.5	
GE 300			90.1	94.5	95.9	96.8	96.8	97.4	97.8	98.0	98.0	98.3	98.6	98.8	98.8	99.6	
GE 200			90.1	94.5	95.9	96.8	96.8	97.4	97.8	98.0	98.0	98.3	98.6	98.8	98.8	99.6	
GE 100			90.1	94.5	95.9	96.8	96.8	97.4	97.8	98.0	98.0	98.3	98.6	98.8	98.8	99.6	
GE 0			90.1	94.5	95.9	96.8	96.8	97.4	97.8	98.0	98.0	98.3	98.6	98.8	98.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 835

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(IST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FELT	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	1/8	0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000	74.0	81.2	83.9	86.2	86.6	87.7	88.5	88.8	88.8	89.0	89.1	89.5	89.5	89.5	90.2		
GE 4500	74.1	81.3	84.0	86.4	86.7	87.9	88.6	89.0	89.0	89.1	89.2	89.6	89.6	89.6	90.3		
GE 4000	76.2	83.6	86.5	88.8	89.2	90.3	91.1	91.4	91.4	91.6	91.7	92.1	92.1	92.1	92.8		
GE 3500	77.2	84.6	87.5	89.8	90.2	91.3	92.1	92.4	92.4	92.6	92.7	93.1	93.1	93.1	93.8		
GE 3000	80.5	88.7	91.6	93.9	94.3	95.4	96.3	96.7	96.7	96.8	96.9	97.3	97.3	97.3	98.0		
GE 2500	80.8	89.1	91.9	94.3	94.7	95.8	96.8	97.1	97.1	97.3	97.4	97.8	97.8	97.8	98.5		
GE 2000	80.9	89.3	92.2	94.5	94.9	96.0	97.0	97.4	97.4	97.5	97.6	98.0	98.0	98.0	98.8		
GE 1800	80.9	89.3	92.2	94.5	94.9	96.0	97.0	97.4	97.4	97.5	97.6	98.0	98.0	98.0	98.8		
GE 1500	80.9	89.5	92.3	94.7	95.0	96.3	97.3	97.6	97.6	97.8	97.9	98.3	98.3	98.3	99.0		
GE 1200	80.9	89.5	92.3	94.7	95.0	96.3	97.3	97.6	97.6	97.8	97.9	98.3	98.3	98.3	99.0		
GE 1000	81.0	90.0	92.8	95.2	95.5	96.8	97.8	98.1	98.1	98.3	98.4	98.8	98.8	98.8	99.5		
GE 900	81.0	90.0	92.8	95.2	95.5	96.8	97.8	98.1	98.1	98.3	98.4	98.8	98.8	98.8	99.5		
GE 800	81.2	90.1	92.9	95.3	95.7	96.9	97.9	98.3	98.3	98.4	98.5	98.9	98.9	98.9	99.6		
GE 700	81.2	90.1	92.9	95.3	95.7	96.9	97.9	98.3	98.3	98.4	98.5	98.9	98.9	98.9	99.6		
GE 600	81.2	90.1	92.9	95.3	95.7	96.9	97.9	98.3	98.3	98.4	98.5	98.9	98.9	98.9	99.6		
GE 500	81.3	90.2	93.1	95.4	95.8	97.0	98.0	98.4	98.4	98.5	98.6	99.0	99.0	99.0	99.8		
GE 400	81.3	90.2	93.1	95.4	95.8	97.0	98.0	98.4	98.4	98.5	98.6	99.0	99.0	99.0	99.8		
GE 300	81.4	90.3	93.2	95.5	95.9	97.1	98.1	98.5	98.5	98.6	98.8	99.1	99.1	99.1	99.9		
GE 200	81.4	90.3	93.2	95.5	95.9	97.1	98.1	98.5	98.5	98.6	98.8	99.1	99.1	99.1	99.9		
GE 100	81.4	90.3	93.2	95.5	95.9	97.1	98.1	98.5	98.5	98.6	98.8	99.1	99.1	99.1	99.9		
GE 00	81.4	90.3	93.2	95.5	95.9	97.1	98.1	98.5	98.5	98.6	98.8	99.1	99.1	99.1	100.0		

TOTAL NUMBER OF OBSERVATIONS: 907

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000				79.3	84.8	87.1	88.8	89.0	90.1	91.0	91.9	91.9	91.9	92.2	92.3	92.4
GE 4500				79.3	84.8	87.1	88.8	89.0	90.1	91.0	91.9	91.9	91.9	92.2	92.3	92.4
GE 4000				81.3	87.1	89.5	91.3	91.4	92.6	93.5	94.3	94.3	94.7	94.8	94.9	94.9
GE 3500				82.0	87.8	91.2	92.0	92.1	93.3	94.2	95.0	95.0	95.3	95.5	95.6	95.7
GE 3000				83.8	90.2	92.8	94.8	94.9	96.0	97.1	97.9	97.9	98.3	98.5	98.6	98.7
GE 2500				83.8	90.2	92.8	95.0	95.1	96.3	97.3	98.1	98.1	98.5	98.7	98.8	99.0
GE 2000				84.0	90.5	93.0	95.2	95.3	96.5	97.6	98.4	98.4	98.7	99.0	99.1	99.2
GE 1800				84.0	90.5	93.1	95.3	95.5	96.6	97.7	98.5	98.5	98.8	99.1	99.2	99.3
GE 1500				84.0	90.6	93.3	95.5	95.6	96.9	98.0	98.8	98.8	99.2	99.4	99.5	99.7
GE 1200				84.0	90.6	93.3	95.5	95.6	96.9	98.0	98.8	98.8	99.2	99.4	99.5	99.7
GE 1000				84.0	90.6	93.3	95.5	95.6	96.9	98.0	98.8	98.8	99.2	99.4	99.5	99.7
GE 900				84.0	90.6	93.3	95.5	95.6	96.9	98.0	98.8	98.8	99.2	99.4	99.5	99.7
GE 800				84.0	90.6	93.3	95.5	95.6	96.9	98.1	99.0	99.0	99.3	99.5	99.7	99.8
GE 700				84.0	90.6	93.3	95.5	95.6	96.9	98.1	99.0	99.0	99.3	99.5	99.7	99.8
GE 600				84.0	90.6	93.3	95.5	95.6	96.9	98.1	99.0	99.0	99.3	99.5	99.7	99.8
GE 500				84.0	90.7	93.5	95.7	95.8	97.1	98.4	99.2	99.2	99.5	99.8	99.9	100.0
GE 400				84.0	90.7	93.5	95.7	95.8	97.1	98.4	99.2	99.2	99.5	99.8	99.9	100.0
GE 300				84.0	90.7	93.5	95.7	95.8	97.1	98.4	99.2	99.2	99.5	99.8	99.9	100.0
GE 200				84.0	90.7	93.5	95.7	95.8	97.1	98.4	99.2	99.2	99.5	99.8	99.9	100.0
GE 100				84.0	90.7	93.5	95.7	95.8	97.1	98.4	99.2	99.2	99.5	99.8	99.9	100.0
GE 0				84.0	90.7	93.5	95.7	95.8	97.1	98.4	99.2	99.2	99.5	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 860

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			78.4	84.3	86.7	88.0	88.0	89.2	90.1	90.3	90.5	91.1	91.1	91.1	91.1	91.1	91.1
GE 4500			78.5	84.4	86.8	88.1	88.1	89.4	90.2	90.4	90.6	91.2	91.2	91.2	91.2	91.2	91.2
GE 4000			80.5	86.5	88.9	90.2	90.2	91.5	92.3	92.5	92.7	93.3	93.3	93.3	93.3	93.3	93.3
GE 3500			80.8	87.0	89.4	90.6	90.6	91.9	92.7	93.0	93.2	93.8	93.8	93.8	93.8	93.8	93.8
GE 3000			83.7	91.0	93.6	95.1	95.1	96.5	97.3	97.5	97.8	98.4	98.4	98.4	98.4	98.4	98.4
GE 2500			84.1	91.3	93.9	95.6	95.6	97.0	97.8	98.0	98.2	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000			84.1	91.3	93.9	95.6	95.6	97.0	97.8	98.0	98.2	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800			84.1	91.3	93.9	95.6	95.6	97.0	97.8	98.0	98.2	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500			84.2	91.5	94.0	95.8	95.8	97.2	98.0	98.2	98.5	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200			84.3	91.6	94.2	95.9	95.9	97.3	98.1	98.4	98.6	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000			84.3	91.8	94.4	96.1	96.1	97.7	98.5	98.7	98.9	99.8	99.8	99.8	99.8	99.8	99.8
GE 900			84.3	91.8	94.4	96.1	96.1	97.7	98.5	98.7	98.9	99.8	99.8	99.8	99.8	99.8	99.8
GE 800			84.3	91.8	94.4	96.1	96.1	97.7	98.5	98.7	98.9	99.8	99.8	99.8	99.8	99.8	99.8
GE 700			84.3	91.8	94.4	96.1	96.1	97.7	98.5	98.7	98.9	99.8	99.8	99.8	99.8	99.8	99.8
GE 600			84.3	91.8	94.4	96.1	96.1	97.7	98.5	98.7	98.9	99.8	99.8	99.8	99.8	99.8	99.8
GE 500			84.3	91.9	94.6	96.4	96.4	97.9	98.7	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE 400			84.3	91.9	94.6	96.4	96.4	97.9	98.7	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE 300			84.3	91.9	94.6	96.4	96.4	97.9	98.7	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE 200			84.3	91.9	94.6	96.4	96.4	97.9	98.7	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE 100			84.3	91.9	94.6	96.4	96.4	97.9	98.7	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE	01		84.3	91.9	94.6	96.4	96.4	97.9	98.7	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 855

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE n																	

TOTAL NUMBER OF OBSERVATIONS: 362

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(IST): 1900-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000		89.6	92.0	92.7	93.7	93.7	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6
GE	4500		89.6	92.0	92.7	93.7	93.7	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6
GE	4000		91.2	93.5	94.4	95.4	95.4	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0
GE	3500		91.5	93.9	94.8	95.7	95.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3
GE	3000		93.1	96.2	97.1	98.1	98.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8
GE	2500		93.1	96.2	97.1	98.1	98.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8
GE	2000		93.1	96.2	97.2	98.2	98.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE	1800		93.1	96.2	97.2	98.2	98.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE	1500		93.1	96.2	97.2	98.2	98.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE	1200		93.1	96.2	97.2	98.2	98.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE	1000		93.1	96.2	97.2	98.2	98.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE	900		93.1	96.2	97.2	98.2	98.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE	800		93.1	96.2	97.2	98.2	98.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE	700		93.1	96.2	97.2	98.2	98.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE	600		93.1	96.2	97.2	98.2	98.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE	500		93.1	96.2	97.2	98.2	98.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE	400		93.1	96.2	97.2	98.2	98.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE	300		93.1	96.2	97.2	98.2	98.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE	200		93.1	96.2	97.2	98.2	98.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE	100		93.1	96.2	97.2	98.2	98.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE	0		93.1	96.2	97.2	98.2	98.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 421

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL 1																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			82.9	87.5	89.1	90.4	90.5	91.2	91.7	92.0	92.0	92.2	92.2	92.4	92.4	92.7	
GE 4500			83.0	87.6	89.1	90.5	90.6	91.3	91.8	92.1	92.1	92.3	92.3	92.4	92.4	92.8	
GE 4000			84.7	89.4	91.1	92.4	92.5	93.3	93.9	94.1	94.1	94.4	94.4	94.6	94.6	94.9	
GE 3500			85.2	90.0	91.6	93.0	93.1	93.9	94.5	94.7	94.7	95.0	95.0	95.1	95.1	95.5	
GE 3000			87.5	92.9	94.7	96.1	96.2	97.1	97.7	98.0	98.0	98.3	98.4	98.5	98.5	98.8	
GE 2500			87.7	93.2	95.0	96.5	96.6	97.5	98.1	98.4	98.4	98.7	98.8	98.9	98.9	99.2	
GE 2000			87.9	93.4	95.2	96.7	96.8	97.7	98.3	98.6	98.6	98.9	99.0	99.1	99.1	99.4	
GE 1800			87.9	93.4	95.2	96.7	96.8	97.7	98.3	98.6	98.6	98.9	99.0	99.1	99.1	99.4	
GE 1500			87.9	93.5	95.3	96.8	96.9	97.8	98.5	98.7	98.7	99.0	99.1	99.2	99.2	99.6	
GE 1200			87.9	93.5	95.3	96.8	96.9	97.9	98.5	98.8	98.8	99.1	99.2	99.3	99.3	99.6	
GE 1000			87.9	93.6	95.4	96.9	97.0	98.0	98.6	98.9	98.9	99.2	99.3	99.4	99.4	99.8	
GE 900			87.9	93.6	95.4	96.9	97.0	98.0	98.6	98.9	98.9	99.2	99.3	99.4	99.4	99.8	
GE 800			88.0	93.6	95.4	96.9	97.0	98.0	98.7	98.9	98.9	99.0	99.3	99.4	99.5	99.8	
GE 700			88.0	93.6	95.4	96.9	97.0	98.0	98.7	98.9	98.9	99.0	99.3	99.4	99.5	99.8	
GE 600			88.0	93.6	95.4	96.9	97.0	98.0	98.7	98.9	98.9	99.0	99.3	99.4	99.5	99.8	
GE 500			88.0	93.7	95.5	97.0	97.1	98.1	98.7	99.0	99.0	99.3	99.4	99.5	99.5	99.9	
GE 400			88.0	93.7	95.5	97.0	97.1	98.1	98.7	99.0	99.0	99.3	99.4	99.6	99.6	99.9	
GE 300			88.0	93.7	95.5	97.1	97.2	98.1	98.8	99.1	99.1	99.4	99.5	99.6	99.6	99.9	
GE 200			88.0	93.7	95.5	97.1	97.2	98.1	98.8	99.1	99.1	99.4	99.5	99.6	99.6	99.9	
GE 100			88.0	93.7	95.5	97.1	97.2	98.1	98.8	99.1	99.1	99.4	99.5	99.6	99.6	99.9	
GE 0			88.0	93.7	95.5	97.1	97.2	98.1	98.8	99.1	99.1	99.4	99.5	99.6	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 6661

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 75-64
MONTH: APR HOURS(LST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			93.9	96.9	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 4500			93.9	96.9	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 4000			94.9	97.9	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 3500			95.0	98.0	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 3000			95.8	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500			95.8	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000			95.8	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800			95.6	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500			95.8	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200			95.8	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000			95.8	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900			95.8	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800			95.8	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700			95.8	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600			95.8	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500			95.8	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400			95.8	98.8	99.6											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000				91.3	94.7	95.9	96.7	96.8	97.2	97.3	97.6	97.7	97.7	97.7	97.7	97.7	98.0
GE 4500				91.3	94.7	95.9	96.7	96.8	97.2	97.3	97.6	97.7	97.7	97.7	97.7	97.7	98.0
GE 4000				91.6	95.1	96.3	97.1	97.2	97.6	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.4
GE 3500				92.0	95.4	96.7	97.5	97.6	98.0	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.7
GE 3000				92.9	96.3	97.6	98.4	98.5	98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.6
GE 2500				93.2	96.6	97.8	98.6	98.7	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.9
GE 2000				93.2	96.6	97.8	98.6	98.7	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.9
GE 1800				93.2	96.6	97.8	98.6	98.7	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.9
GE 1500				93.2	96.6	97.8	98.6	98.7	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.9
GE 1200				93.2	96.6	97.8	98.6	98.7	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.9
GE 1000				93.2	96.6	97.8	98.6	98.7	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.9
GE 900				93.2	96.6	97.8	98.6	98.7	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.9
GE 800				93.2	96.6	97.8	98.6	98.7	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.9
GE 700				93.2	96.6	97.8	98.6	98.7	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.9
GE 600				93.2	96.6	97.8	98.6	98.7	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.9
GE 500				93.2	96.6	97.8	98.6	98.7	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.9
GE 400				93.2	96.6	97.8	98.6	98.7	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.9
GE 300				93.2	96.6	97.8	98.6	98.7	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.9
GE 200				93.2	96.6	97.8	98.6	98.7	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.9
GE 100				93.2	96.6	97.8	98.6	98.7	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	100.0
GE 0				93.2	96.6	97.8	98.6	98.7	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 790

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000															
GE 4500															
GE 4000															
GE 3500															
GE 3000															
GE 2500															
GE 2000															
GE 1800															
GE 1600															
GE 1400															
GE 1200															
GE 1000															
GE 900															
GE 800															
GE 700															
GE 600															
GE 500															
GE 400															
GE 300															
GE 200															
GE 100															
GE 0															

TOTAL NUMBER OF OBSERVATIONS: 765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
.....																	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 830

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404163 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(1ST): ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000			83.9	91.0	93.3	95.1	95.2	96.5	97.3	97.7	97.7	97.9	98.0	98.2	98.3	98.4
GE	4500			83.9	91.0	93.3	95.1	95.2	96.5	97.3	97.7	97.7	97.9	98.0	98.2	98.3	98.4
GE	4000			84.4	91.5	93.9	95.7	95.9	97.2	97.9	98.3	98.4	98.6	98.7	98.9	98.9	99.0
GE	3500			84.6	91.8	94.2	96.0	96.1	97.4	98.2	98.6	98.7	98.9	99.0	99.2	99.2	99.3
GE	3000			85.1	92.4	94.7	96.6	96.7	98.0	98.8	99.2	99.2	99.5	99.5	99.7	99.8	99.9
GE	2500			85.1	92.4	94.8	96.6	96.7	98.1	98.8	99.2	99.3	99.5	99.6	99.8	99.8	99.9
GE	2000			85.1	92.4	94.8	96.6	96.8	98.1	98.8	99.3	99.3	99.5	99.6	99.8	99.9	100.0
GE	1800			85.1	92.4	94.8	96.6	96.8	98.1	98.8	99.3	99.3	99.5	99.6	99.8	99.9	100.0
GE	1500			85.1	92.4	94.8	96.7	96.8	98.1	98.9	99.3	99.3	99.6	99.6	99.9	99.9	100.0
GE	1200			85.1	92.4	94.8	96.7	96.8	98.1	98.9	99.3	99.3	99.6	99.6	99.9	99.9	100.0
GE	1000			85.1	92.4	94.8	96.7	96.8	98.1	98.9	99.3	99.3	99.6	99.6	99.9	99.9	100.0
GE	900			85.1	92.4	94.8	96.7	96.8	98.1	98.9	99.3	99.3	99.6	99.6	99.9	99.9	100.0
GE	800			85.1	92.4	94.8	96.7	96.8	98.1	98.9	99.3	99.3	99.6	99.6	99.9	99.9	100.0
GE	700			85.1	92.4	94.8	96.7	96.8	98.1	98.9	99.3	99.3	99.6	99.6	99.9	99.9	100.0
GE	600			85.1	92.4	94.8	96.7	96.8	98.1	98.9	99.3	99.3	99.6	99.6	99.9	99.9	100.0
GE	500			85.1	92.4	94.8	96.7	96.8	98.1	98.9	99.3	99.3	99.6	99.6	99.9	99.9	100.0
GE	400			85.1	92.4	94.8	96.7	96.8	98.1	98.9	99.3	99.3	99.6	99.6	99.9	99.9	100.0
GE	300			85.1	92.4	94.8	96.7	96.8	98.1	98.9	99.3	99.3	99.6	99.6	99.9	99.9	100.0
GE	200			85.1	92.4	94.8	96.7	96.8	98.1	98.9	99.3	99.3	99.6	99.6	99.9	99.9	100.0
GE	100			85.1	92.4	94.8	96.7	96.8	98.1	98.9	99.3	99.3	99.6	99.6	99.9	99.9	100.0
GE	0			85.1	92.4	94.8	96.7	96.8	98.1	98.9	99.3	99.3	99.6	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 6753

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
.....																	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
.....																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
.....																	
GE 5000			93.9	95.9	97.1	98.3	98.3	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 4500			93.9	95.9	97.1	98.2	98.3	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 4000			94.4	96.3	97.7	98.9	98.9	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 3500			94.6	96.6	97.9	99.1	99.1	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 3000			94.6	96.7	98.1	99.3	99.3	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.....																	
GE 2500			94.9	96.8	98.2	99.4	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000			94.9	96.8	98.2	99.4	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800			94.9	96.8	98.2	99.4	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500			94.9	96.8	98.2	99.4	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200			94.9	96.8	98.2	99.4	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.....																	
GE 1000			94.9	96.8	98.2	99.4	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900			94.9	96.8	98.2	99.4	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800			94.9	96.8	98.2	99.4	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700			94.9	96.8	98.2	99.4	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600			94.9	96.8	98.2	99.4	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.....																	
GE 500			94.9	96.8	98.2	99.4	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400			94.9	96.8	98.2	99.4	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300			94.9	96.8	98.2	99.4	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200			94.9	96.8	98.2	99.4	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100			94.9	96.8	98.2	99.4	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0			94.9	96.8	98.2	99.4	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: P-1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES																	
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4			
NO CEIL]																			
GE	20000																		
GE	18000																		
GE	16000																		
GE	14000																		
GE	12000																		
GE	10000																		
GE	9000																		
GE	8000																		
GE	7000																		
GE	6000																		
GE	5000			89.0	93.9	95.2	96.1	96.6	97.3	98.0	98.2	98.2	98.5	98.5	98.6	98.6	98.7		
GE	4500			89.0	93.9	95.2	96.1	96.6	97.3	98.0	98.2	98.2	98.5	98.5	98.6	98.6	98.7		
GE	4000			89.3	94.3	95.6	96.4	96.9	97.6	98.3	98.6	98.6	98.8	98.8	98.9	98.9	99.0		
GE	3500			89.5	94.5	95.8	96.7	97.1	97.9	98.6	98.8	98.8	99.0	99.0	99.2	99.2	99.3		
GE	3000			90.3	95.2	96.6	97.4	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.9	99.9	100.0		
GE	2500			90.3	95.2	96.6	97.4	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.9	99.9	100.0		
GE	2000			90.3	95.2	96.6	97.4	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.9	99.9	100.0		
GE	1800			90.3	95.2	96.6	97.4	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.9	99.9	100.0		
GE	1500			90.3	95.2	96.6	97.4	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.9	99.9	100.0		
GE	1200			90.3	95.2	96.6	97.4	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.9	99.9	100.0		
GE	1000			90.3	95.2	96.6	97.4	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.9	99.9	100.0		
GE	900			90.3	95.2	96.6	97.4	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.9	99.9	100.0		
GE	800			90.3	95.2	96.6	97.4	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.9	99.9	100.0		
GE	700			90.3	95.2	96.6	97.4	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.9	99.9	100.0		
GE	600			90.3	95.2	96.6	97.4	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.9	99.9	100.0		
GE	500			90.3	95.2	96.6	97.4	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.9	99.9	100.0		
GE	400			90.3	95.2	96.6	97.4	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.9	99.9	100.0		
GE	300			90.3	95.2	96.6	97.4	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.9	99.9	100.0		
GE	200			90.3	95.2	96.6	97.4	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.9	99.9	100.0		
GE	100			90.3	95.2	96.6	97.4	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.9	99.9	100.0		
GE				90.3	95.2	96.6	97.4	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.9	99.9	100.0		

TOTAL NUMBER OF OBSERVATIONS: 242

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES														
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
.....																
NO CEIL																
.....																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
.....																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
.....																
GE 5000				81.9	91.1	92.9	95.0	95.0	96.9	97.6	98.4	98.5	99.0	99.0	99.0	99.0
GE 4500				81.9	91.1	92.9	95.0	95.0	96.9	97.6	98.4	98.5	99.0	99.0	99.0	99.0
GE 4000				82.2	91.5	93.4	95.5	95.5	97.3	98.0	98.8	99.0	99.4	99.4	99.4	99.4
GE 3500				82.2	91.5	93.4	95.5	95.5	97.3	98.0	98.8	99.0	99.4	99.4	99.4	99.4
GE 3000				82.7	92.0	93.8	95.9	95.9	97.8	98.5	99.3	99.4	99.9	99.9	99.9	99.9
.....																
GE 2500				82.8	92.1	94.0	96.1	96.1	97.9	98.6	99.4	99.5	100.0	100.0	100.0	100.0
GE 2000				82.8	92.1	94.0	96.1	96.1	97.9	98.6	99.4	99.5	100.0	100.0	100.0	100.0
GE 1800				82.8	92.1	94.0	96.1	96.1	97.9	98.6	99.4	99.5	100.0	100.0	100.0	100.0
GE 1500				82.8	92.1	94.0	96.1	96.1	97.9	98.6	99.4	99.5	100.0	100.0	100.0	100.0
GE 1200				82.8	92.1	94.0	96.1	96.1	97.9	98.6	99.4	99.5	100.0	100.0	100.0	100.0
.....																
GE 1000				82.8	92.1	94.0	96.1	96.1	97.9	98.6	99.4	99.5	100.0	100.0	100.0	100.0
GE 900				82.8	92.1	94.0	96.1	96.1	97.9	98.6	99.4	99.5	100.0	100.0	100.0	100.0
GE 800				82.8	92.1	94.0	96.1	96.1	97.9	98.6	99.4	99.5	100.0	100.0	100.0	100.0
GE 700				82.8	92.1	94.0	96.1	96.1	97.9	98.6	99.4	99.5	100.0	100.0	100.0	100.0
GE 600				82.8	92.1	94.0	96.1	96.1	97.9	98.6	99.4	99.5	100.0	100.0	100.0	100.0
.....																
GE 500				82.8	92.1	94.0	96.1	96.1	97.9	98.6	99.4	99.5	100.0	100.0	100.0	100.0
GE 400				82.8	92.1	94.0	96.1	96.1	97.9	98.6	99.4	99.5	100.0	100.0	100.0	100.0
GE 300				82.8	92.1	94.0	96.1	96.1	97.9	98.6	99.4	99.5	100.0	100.0	100.0	100.0
GE 200				82.8	92.1	94.0	96.1	96.1	97.9	98.6	99.4	99.5	100.0	100.0	100.0	100.0
GE 100				82.8	92.1	94.0	96.1	96.1	97.9	98.6	99.4	99.5	100.0	100.0	100.0	100.0
.....																
GE 0				82.8	92.1	94.0	96.1	95.1	97.9	98.6	99.4	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 961

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JURAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			79.0	88.5	91.3	93.6	93.7	95.3	96.0	96.9	96.9	97.6	97.8	98.1	98.2	98.3
GE 4500			79.0	88.5	91.3	93.6	93.7	95.3	96.0	96.9	96.9	97.6	97.8	98.1	98.2	98.3
GE 4000			79.7	89.3	92.1	94.4	94.5	96.1	96.8	97.7	97.7	98.4	98.6	98.9	99.0	99.1
GE 3500			79.8	89.4	92.3	94.5	94.6	96.2	96.9	97.8	97.8	98.5	98.7	99.0	99.1	99.2
GE 3000			80.4	90.2	93.1	95.3	95.4	97.0	97.7	98.6	98.6	99.3	99.5	99.8	99.9	100.0
GE 2500			80.4	90.2	93.1	95.3	95.4	97.0	97.7	98.6	98.6	99.3	99.5	99.8	99.9	100.0
GE 2000			80.4	90.2	93.1	95.3	95.4	97.0	97.7	98.6	98.6	99.3	99.5	99.8	99.9	100.0
GE 1800			80.4	90.2	93.1	95.3	95.4	97.0	97.7	98.6	98.6	99.3	99.5	99.8	99.9	100.0
GE 1500			80.4	90.2	93.1	95.3	95.4	97.0	97.7	98.6	98.6	99.3	99.5	99.8	99.9	100.0
GE 1200			80.4	90.2	93.1	95.3	95.4	97.0	97.7	98.6	98.6	99.3	99.5	99.8	99.9	100.0
GE 1000			80.4	90.2	93.1	95.3	95.4	97.0	97.7	98.6	98.6	99.3	99.5	99.8	99.9	100.0
GE 900			80.4	90.2	93.1	95.3	95.4	97.0	97.7	98.6	98.6	99.3	99.5	99.8	99.9	100.0
GE 800			80.4	90.2	93.1	95.3	95.4	97.0	97.7	98.6	98.6	99.3	99.5	99.8	99.9	100.0
GE 700			80.4	90.2	93.1	95.3	95.4	97.0	97.7	98.6	98.6	99.3	99.5	99.8	99.9	100.0
GE 600			80.4	90.2	93.1	95.3	95.4	97.0	97.7	98.6	98.6	99.3	99.5	99.8	99.9	100.0
GE 500			80.4	90.2	93.1	95.3	95.4	97.0	97.7	98.6	98.6	99.3	99.5	99.8	99.9	100.0
GE 400			80.4	90.2	93.1	95.3	95.4	97.0	97.7	98.6	98.6	99.3	99.5	99.8	99.9	100.0
GE 300			80.4	90.2	93.1	95.3	95.4	97.0	97.7	98.6	98.6	99.3	99.5	99.8	99.9	100.0
GE 200			80.4	90.2	93.1	95.3	95.4	97.0	97.7	98.6	98.6	99.3	99.5	99.8	99.9	100.0
GE 100			80.4	90.2	93.1	95.3	95.4	97.0	97.7	98.6	98.6	99.3	99.5	99.8	99.9	100.0
GE 0			80.4	90.2	93.1	95.3	95.4	97.0	97.7	98.6	98.6	99.3	99.5	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 878

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000			70.8	83.6	87.9	91.3	91.6	93.7	95.6	96.2	96.2	96.5	96.6	97.4	97.6
GE 4500			70.8	83.6	87.9	91.3	91.6	93.7	95.6	96.2	96.2	96.5	96.6	97.4	97.6
GE 4000			71.0	83.9	88.5	91.9	92.1	94.3	96.1	96.8	96.8	97.0	97.1	97.9	98.2
GE 3500			71.6	84.6	89.2	92.6	92.8	95.0	96.8	97.5	97.5	97.7	97.8	98.6	98.9
GE 3000			71.9	85.3	89.9	93.3	93.5	95.8	97.6	98.3	98.3	98.5	98.6	99.5	99.8
GE 2500			72.1	85.4	90.0	93.4	93.6	95.9	97.7	98.4	98.4	98.6	98.7	99.7	99.9
GE 2000			72.1	85.4	90.0	93.4	93.6	95.9	97.7	98.4	98.4	98.6	98.7	99.7	99.9
GE 1800			72.1	85.4	90.0	93.4	93.6	95.9	97.7	98.4	98.4	98.6	98.7	99.7	99.9
GE 1500			72.1	85.4	90.0	93.4	93.6	95.9	97.7	98.4	98.4	98.6	98.7	99.7	99.9
GE 1200			72.1	85.4	90.0	93.4	93.6	95.9	97.7	98.4	98.4	98.6	98.7	99.7	99.9
GE 1000			72.1	85.4	90.0	93.4	93.6	95.9	97.7	98.4	98.4	98.6	98.7	99.7	99.9
GE 900			72.1	85.4	90.0	93.4	93.6	95.9	97.7	98.4	98.4	98.6	98.7	99.7	99.9
GE 800			72.1	85.4	90.0	93.4	93.6	95.9	97.7	98.4	98.4	98.6	98.7	99.7	99.9
GE 700			72.1	85.4	90.0	93.4	93.6	95.9	97.7	98.4	98.4	98.6	98.7	99.7	99.9
GE 600			72.1	85.4	90.0	93.4	93.6	95.9	97.7	98.4	98.4	98.6	98.7	99.7	99.9
GE 500			72.1	85.4	90.0	93.4	93.6	95.9	97.7	98.4	98.4	98.6	98.7	99.7	99.9
GE 400			72.1	85.4	90.0	93.4	93.6	95.9	97.7	98.4	98.4	98.6	98.7	99.7	99.9
GE 300			72.1	85.4	90.0	93.4	93.6	95.9	97.7	98.4	98.4	98.6	98.7	99.7	99.9
GE 200			72.1	85.4	90.0	93.4	93.6	95.9	97.7	98.4	98.4	98.6	98.7	99.7	99.9
GE 100			72.1	85.4	90.0	93.4	93.6	95.9	97.7	98.4	98.4	98.6	98.7	99.7	99.9
GE 01			72.1	85.4	90.0	93.4	93.6	95.9	97.7	98.4	98.4	98.6	98.7	99.7	99.9

TOTAL NUMBER OF OBSERVATIONS: 977

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404167 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1600																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: PJ9

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			90.9	95.1	95.7	96.7	96.8	97.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.5	
GE 4000			90.9	95.1	95.7	96.7	96.8	97.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.5	
GE 4000			91.2	95.6	96.2	97.2	97.3	98.0	98.7	98.8	98.8	98.8	98.8	98.8	98.8	99.0	
GE 3500			91.7	96.1	96.7	97.7	97.8	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.5	
GE 3000			91.8	96.3	97.0	97.9	98.0	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.8	
GE 2500			91.8	96.3	97.0	97.9	98.0	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.8	
GE 2000			91.8	96.3	97.1	98.0	98.2	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.9	
GE 1800			91.8	96.3	97.1	98.0	98.2	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.9	
GE 1500			91.8	96.3	97.1	98.2	98.3	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	
GE 1200			91.8	96.3	97.1	98.2	98.3	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	
GE 1000			91.8	96.3	97.1	98.2	98.3	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	
GE 900			91.6	96.3	97.1	98.2	98.3	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	
GE 800			91.8	96.3	97.1	98.2	98.3	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	
GE 700			91.8	96.3	97.1	98.2	98.3	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	
GE 600			91.3	96.3	97.1	98.2	98.3	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	
GE 500			91.8	96.3	97.1	98.2	98.3	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	
GE 400			91.8	96.3	97.1	98.2	98.3	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	
GE 300			91.6	96.3	97.1	98.2	98.3	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	
GE 200			91.8	96.3	97.1	98.2	98.3	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	
GE 100			91.8	96.3	97.1	98.2	98.3	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	
GE 0			91.8	96.3	97.1	98.2	98.3	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	
TOTAL NUMBER OF OBSERVATIONS: F20																	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LOCAL): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	1/8	0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			92.8	95.8	97.1	97.8	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.8
GE 4500			92.8	95.8	97.1	97.8	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.8
GE 4000			93.3	96.3	97.5	98.3	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.3
GE 3500			93.4	96.4	97.7	98.4	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.4
GE 3000			93.9	97.1	98.3	99.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 2500			93.9	97.1	98.3	99.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 2000			93.9	97.1	98.3	99.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 1800			93.9	97.1	98.3	99.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 1500			93.9	97.1	98.3	99.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 1200			93.9	97.1	98.3	99.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 1000			93.9	97.1	98.3	99.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 900			93.9	97.1	98.3	99.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 800			93.9	97.1	98.3	99.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 700			93.9	97.1	98.3	99.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 600			93.9	97.1	98.3	99.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 500			93.9	97.1	98.3	99.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 400			93.9	97.1	98.3	99.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 300			93.9	97.1	98.3	99.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 200			93.9	97.1	98.3	99.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 100			93.9	97.1	98.3	99.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 0			93.9	97.1	98.3	99.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 415

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000															
GE 4500															
GE 4000															
GE 3500															
GE 3000															
GE 2500															
GE 2000															
GE 1800															
GE 1500															
GE 1200															
GE 1000															
GE 900															
GE 800															
GE 700															
GE 600															
GE 500															
GE 400															
GE 300															
GE 200															
GE 100															
GE 0															

TOTAL NUMBER OF OBSERVATIONS: 6521

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(IST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	
NO CEIL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000			93.0	95.8	96.1	97.3	97.3	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	96.0
GE	4500			93.0	95.8	96.1	97.3	97.3	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE	4000			93.5	96.3	96.6	97.8	97.8	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE	3500			93.6	96.4	96.8	97.9	97.9	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE	3000			94.5	97.3	97.6	98.8	98.8	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	2500			94.8	97.5	97.9	99.0	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	2000			94.6	97.5	97.9	99.0	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	1800			94.9	97.6	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1500			94.9	97.6	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200			94.9	97.6	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000			94.9	97.6	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900			94.9	97.6	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	800			94.9	97.6	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700			94.9	97.6	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600			94.9	97.6	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500			94.9	97.6	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400			94.9	97.6	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	300			94.9	97.6	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200			94.9	97.6	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100			94.9	97.6	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	0			94.9	97.6	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 401

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: APR HOURS (LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000				88.2	91.7	93.4	94.8	94.8	95.7	96.0	96.3	96.3	96.7	96.8	96.8	96.8	96.8
GE 4500				88.2	91.7	93.4	94.8	94.8	95.7	96.0	96.3	96.3	96.7	96.8	96.8	96.8	96.8
GE 4000				89.2	92.7	94.5	95.9	95.9	96.8	97.1	97.4	97.4	97.8	97.9	97.9	97.9	97.9
GE 3500				89.8	93.4	95.4	96.6	96.8	97.6	98.0	98.3	98.3	98.6	98.8	98.8	98.8	98.8
GE 3000				90.8	94.4	96.5	97.9	97.9	98.9	99.3	99.5	99.5	99.9	100.0	100.0	100.0	100.0
GE 2500				90.8	94.4	96.5	97.9	97.9	98.9	99.3	99.5	99.5	99.9	100.0	100.0	100.0	100.0
GE 2000				90.8	94.4	96.5	97.9	97.9	98.9	99.3	99.5	99.5	99.9	100.0	100.0	100.0	100.0
GE 1800				90.8	94.4	96.5	97.9	97.9	98.9	99.3	99.5	99.5	99.9	100.0	100.0	100.0	100.0
GE 1500				90.8	94.4	96.5	97.9	97.9	98.9	99.3	99.5	99.5	99.9	100.0	100.0	100.0	100.0
GE 1200				90.8	94.4	96.5	97.9	97.9	98.9	99.3	99.5	99.5	99.9	100.0	100.0	100.0	100.0
GE 1000				90.8	94.4	96.5	97.9	97.9	98.9	99.3	99.5	99.5	99.9	100.0	100.0	100.0	100.0
GE 900				90.8	94.4	96.5	97.9	97.9	98.9	99.3	99.5	99.5	99.9	100.0	100.0	100.0	100.0
GE 800				90.8	94.4	96.5	97.9	97.9	98.9	99.3	99.5	99.5	99.9	100.0	100.0	100.0	100.0
GE 700				90.8	94.4	96.5	97.9	97.9	98.9	99.3	99.5	99.5	99.9	100.0	100.0	100.0	100.0
GE 600				90.8	94.4	96.5	97.9	97.9	98.9	99.3	99.5	99.5	99.9	100.0	100.0	100.0	100.0
GE 500				90.8	94.4	96.5	97.9	97.9	98.9	99.3	99.5	99.5	99.9	100.0	100.0	100.0	100.0
GE 400				90.8	94.4	96.5	97.9	97.9	98.9	99.3	99.5	99.5	99.9	100.0	100.0	100.0	100.0
GE 300				90.8	94.4	96.5	97.9	97.9	98.9	99.3	99.5	99.5	99.9	100.0	100.0	100.0	100.0
GE 200				90.8	94.4	96.5	97.9	97.9	98.9	99.3	99.5	99.5	99.9	100.0	100.0	100.0	100.0
GE 100				90.8	94.4	96.5	97.9	97.9	98.9	99.3	99.5	99.5	99.9	100.0	100.0	100.0	100.0
GE 0				90.8	94.4	96.5	97.9	97.9	98.9	99.3	99.5	99.5	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GF	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000		81.2	87.5	90.2	92.8	92.8	94.3	94.9	95.3	95.3	95.7	96.0	96.1	96.1	96.1	96.1
GE	4500		81.2	87.5	90.2	92.8	92.8	94.3	94.9	95.3	95.3	95.7	96.0	96.1	96.1	96.1	96.1
GE	4000		82.5	88.8	91.5	94.0	94.0	95.6	96.1	96.6	96.6	97.0	97.3	97.4	97.4	97.4	97.4
GE	3500		83.2	89.5	92.2	94.7	94.7	96.3	96.8	97.3	97.3	97.7	98.0	98.1	98.1	98.1	98.1
GE	3000		84.6	91.1	93.8	96.4	96.4	97.9	98.5	98.9	98.9	99.3	99.6	99.8	99.8	99.8	99.8
GE	2500		84.7	91.2	93.9	96.5	96.5	98.0	98.6	99.1	99.1	99.4	99.8	99.9	99.9	99.9	100.0
GE	2000		84.7	91.2	93.9	96.5	96.5	98.0	98.6	99.1	99.1	99.4	99.8	99.9	99.9	99.9	100.0
GE	1800		84.7	91.2	93.9	96.5	96.5	98.0	98.6	99.1	99.1	99.4	99.8	99.9	99.9	99.9	100.0
GE	1500		84.7	91.2	93.9	96.5	96.5	98.0	98.6	99.1	99.1	99.4	99.8	99.9	99.9	99.9	100.0
GE	1200		84.7	91.2	93.9	96.5	96.5	98.0	98.6	99.1	99.1	99.4	99.8	99.9	99.9	99.9	100.0
GE	1000		84.7	91.2	93.9	96.5	96.5	98.0	98.6	99.1	99.1	99.4	99.8	99.9	99.9	99.9	100.0
GE	900		84.7	91.2	93.9	96.5	96.5	98.0	98.6	99.1	99.1	99.4	99.8	99.9	99.9	99.9	100.0
GE	800		84.7	91.2	93.9	96.5	96.5	98.0	98.6	99.1	99.1	99.4	99.8	99.9	99.9	99.9	100.0
GE	700		84.7	91.2	93.9	96.5	96.5	98.0	98.6	99.1	99.1	99.4	99.8	99.9	99.9	99.9	100.0
GE	600		84.7	91.2	93.9	96.5	96.5	98.0	98.6	99.1	99.1	99.4	99.8	99.9	99.9	99.9	100.0
GE	500		84.7	91.2	93.9	96.5	96.5	98.0	98.6	99.1	99.1	99.4	99.8	99.9	99.9	99.9	100.0
GE	400		84.7	91.2	93.9	96.5	96.5	98.0	98.6	99.1	99.1	99.4	99.8	99.9	99.9	99.9	100.0
GE	300		84.7	91.2	93.9	96.5	96.5	98.0	98.6	99.1	99.1	99.4	99.8	99.9	99.9	99.9	100.0
GE	200		84.7	91.2	93.9	96.5	96.5	98.0	98.6	99.1	99.1	99.4	99.8	99.9	99.9	99.9	100.0
GE	100		84.7	91.2	93.9	96.5	96.5	98.0	98.6	99.1	99.1	99.4	99.8	99.9	99.9	99.9	100.0
GE	0		84.7	91.2	93.9	96.5	96.5	98.0	98.6	99.1	99.1	99.4	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: P56

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			81.5	86.5	89.2	91.1	91.2	93.4	94.3	94.8	95.0	95.5	95.9	96.2	96.2	96
GE 4500			81.5	86.6	89.3	91.2	91.4	93.5	94.4	94.9	95.1	95.6	96.0	96.3	96.3	96
GE 4000			82.6	87.9	90.8	92.8	92.9	95.0	96.0	96.4	96.7	97.2	97.5	97.9	97.9	97
GE 3500			83.2	88.5	91.4	93.4	93.5	95.6	96.6	97.0	97.3	97.8	98.1	98.5	98.5	98
GE 3000			84.4	89.7	92.5	94.6	94.7	96.8	97.8	98.2	98.5	98.9	99.3	99.6	99.6	99
GE 2500			84.5	89.8	92.7	94.7	94.8	97.0	98.0	98.5	98.7	99.2	99.5	99.9	99.9	99
GE 2000			84.5	89.8	92.7	94.7	94.8	97.0	98.0	98.5	98.7	99.2	99.5	99.9	99.9	99
GE 1800			84.5	89.8	92.7	94.7	94.8	97.0	98.0	98.5	98.7	99.2	99.5	99.9	99.9	99
GE 1500			84.5	89.8	92.7	94.7	94.8	97.0	98.0	98.5	98.7	99.2	99.5	99.9	99.9	99
GE 1200			84.5	89.8	92.7	94.7	94.8	97.0	98.0	98.5	98.7	99.2	99.5	99.9	99.9	99
GE 1000			84.5	89.8	92.7	94.7	94.8	97.0	98.0	98.5	98.7	99.2	99.5	99.9	99.9	99
GE 900			84.5	89.8	92.7	94.7	94.8	97.0	98.0	98.5	98.7	99.2	99.5	99.9	99.9	99
GE 800			84.5	89.8	92.7	94.7	94.8	97.0	98.0	98.5	98.7	99.2	99.5	99.9	99.9	99
GE 700			84.5	89.8	92.7	94.7	94.8	97.0	98.0	98.5	98.7	99.2	99.5	99.9	99.9	99
GE 600			84.5	89.8	92.7	94.7	94.8	97.0	98.0	98.5	98.7	99.2	99.5	99.9	99.9	99
GE 500			84.5	89.8	92.7	94.7	94.8	97.0	98.0	98.5	98.7	99.2	99.5	99.9	99.9	99
GE 400			84.5	89.8	92.7	94.7	94.8	97.0	98.0	98.5	98.7	99.2	99.5	99.9	99.9	99
GE 300			84.5	89.8	92.7	94.7	94.8	97.0	98.0	98.5	98.7	99.2	99.5	99.9	99.9	99
GE 200			84.5	89.8	92.7	94.7	94.8	97.0	98.0	98.5	98.7	99.2	99.6	100.0	100.0	100
GE 100			84.5	89.8	92.7	94.7	94.8	97.0	98.0	98.5	98.7	99.2	99.6	100.0	100.0	100
GE 0			84.5	89.8	92.7	94.7	94.8	97.0	98.0	98.5	98.7	99.2	99.6	100.0	100.0	100

TOTAL NUMBER OF OBSERVATIONS: 945

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404167 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(IST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES													
IN	FEET	1	3/8	1/2	5/8	3/4	1	1 1/4	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8
FEET	1	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000															
GE 4500															
GE 4000															
GE 3500															
GE 3000															
GE 2500															
GE 2000															
GE 1800															
GE 1600															
GE 1400															
GE 1200															
GE 1000															
GE 900															
GE 800															
GE 700															
GE 600															
GE 500															
GE 400															
GE 300															
GE 200															
GE 100															
GE 70															

TOTAL NUMBER OF OBSERVATIONS: 776

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHPAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000			75.2	82.8	85.3	88.2	88.6	94.7	97.0	98.1	98.4	99.0	99.4	99.5	99.5
GE 4500			75.2	82.8	85.3	88.2	88.6	94.7	97.0	98.1	98.4	99.0	99.4	99.5	99.5
GE 4000			75.3	83.0	85.5	88.3	88.7	94.9	97.1	98.2	98.5	99.1	99.5	99.6	99.6
GE 3500			75.3	83.0	85.5	88.3	88.7	94.9	97.1	98.2	98.5	99.1	99.5	99.6	99.6
GE 3000			75.3	83.0	85.5	88.3	88.7	94.9	97.1	98.2	98.5	99.1	99.5	99.6	99.6
GE 2500			75.3	83.0	85.5	88.3	88.7	94.9	97.1	98.2	98.5	99.1	99.5	99.6	99.6
GE 2000			75.3	83.0	85.5	88.3	88.7	94.9	97.1	98.2	98.5	99.1	99.5	99.6	99.6
GE 1800			75.3	83.0	85.5	88.3	88.7	94.9	97.1	98.2	98.5	99.1	99.5	99.6	99.6
GE 1500			75.3	83.0	85.5	88.3	88.7	94.9	97.1	98.2	98.5	99.1	99.5	99.6	99.6
GE 1200			75.3	83.0	85.5	88.5	88.8	95.0	97.2	98.4	98.6	99.2	99.6	99.7	99.7
GE 1000			75.3	83.0	85.5	88.5	88.8	95.0	97.2	98.4	98.6	99.2	99.6	99.7	99.7
GE 900			75.3	83.0	85.5	88.5	88.8	95.0	97.2	98.4	98.6	99.2	99.6	99.7	99.7
GE 800			75.3	83.0	85.5	88.5	88.8	95.1	97.4	98.5	98.7	99.4	99.7	99.9	99.9
GE 700			75.3	83.0	85.5	88.5	88.8	95.1	97.4	98.5	98.7	99.4	99.9	100.0	100.0
GE 600			75.3	83.0	85.5	88.5	88.8	95.1	97.4	98.5	98.7	99.4	99.9	100.0	100.0
GE 500			75.3	83.0	85.5	88.5	88.8	95.1	97.4	98.5	98.7	99.4	99.9	100.0	100.0
GE 400			75.3	83.0	85.5	88.5	88.8	95.1	97.4	98.5	98.7	99.4	99.9	100.0	100.0
GE 300			75.3	83.0	85.5	88.5	88.8	95.1	97.4	98.5	98.7	99.4	99.9	100.0	100.0
GE 200			75.3	83.0	85.5	88.5	88.8	95.1	97.4	98.5	98.7	99.4	99.9	100.0	100.0
GE 100			75.3	83.0	85.5	88.5	88.8	95.1	97.4	98.5	98.7	99.4	99.9	100.0	100.0
GE 0			75.3	83.0	85.5	88.5	88.8	95.1	97.4	98.5	98.7	99.4	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84

MONTH: JUN HOURS(IST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES														
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
.....																
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000																
GE 4500																
GE 4000																
GE 3500																
GE 3000																
GE 2500																
GE 2000																
GE 1800																
GE 1600																
GE 1400																
GE 1200																
GE 1000																
GE 900																
GE 800																
GE 700																
GE 600																
GE 500																
GE 400																
GE 300																
GE 200																
GE 100																
GE 0																
.....																

TOTAL NUMBER OF OBSERVATIONS: 762

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES													
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CELL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000			52.4	69.8	78.1	83.3	84.0	91.4	95.9	97.3	97.8	99.4	99.8	99.8	99.8
GE 4500			52.4	69.6	78.1	83.3	84.0	91.4	95.9	97.3	97.8	99.4	99.8	99.8	99.8
GE 4000			52.6	70.1	78.3	83.5	84.2	91.6	96.1	97.6	98.1	99.6	100.0	100.0	100.0
GE 3500			52.6	70.1	78.3	83.5	84.2	91.6	96.1	97.6	98.1	99.6	100.0	100.0	100.0
GE 3000			52.6	70.1	78.3	83.5	84.2	91.6	96.1	97.6	98.1	99.6	100.0	100.0	100.0
GE 2500			52.6	70.1	78.3	83.5	84.2	91.6	96.1	97.6	98.1	99.6	100.0	100.0	100.0
GE 2000			52.6	70.1	78.3	83.5	84.2	91.6	96.1	97.6	98.1	99.6	100.0	100.0	100.0
GE 1800			52.6	70.1	78.3	83.5	84.2	91.6	96.1	97.6	98.1	99.6	100.0	100.0	100.0
GE 1500			52.6	70.1	78.3	83.5	84.2	91.6	96.1	97.6	98.1	99.6	100.0	100.0	100.0
GE 1200			52.6	70.1	78.3	83.5	84.2	91.6	96.1	97.6	98.1	99.6	100.0	100.0	100.0
GE 1000			52.6	70.1	78.3	83.5	84.2	91.6	96.1	97.6	98.1	99.6	100.0	100.0	100.0
GE 900			52.6	70.1	78.3	83.5	84.2	91.6	96.1	97.6	98.1	99.6	100.0	100.0	100.0
GE 800			52.6	70.1	78.3	83.5	84.2	91.6	96.1	97.6	98.1	99.6	100.0	100.0	100.0
GE 700			52.6	70.1	78.3	83.5	84.2	91.6	96.1	97.6	98.1	99.6	100.0	100.0	100.0
GE 600			52.6	70.1	78.3	83.5	84.2	91.6	96.1	97.6	98.1	99.6	100.0	100.0	100.0
GE 500			52.6	70.1	78.3	83.5	84.2	91.6	96.1	97.6	98.1	99.6	100.0	100.0	100.0
GE 400			52.6	70.1	78.3	83.5	84.2	91.6	96.1	97.6	98.1	99.6	100.0	100.0	100.0
GE 300			52.6	70.1	78.3	83.5	84.2	91.6	96.1	97.6	98.1	99.6	100.0	100.0	100.0
GE 200			52.6	70.1	78.3	83.5	84.2	91.6	96.1	97.6	98.1	99.6	100.0	100.0	100.0
GE 100			52.6	70.1	78.3	83.5	84.2	91.6	96.1	97.6	98.1	99.6	100.0	100.0	100.0
GE 0			52.6	70.1	78.3	83.5	84.2	91.6	96.1	97.6	98.1	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: P25

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	
NO CEIL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000		62.7	75.0	80.3	86.0	86.4	91.1	94.7	96.7	97.4	98.4	99.0	99.4	99.4	99.4	99.
GE	4500		62.7	75.0	80.3	86.0	86.4	91.1	94.7	96.7	97.4	98.4	99.0	99.4	99.4	99.4	99.
GE	4000		62.7	75.0	80.3	86.0	86.4	91.1	94.7	96.7	97.4	98.4	99.0	99.4	99.4	99.4	99.
GE	3500		62.7	75.0	80.3	86.1	86.5	91.3	94.8	96.8	97.6	98.5	99.1	99.5	99.5	99.5	100.
GE	3000		62.7	75.0	80.3	86.1	86.5	91.3	94.8	96.8	97.6	98.5	99.1	99.5	99.5	99.5	100.
GE	2500		62.7	75.0	80.3	86.1	86.5	91.3	94.8	96.8	97.6	98.5	99.1	99.5	99.5	99.5	100.
GE	2000		62.7	75.0	80.3	86.1	86.5	91.3	94.8	96.8	97.6	98.5	99.1	99.5	99.5	99.5	100.
GE	1800		62.7	75.0	80.3	86.1	86.5	91.3	94.8	96.8	97.6	98.5	99.1	99.5	99.5	99.5	100.
GE	1500		62.7	75.0	80.3	86.1	86.5	91.3	94.8	96.8	97.6	98.5	99.1	99.5	99.5	99.5	100.
GE	1200		62.7	75.0	80.3	86.1	86.5	91.3	94.8	96.8	97.6	98.5	99.1	99.5	99.5	99.5	100.
GE	1000		62.7	75.0	80.3	86.1	86.5	91.3	94.8	96.8	97.6	98.5	99.1	99.5	99.5	99.5	100.
GE	900		62.7	75.0	80.3	86.1	86.5	91.3	94.8	96.8	97.6	98.5	99.1	99.5	99.5	99.5	100.
GE	800		62.7	75.0	80.3	86.1	86.5	91.3	94.8	96.8	97.6	98.5	99.1	99.5	99.5	99.5	100.
GE	700		62.7	75.0	80.3	86.1	86.5	91.3	94.8	96.8	97.6	98.5	99.1	99.5	99.5	99.5	100.
GE	600		62.7	75.0	80.3	86.1	86.5	91.3	94.8	96.8	97.6	98.5	99.1	99.5	99.5	99.5	100.
GE	500		62.7	75.0	80.3	86.1	86.5	91.3	94.8	96.8	97.6	98.5	99.1	99.5	99.5	99.5	100.
GE	400		62.7	75.0	80.3	86.1	86.5	91.3	94.8	96.8	97.6	98.5	99.1	99.5	99.5	99.5	100.
GE	300		62.7	75.0	80.3	86.1	86.5	91.3	94.8	96.8	97.6	98.5	99.1	99.5	99.5	99.5	100.
GE	200		62.7	75.0	80.3	86.1	86.5	91.3	94.8	96.8	97.6	98.5	99.1	99.5	99.5	99.5	100.
GE	100		62.7	75.0	80.3	86.1	86.5	91.3	94.8	96.8	97.6	98.5	99.1	99.5	99.5	99.5	100.
GE	0		62.7	75.0	80.3	86.1	86.5	91.3	94.8	96.8	97.6	98.5	99.1	99.5	99.5	99.5	100.

TOTAL NUMBER OF OBSERVATIONS: 823

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GF 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000			69.9	83.3	87.9	91.6	92.0	95.0	97.0	97.7	98.1	99.0	99.4	99.8	100.0
GE 4500			69.9	83.3	87.9	91.6	92.0	95.0	97.0	97.7	98.1	99.0	99.4	99.8	100.0
GE 4000			69.9	83.3	87.9	91.6	92.0	95.0	97.0	97.7	98.1	99.0	99.4	99.8	100.0
GE 3500			69.9	83.3	87.9	91.6	92.0	95.0	97.0	97.7	98.1	99.0	99.4	99.8	100.0
GE 3000			69.9	83.3	87.9	91.6	92.0	95.0	97.0	97.7	98.1	99.0	99.4	99.8	100.0
GE 2500			69.9	83.3	87.9	91.6	92.0	95.0	97.0	97.7	98.1	99.0	99.4	99.8	100.0
GE 2000			69.9	83.3	87.9	91.6	92.0	95.0	97.0	97.7	98.1	99.0	99.4	99.8	100.0
GE 1800			69.9	83.3	87.9	91.6	92.0	95.0	97.0	97.7	98.1	99.0	99.4	99.8	100.0
GE 1600			69.9	83.3	87.9	91.6	92.0	95.0	97.0	97.7	98.1	99.0	99.4	99.8	100.0
GE 1400			69.9	83.3	87.9	91.6	92.0	95.0	97.0	97.7	98.1	99.0	99.4	99.8	100.0
GE 1200			69.9	83.3	87.9	91.6	92.0	95.0	97.0	97.7	98.1	99.0	99.4	99.8	100.0
GE 1000			69.9	83.3	87.9	91.6	92.0	95.0	97.0	97.7	98.1	99.0	99.4	99.8	100.0
GE 900			69.9	83.3	87.9	91.6	92.0	95.0	97.0	97.7	98.1	99.0	99.4	99.8	100.0
GE 800			69.9	83.3	87.9	91.6	92.0	95.0	97.0	97.7	98.1	99.0	99.4	99.8	100.0
GE 700			69.9	83.3	87.9	91.6	92.0	95.0	97.0	97.7	98.1	99.0	99.4	99.8	100.0
GE 600			69.9	83.3	87.9	91.6	92.0	95.0	97.0	97.7	98.1	99.0	99.4	99.8	100.0
GE 500			69.9	83.3	87.9	91.6	92.0	95.0	97.0	97.7	98.1	99.0	99.4	99.8	100.0
GE 400			69.9	83.3	87.9	91.6	92.0	95.0	97.0	97.7	98.1	99.0	99.4	99.8	100.0
GE 300			69.9	83.3	87.9	91.6	92.0	95.0	97.0	97.7	98.1	99.0	99.4	99.8	100.0
GE 200			69.9	83.3	87.9	91.6	92.0	95.0	97.0	97.7	98.1	99.0	99.4	99.8	100.0
GE 100			69.9	83.3	87.9	91.6	92.0	95.0	97.0	97.7	98.1	99.0	99.4	99.8	100.0
GE 0			69.9	83.3	87.9	91.6	92.0	95.0	97.0	97.7	98.1	99.0	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			79.4	88.6	92.5	94.7	95.0	96.3	97.8	98.8	99.1	99.9	99.9	99.9	99.9	99.9	
GE 4500			79.4	88.6	92.5	94.7	95.0	96.3	97.8	98.8	99.1	99.9	99.9	99.9	99.9	99.9	
GE 4000			79.5	88.7	92.6	94.8	95.1	96.4	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	
GE 3500			79.5	88.7	92.6	94.8	95.1	96.4	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	
GE 3000			79.5	88.7	92.6	94.8	95.1	96.4	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	
GE 2500			79.5	88.7	92.6	94.8	95.1	96.4	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	
GE 2000			79.5	88.7	92.6	94.8	95.1	96.4	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	
GE 1800			79.5	88.7	92.6	94.8	95.1	96.4	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	
GE 1500			79.5	88.7	92.6	94.8	95.1	96.4	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	
GE 1200			79.5	88.7	92.6	94.8	95.1	96.4	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	
GE 1000			79.5	88.7	92.6	94.8	95.1	96.4	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	
GE 900			79.5	88.7	92.6	94.8	95.1	96.4	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	
GE 800			79.5	88.7	92.6	94.8	95.1	96.4	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	
GE 700			79.5	88.7	92.6	94.8	95.1	96.4	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	
GE 600			79.5	88.7	92.6	94.8	95.1	96.4	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	
GE 500			79.5	88.7	92.6	94.8	95.1	96.4	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	
GE 400			79.5	88.7	92.6	94.8	95.1	96.4	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	
GE 300			79.5	88.7	92.6	94.8	95.1	96.4	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	
GE 200			79.5	88.7	92.6	94.8	95.1	96.4	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	
GE 100			79.5	88.7	92.6	94.8	95.1	96.4	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	
GE 0			79.5	88.7	92.6	94.8	95.1	96.4	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 214

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(IST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			83.9	91.1	94.1	96.0	96.0	98.7	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	
GE 4500			83.9	91.1	94.1	96.0	96.0	98.7	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	
GE 4000			84.0	91.2	94.2	96.1	96.1	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
GE 3500			84.0	91.2	94.2	96.1	96.1	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
GE 3000			84.0	91.2	94.2	96.1	96.1	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
GE 2500			84.0	91.2	94.2	96.1	96.1	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
GE 2000			84.0	91.2	94.2	96.1	96.1	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
GE 1800			84.0	91.2	94.2	96.1	96.1	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
GE 1500			84.0	91.2	94.2	96.1	96.1	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
GE 1200			84.0	91.2	94.2	96.1	96.1	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
GE 1000			84.0	91.2	94.2	96.1	96.1	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
GE 900			84.0	91.2	94.2	96.1	96.1	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
GE 800			84.0	91.2	94.2	96.1	96.1	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
GE 700			84.0	91.2	94.2	96.1	96.1	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
GE 600			84.0	91.2	94.2	96.1	96.1	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
GE 500			84.0	91.2	94.2	96.1	96.1	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
GE 400			84.0	91.2	94.2	96.1	96.1	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	
GE 300			84.0	91.2	94.2	96.1	96.1	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	
GE 200			84.0	91.2	94.2	96.1	96.1	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	
GE 100			84.0	91.2	94.2	96.1	96.1	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	
GE 0			84.0	91.2	94.2	96.1	96.1	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): ALL

CEILING		VISIBILITY IN STATUTE MILES																
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1/2	GE 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																		
GE 20000																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
GE 10000																		
GE 9000																		
GE 8000																		
GE 7000																		
GE 6000																		
GE 5000				70.1	80.9	85.5	89.3	89.7	94.1	96.6	98.0	98.4	99.2	99.5	99.6	99.6	99.7	
GE 4500				70.1	80.9	85.5	89.3	89.7	94.1	96.6	98.0	98.4	99.2	99.5	99.6	99.6	99.7	
GE 4000				70.2	81.0	85.6	89.5	89.8	94.2	96.8	98.1	98.5	99.3	99.6	99.8	99.8	99.9	
GE 3500				70.2	81.0	85.6	89.5	89.8	94.2	96.8	98.2	98.5	99.3	99.7	99.8	99.8	99.9	
GE 3000				70.2	81.0	85.6	89.5	89.8	94.2	96.8	98.2	98.6	99.3	99.7	99.8	99.8	99.9	
GE 2500				70.2	81.0	85.6	89.5	89.8	94.2	96.8	98.2	98.6	99.3	99.7	99.8	99.8	99.9	
GE 2000				70.2	81.1	85.6	89.5	89.8	94.3	96.8	98.2	98.6	99.4	99.7	99.8	99.8	99.9	
GE 1800				70.2	81.1	85.6	89.5	89.8	94.3	96.8	98.2	98.6	99.4	99.7	99.8	99.8	99.9	
GE 1500				70.2	81.1	85.6	89.5	89.8	94.3	96.8	98.2	98.6	99.4	99.7	99.8	99.8	99.9	
GE 1200				70.2	81.1	85.6	89.5	89.9	94.3	96.9	98.2	98.6	99.4	99.7	99.8	99.8	100.0	
GE 1000				70.2	81.1	85.6	89.5	89.9	94.3	96.9	98.2	98.6	99.4	99.7	99.8	99.8	100.0	
GE 900				70.2	81.1	85.6	89.5	89.9	94.3	96.9	98.2	98.6	99.4	99.7	99.8	99.8	100.0	
GE 800				70.2	81.1	85.6	89.5	89.9	94.3	96.9	98.2	98.6	99.4	99.7	99.8	99.8	100.0	
GE 700				70.2	81.1	85.6	89.5	89.9	94.3	96.9	98.2	98.6	99.4	99.8	99.9	99.9	100.0	
GE 600				70.2	81.1	85.6	89.5	89.9	94.3	96.9	98.2	98.6	99.4	99.8	99.9	99.9	100.0	
GE 500				70.2	81.1	85.6	89.5	89.9	94.3	96.9	98.2	98.6	99.4	99.8	99.9	99.9	100.0	
GE 400				70.2	81.1	85.6	89.5	89.9	94.3	96.9	98.2	98.6	99.4	99.8	99.9	99.9	100.0	
GE 300				70.2	81.1	85.6	89.5	89.9	94.3	96.9	98.2	98.6	99.4	99.8	99.9	99.9	100.0	
GE 200				70.2	81.1	85.6	89.5	89.9	94.3	96.9	98.2	98.6	99.4	99.8	99.9	99.9	100.0	
GE 100				70.2	81.1	85.6	89.5	89.9	94.3	96.9	98.2	98.6	99.4	99.8	99.9	99.9	100.0	
GE 00				70.2	81.1	85.6	89.5	89.9	94.3	96.9	98.2	98.6	99.4	99.8	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 6446

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(IST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			85.4	90.4	93.0	94.6	94.7	96.5	97.3	98.1	98.3	99.0	99.9	99.9	99.9	99.9	99.9
GE 4500			85.2	90.4	93.0	94.6	94.7	96.5	97.3	98.1	98.3	99.0	99.9	99.9	99.9	99.9	99.9
GE 4000			85.2	90.4	93.0	94.6	94.7	96.5	97.3	98.1	98.3	99.0	99.9	99.9	99.9	99.9	99.9
GE 3500			85.4	90.6	93.1	94.7	94.8	96.6	97.5	98.2	98.4	99.2	100.0	100.0	100.0	100.0	100.0
GE 3000			85.4	90.6	93.1	94.7	94.8	96.6	97.5	98.2	98.4	99.2	100.0	100.0	100.0	100.0	100.0
GE 2500			85.4	90.6	93.1	94.7	94.8	96.6	97.5	98.2	98.4	99.2	100.0	100.0	100.0	100.0	100.0
GE 2000			85.4	90.6	93.1	94.7	94.8	96.6	97.5	98.2	98.4	99.2	100.0	100.0	100.0	100.0	100.0
GE 1800			85.4	90.6	93.1	94.7	94.8	96.6	97.5	98.2	98.4	99.2	100.0	100.0	100.0	100.0	100.0
GE 1500			85.4	90.6	93.1	94.7	94.8	96.6	97.5	98.2	98.4	99.2	100.0	100.0	100.0	100.0	100.0
GE 1200			85.4	90.6	93.1	94.7	94.8	96.6	97.5	98.2	98.4	99.2	100.0	100.0	100.0	100.0	100.0
GE 1000			85.4	90.6	93.1	94.7	94.8	96.6	97.5	98.2	98.4	99.2	100.0	100.0	100.0	100.0	100.0
GE 900			85.4	90.6	93.1	94.7	94.8	96.6	97.5	98.2	98.4	99.2	100.0	100.0	100.0	100.0	100.0
GE 800			85.4	90.6	93.1	94.7	94.8	96.6	97.5	98.2	98.4	99.2	100.0	100.0	100.0	100.0	100.0
GE 700			85.4	90.6	93.1	94.7	94.8	96.6	97.5	98.2	98.4	99.2	100.0	100.0	100.0	100.0	100.0
GE 600			85.4	90.6	93.1	94.7	94.8	96.6	97.5	98.2	98.4	99.2	100.0	100.0	100.0	100.0	100.0
GE 500			85.4	90.6	93.1	94.7	94.8	96.6	97.5	98.2	98.4	99.2	100.0	100.0	100.0	100.0	100.0
GE 400			85.4	90.6	93.1	94.7	94.8	96.6	97.5	98.2	98.4	99.2	100.0	100.0	100.0	100.0	100.0
GE 300			85.4	90.6	93.1	94.7	94.8	96.6	97.5	98.2	98.4	99.2	100.0	100.0	100.0	100.0	100.0
GE 200			85.4	90.6	93.1	94.7	94.8	96.6	97.5	98.2	98.4	99.2	100.0	100.0	100.0	100.0	100.0
GE 100			85.4	90.6	93.1	94.7	94.8	96.6	97.5	98.2	98.4	99.2	100.0	100.0	100.0	100.0	100.0
GE 0			85.4	90.6	93.1	94.7	94.8	96.6	97.5	98.2	98.4	99.2	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 427

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000				74.7	82.6	85.9	90.7	90.9	94.3	96.1	97.1	97.4	98.8	98.9	99.1	99.1	99.8
GE 4500				74.7	82.6	85.9	90.7	90.9	94.3	96.1	97.1	97.4	98.8	98.9	99.1	99.1	99.8
GE 4000				74.7	82.6	86.1	91.0	91.1	94.5	96.3	97.3	97.7	99.0	99.1	99.4	99.4	100.0
GE 3500				74.7	82.8	86.1	91.0	91.1	94.5	96.3	97.3	97.7	99.0	99.1	99.4	99.4	100.0
GE 3000				74.7	82.8	86.1	91.0	91.1	94.5	96.3	97.3	97.7	99.0	99.1	99.4	99.4	100.0
GE 2500				74.7	82.8	86.1	91.0	91.1	94.5	96.3	97.3	97.7	99.0	99.1	99.4	99.4	100.0
GE 2000				74.7	82.8	86.1	91.0	91.1	94.5	96.3	97.3	97.7	99.0	99.1	99.4	99.4	100.0
GE 1800				74.7	82.8	86.1	91.0	91.1	94.5	96.3	97.3	97.7	99.0	99.1	99.4	99.4	100.0
GE 1600				74.7	82.8	86.1	91.0	91.1	94.5	96.3	97.3	97.7	99.0	99.1	99.4	99.4	100.0
GE 1400				74.7	82.8	86.1	91.0	91.1	94.5	96.3	97.3	97.7	99.0	99.1	99.4	99.4	100.0
GE 1200				74.7	82.8	86.1	91.0	91.1	94.5	96.3	97.3	97.7	99.0	99.1	99.4	99.4	100.0
GE 1000				74.7	82.8	86.1	91.0	91.1	94.5	96.3	97.3	97.7	99.0	99.1	99.4	99.4	100.0
GE 900				74.7	82.8	86.1	91.0	91.1	94.5	96.3	97.3	97.7	99.0	99.1	99.4	99.4	100.0
GE 800				74.7	82.8	86.1	91.0	91.1	94.5	96.3	97.3	97.7	99.0	99.1	99.4	99.4	100.0
GE 700				74.7	82.8	86.1	91.0	91.1	94.5	96.3	97.3	97.7	99.0	99.1	99.4	99.4	100.0
GE 600				74.7	82.8	86.1	91.0	91.1	94.5	96.3	97.3	97.7	99.0	99.1	99.4	99.4	100.0
GE 500				74.7	82.8	86.1	91.0	91.1	94.5	96.3	97.3	97.7	99.0	99.1	99.4	99.4	100.0
GE 400				74.7	82.8	86.1	91.0	91.1	94.5	96.3	97.3	97.7	99.0	99.1	99.4	99.4	100.0
GE 300				74.7	82.8	86.1	91.0	91.1	94.5	96.3	97.3	97.7	99.0	99.1	99.4	99.4	100.0
GE 200				74.7	82.8	86.1	91.0	91.1	94.5	96.3	97.3	97.7	99.0	99.1	99.4	99.4	100.0
GE 100				74.7	82.8	86.1	91.0	91.1	94.5	96.3	97.3	97.7	99.0	99.1	99.4	99.4	100.0
GE 0				74.7	82.8	86.1	91.0	91.1	94.5	96.3	97.3	97.7	99.0	99.1	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 821

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4		0
.....																	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000	55.8	68.5	76.6	83.3	84.2	91.0	94.2	96.4	97.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8
GE 4500	55.8	68.5	76.6	83.3	84.2	91.0	94.2	96.4	97.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8
GE 4000	56.1	68.8	76.9	83.6	84.5	91.3	94.4	96.6	97.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	56.1	68.8	76.9	83.6	84.5	91.3	94.4	96.6	97.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	56.1	68.8	76.9	83.6	84.5	91.3	94.4	96.6	97.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	56.1	68.8	76.9	83.6	84.5	91.3	94.4	96.6	97.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	56.1	68.8	76.9	83.6	84.5	91.3	94.4	96.6	97.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	56.1	68.8	76.9	83.6	84.5	91.3	94.4	96.6	97.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600	56.1	68.8	76.9	83.6	84.5	91.3	94.4	96.6	97.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400	56.1	68.8	76.9	83.6	84.5	91.3	94.4	96.6	97.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	56.1	68.8	76.9	83.6	84.5	91.3	94.4	96.6	97.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	56.1	68.8	76.9	83.6	84.5	91.3	94.4	96.6	97.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	56.1	68.8	76.9	83.6	84.5	91.3	94.4	96.6	97.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	56.1	68.8	76.9	83.6	84.5	91.3	94.4	96.6	97.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	56.1	68.8	76.9	83.6	84.5	91.3	94.4	96.6	97.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	56.1	68.8	76.9	83.6	84.5	91.3	94.4	96.6	97.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	56.1	68.8	76.9	83.6	84.5	91.3	94.4	96.6	97.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	56.1	68.8	76.9	83.6	84.5	91.3	94.4	96.6	97.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	56.1	68.8	76.9	83.6	84.5	91.3	94.4	96.6	97.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	56.1	68.8	76.9	83.6	84.5	91.3	94.4	96.6	97.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	56.1	68.8	76.9	83.6	84.5	91.3	94.4	96.6	97.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	56.1	68.8	76.9	83.6	84.5	91.3	94.4	96.6	97.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 804

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE J		
NO CEIL																		
GE 20000																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
GE 10000																		
GE 9000																		
GE 8000																		
GE 7000																		
GE 6000																		
GE 5000			58.2	72.9	80.8	87.3	88.1	94.1	97.3	98.2	98.7	99.6	99.8	99.9	99.9	99.9		
GE 4500			58.2	72.9	80.8	87.3	88.1	94.1	97.3	98.2	98.7	99.6	99.8	99.9	99.9	99.9		
GE 4000			58.4	73.1	80.9	87.4	88.2	94.2	97.4	98.4	98.8	99.8	99.9	100.0	100.0	100.0		
GE 3500			58.4	73.1	80.9	87.4	88.2	94.2	97.4	98.4	98.8	99.8	99.9	100.0	100.0	100.0		
GE 3000			58.4	73.1	80.9	87.4	88.2	94.2	97.4	98.4	98.8	99.8	99.9	100.0	100.0	100.0		
GE 2500			58.4	73.1	80.9	87.4	88.2	94.2	97.4	98.4	98.8	99.8	99.9	100.0	100.0	100.0		
GE 2000			58.4	73.1	80.9	87.4	88.2	94.2	97.4	98.4	98.8	99.8	99.9	100.0	100.0	100.0		
GE 1800			58.4	73.1	80.9	87.4	88.2	94.2	97.4	98.4	98.8	99.8	99.9	100.0	100.0	100.0		
GE 1600			58.4	73.1	80.9	87.4	88.2	94.2	97.4	98.4	98.8	99.8	99.9	100.0	100.0	100.0		
GE 1400			58.4	73.1	80.9	87.4	88.2	94.2	97.4	98.4	98.8	99.8	99.9	100.0	100.0	100.0		
GE 1200			58.4	73.1	80.9	87.4	88.2	94.2	97.4	98.4	98.8	99.8	99.9	100.0	100.0	100.0		
GE 1000			58.4	73.1	80.9	87.4	88.2	94.2	97.4	98.4	98.8	99.8	99.9	100.0	100.0	100.0		
GE 900			58.4	73.1	80.9	87.4	88.2	94.2	97.4	98.4	98.8	99.8	99.9	100.0	100.0	100.0		
GE 800			58.4	73.1	80.9	87.4	88.2	94.2	97.4	98.4	98.8	99.8	99.9	100.0	100.0	100.0		
GE 700			58.4	73.1	80.9	87.4	88.2	94.2	97.4	98.4	98.8	99.8	99.9	100.0	100.0	100.0		
GE 600			58.4	73.1	80.9	87.4	88.2	94.2	97.4	98.4	98.8	99.8	99.9	100.0	100.0	100.0		
GE 500			58.4	73.1	80.9	87.4	88.2	94.2	97.4	98.4	98.8	99.8	99.9	100.0	100.0	100.0		
GE 400			58.4	73.1	80.9	87.4	88.2	94.2	97.4	98.4	98.8	99.8	99.9	100.0	100.0	100.0		
GE 300			58.4	73.1	80.9	87.4	88.2	94.2	97.4	98.4	98.8	99.8	99.9	100.0	100.0	100.0		
GE 200			58.4	73.1	80.9	87.4	88.2	94.2	97.4	98.4	98.8	99.8	99.9	100.0	100.0	100.0		
GE 100			58.4	73.1	80.9	87.4	88.2	94.2	97.4	98.4	98.8	99.8	99.9	100.0	100.0	100.0		
GE 0			58.4	73.1	80.9	87.4	88.2	94.2	97.4	98.4	98.8	99.8	99.9	100.0	100.0	100.0		

TOTAL NUMBER OF OBSERVATIONS: 850

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS (LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 29

UNCLASSIFIED

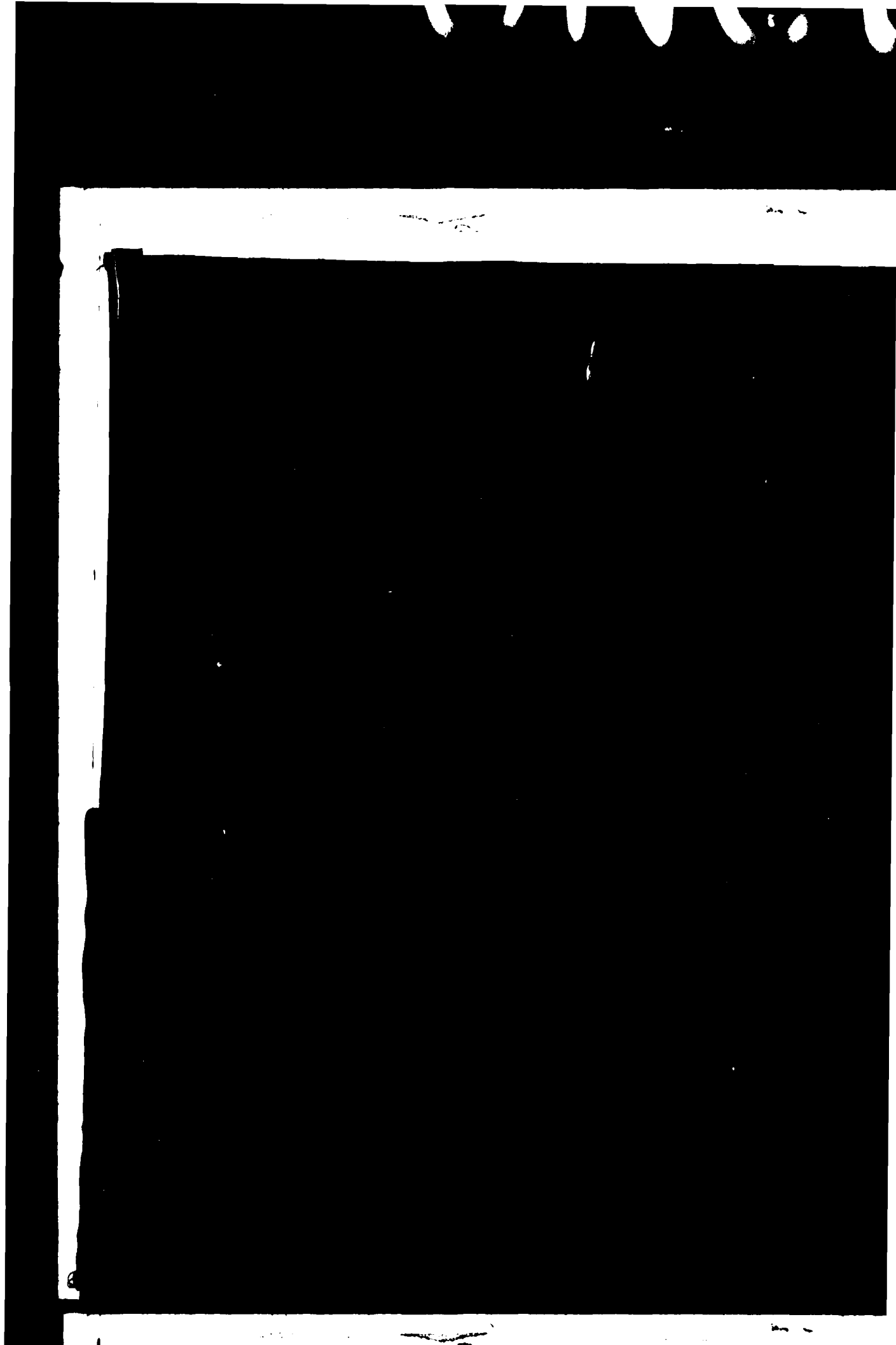
AL JUBAYL/DHAHRAN SAUDI ARABIA LIMITED SURFACE
OBSERVATIONS CLIMATIC SUMM..(U) AIR FORCE ENVIRONMENTAL
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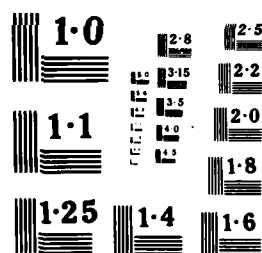
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404167 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(IST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES													
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000															
GE 4500															
GE 4000															
GE 3500															
GE 3000															
GE 2500															
GE 2000															
GE 1800															
GE 1600															
GE 1400															
GE 1200															
GE 1000															
GE 900															
GE 800															
GE 700															
GE 600															
GE 500															
GE 400															
GE 300															
GE 200															
GE 100															
GE 0															

TOTAL NUMBER OF OBSERVATIONS: 959

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
.....																	
NO CEIL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000			79.0	89.3	93.1	94.9	95.5	97.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE	4500			79.0	89.3	93.1	94.9	95.5	97.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE	4000			79.0	89.3	93.1	94.9	95.5	97.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE	3500			79.0	89.3	93.1	94.9	95.5	97.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE	3000			79.0	89.3	93.1	94.9	95.5	97.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE	2500			79.0	89.3	93.1	94.9	95.5	97.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE	2000			79.0	89.3	93.1	94.9	95.5	97.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE	1800			79.0	89.3	93.1	94.9	95.5	97.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE	1500			79.0	89.3	93.1	94.9	95.5	97.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE	1200			79.0	89.3	93.1	94.9	95.5	97.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE	1000			79.0	89.3	93.1	94.9	95.5	97.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE	900			79.0	89.3	93.1	94.9	95.5	97.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE	800			79.0	89.3	93.1	94.9	95.5	97.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE	700			79.0	89.3	93.1	94.9	95.5	97.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE	600			79.0	89.3	93.1	94.9	95.5	97.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE	500			79.0	89.3	93.1	94.9	95.5	97.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE	400			79.0	89.3	93.1	94.9	95.5	97.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE	300			79.0	89.3	93.1	94.9	95.5	97.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE	200			79.0	89.3	93.1	94.9	95.5	97.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE	100			79.0	89.3	93.1	94.9	95.5	97.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE	0			79.0	89.3	93.1	94.9	95.5	97.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0
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TOTAL NUMBER OF OBSERVATIONS: 958

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 40416Q STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS (LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GL 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL 1																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
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GE 1600																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 238

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAMRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000			72.7	83.1	88.0	91.6	91.9	95.5	97.2	98.3	98.5	99.4	99.6	99.8	99.8	99.9
GE	4500			72.7	83.1	88.0	91.6	91.9	95.5	97.2	98.3	98.5	99.4	99.6	99.8	99.8	99.9
GE	4000			72.7	83.2	88.1	91.7	92.0	95.6	97.2	98.3	98.6	99.5	99.7	99.9	99.9	100.0
GE	3500			72.7	83.2	88.1	91.7	92.0	95.6	97.2	98.3	98.6	99.5	99.7	99.9	99.9	100.0
GE	3000			72.7	83.2	88.1	91.7	92.0	95.6	97.2	98.3	98.6	99.5	99.7	99.9	99.9	100.0
GE	2500			72.7	83.2	88.1	91.7	92.0	95.6	97.2	98.3	98.6	99.5	99.7	99.9	99.9	100.0
GE	2000			72.7	83.2	88.1	91.7	92.0	95.6	97.2	98.3	98.6	99.5	99.7	99.9	99.9	100.0
GE	1800			72.7	83.2	88.1	91.7	92.0	95.6	97.2	98.3	98.6	99.5	99.7	99.9	99.9	100.0
GE	1500			72.7	83.2	88.1	91.7	92.0	95.6	97.2	98.3	98.6	99.5	99.7	99.9	99.9	100.0
GE	1200			72.7	83.2	88.1	91.7	92.0	95.6	97.2	98.3	98.6	99.5	99.7	99.9	99.9	100.0
GE	1000			72.7	83.2	88.1	91.7	92.0	95.6	97.3	98.4	98.6	99.5	99.7	99.9	99.9	100.0
GE	900			72.7	83.2	88.1	91.7	92.0	95.6	97.3	98.4	98.6	99.5	99.7	99.9	99.9	100.0
GE	800			72.7	83.2	88.1	91.7	92.0	95.6	97.3	98.4	98.6	99.5	99.7	99.9	99.9	100.0
GE	700			72.7	83.2	88.1	91.7	92.0	95.6	97.3	98.4	98.6	99.5	99.7	99.9	99.9	100.0
GE	600			72.7	83.2	88.1	91.7	92.0	95.6	97.3	98.4	98.6	99.5	99.7	99.9	99.9	100.0
GE	500			72.7	83.2	88.1	91.7	92.0	95.6	97.3	98.4	98.6	99.5	99.7	99.9	99.9	100.0
GE	400			72.7	83.2	88.1	91.7	92.0	95.6	97.3	98.4	98.6	99.5	99.7	99.9	99.9	100.0
GE	300			72.7	83.2	88.1	91.7	92.0	95.6	97.3	98.4	98.6	99.5	99.7	99.9	99.9	100.0
GE	200			72.7	83.2	88.1	91.7	92.0	95.6	97.3	98.4	98.6	99.5	99.7	99.9	99.9	100.0
GE	100			72.7	83.2	88.1	91.7	92.0	95.6	97.3	98.4	98.6	99.5	99.7	99.9	99.9	100.0
GE	0			72.7	83.2	88.1	91.7	92.0	95.6	97.3	98.4	98.6	99.5	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 6666

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(IST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GF 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 907

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			77.9	86.4	91.6	94.7	95.8	97.2	98.4	98.8	98.8	99.3	99.5	99.6	99.6	99.6	
GE 4500			77.9	86.4	91.6	94.7	95.8	97.2	98.4	98.8	98.8	99.3	99.5	99.6	99.6	99.6	
GE 4000			77.9	86.4	91.6	94.7	95.8	97.2	98.4	98.8	98.8	99.3	99.5	99.6	99.6	99.6	
GE 3500			77.9	86.4	91.6	94.7	95.8	97.2	98.4	98.8	98.8	99.3	99.5	99.6	99.6	99.6	
GE 3000			77.9	86.4	91.6	94.7	95.8	97.2	98.4	98.8	98.8	99.3	99.5	99.6	99.6	99.6	
GE 2500			77.9	86.4	91.6	94.7	95.8	97.2	98.4	98.8	98.8	99.3	99.5	99.6	99.6	99.6	
GE 2000			77.9	86.4	91.6	94.7	95.8	97.2	98.4	98.8	98.8	99.3	99.5	99.6	99.6	99.6	
GE 1800			77.9	86.4	91.6	94.7	95.8	97.2	98.4	98.6	98.8	99.3	99.5	99.6	99.6	99.6	
GE 1500			77.9	86.4	91.6	94.7	95.8	97.2	98.4	98.8	98.8	99.3	99.5	99.6	99.6	99.6	
GE 1200			77.9	86.6	91.7	94.9	96.0	97.3	98.5	98.9	98.9	99.4	99.6	99.8	99.8	99.8	
GE 1000			77.9	86.6	91.7	94.9	96.0	97.3	98.5	98.9	98.9	99.4	99.6	99.8	99.8	99.8	
GE 900			77.9	86.6	91.7	94.9	96.0	97.3	98.5	98.9	98.9	99.4	99.6	99.8	99.8	99.8	
GE 800			77.9	86.6	91.7	94.9	96.0	97.3	98.5	98.9	98.9	99.4	99.6	99.8	99.8	99.8	
GE 700			77.9	86.6	91.7	94.9	96.0	97.3	98.5	98.9	98.9	99.4	99.6	99.8	99.8	99.8	
GE 600			77.9	86.6	91.7	94.9	96.0	97.3	98.5	98.9	98.9	99.4	99.6	99.8	99.8	99.8	
GE 500			77.9	86.6	91.7	95.0	96.1	97.4	98.7	99.0	99.0	99.5	99.8	99.9	99.9	99.9	
GE 400			77.9	86.6	91.7	95.0	96.1	97.4	98.7	99.0	99.0	99.5	99.8	99.9	99.9	99.9	
GE 300			77.9	86.6	91.7	95.0	96.1	97.4	98.7	99.0	99.0	99.5	99.8	99.9	99.9	99.9	
GE 200			77.9	86.6	91.7	95.0	96.1	97.4	98.7	99.0	99.0	99.5	99.8	99.9	99.9	99.9	
GE 100			77.9	86.6	91.7	95.0	96.1	97.4	98.7	99.0	99.0	99.5	99.8	99.9	99.9	99.9	
GE 0			77.9	86.6	91.7	95.0	96.1	97.4	98.7	99.0	99.0	99.5	99.8	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 819

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
.....																	
NO CEIL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000																
GE	4500																
GE	4000																
GE	3500																
GE	3000																
GE	2500																
GE	2000																
GE	1800																
GE	1500																
GE	1200																
GE	1000																
GE	900																
GE	800																
GE	700																
GE	600																
GE	500																
GE	400																
GE	300																
GE	200																
GE	100																
GE	0																

TOTAL NUMBER OF OBSERVATIONS: 821

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES														
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			55.4	74.2	82.3	88.9	89.9	95.7	97.8	99.1	99.2	99.5	99.8	100.0	100.0	100.0
GE 4500			55.4	74.2	82.3	88.9	89.9	95.7	97.8	99.1	99.2	99.5	99.8	100.0	100.0	100.0
GE 4000			55.4	74.2	82.3	88.9	89.9	95.7	97.8	99.1	99.2	99.5	99.8	100.0	100.0	100.0
GE 3500			55.4	74.2	82.3	88.9	89.9	95.7	97.8	99.1	99.2	99.5	99.8	100.0	100.0	100.0
GE 3000			55.4	74.2	82.3	88.9	89.9	95.7	97.8	99.1	99.2	99.5	99.8	100.0	100.0	100.0
GE 2500			55.4	74.2	82.3	88.9	89.9	95.7	97.8	99.1	99.2	99.5	99.8	100.0	100.0	100.0
GE 2000			55.4	74.2	82.3	88.9	89.9	95.7	97.8	99.1	99.2	99.5	99.8	100.0	100.0	100.0
GE 1800			55.4	74.2	82.3	88.9	89.9	95.7	97.8	99.1	99.2	99.5	99.8	100.0	100.0	100.0
GE 1500			55.4	74.2	82.3	88.9	89.9	95.7	97.8	99.1	99.2	99.5	99.8	100.0	100.0	100.0
GE 1200			55.4	74.2	82.3	88.9	89.9	95.7	97.8	99.1	99.2	99.5	99.8	100.0	100.0	100.0
GE 1000			55.4	74.2	82.3	88.9	89.9	95.7	97.8	99.1	99.2	99.5	99.8	100.0	100.0	100.0
GE 900			55.4	74.2	82.3	88.9	89.9	95.7	97.8	99.1	99.2	99.5	99.8	100.0	100.0	100.0
GE 800			55.4	74.2	82.3	88.9	89.9	95.7	97.8	99.1	99.2	99.5	99.8	100.0	100.0	100.0
GE 700			55.4	74.2	82.3	88.9	89.9	95.7	97.8	99.1	99.2	99.5	99.8	100.0	100.0	100.0
GE 600			55.4	74.2	82.3	88.9	89.9	95.7	97.8	99.1	99.2	99.5	99.8	100.0	100.0	100.0
GE 500			55.4	74.2	82.3	88.9	89.9	95.7	97.8	99.1	99.2	99.5	99.8	100.0	100.0	100.0
GE 400			55.4	74.2	82.3	88.9	89.9	95.7	97.8	99.1	99.2	99.5	99.8	100.0	100.0	100.0
GE 300			55.4	74.2	82.3	88.9	89.9	95.7	97.8	99.1	99.2	99.5	99.8	100.0	100.0	100.0
GE 200			55.4	74.2	82.3	88.9	89.9	95.7	97.8	99.1	99.2	99.5	99.8	100.0	100.0	100.0
GE 100			55.4	74.2	82.3	88.9	89.9	95.7	97.8	99.1	99.2	99.5	99.8	100.0	100.0	100.0
GE 0			55.4	74.2	82.3	88.9	89.9	95.7	97.8	99.1	99.2	99.5	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 959

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL																		
GE 20000																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
GE 10000																		
GE 9000																		
GE 8000																		
GE 7000																		
GE 6000																		
GE 5000				71.6	85.0	89.0	92.7	93.2	97.1	98.8	99.2	99.3	99.6	99.8	99.9	99.9	99.9	
GE 4500				71.2	85.1	89.1	92.8	93.3	97.2	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	
GE 4000				71.2	85.1	89.1	92.8	93.3	97.2	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	
GE 3500				71.2	85.1	89.1	92.8	93.3	97.2	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	
GE 3000				71.2	85.1	89.1	92.8	93.3	97.2	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	
GE 2500				71.2	85.1	89.1	92.8	93.3	97.2	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	
GE 2000				71.2	85.1	89.1	92.8	93.3	97.2	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	
GE 1800				71.2	85.1	89.1	92.8	93.3	97.2	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	
GE 1500				71.2	85.1	89.1	92.8	93.3	97.2	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	
GE 1200				71.2	85.1	89.1	92.8	93.3	97.2	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	
GE 1000				71.2	85.1	89.1	92.8	93.3	97.2	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	
GE 900				71.2	85.1	89.1	92.8	93.3	97.2	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	
GE 800				71.2	85.1	89.1	92.8	93.3	97.2	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	
GE 700				71.2	85.1	89.1	92.8	93.3	97.2	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	
GE 600				71.2	85.1	89.1	92.8	93.3	97.2	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	
GE 500				71.2	85.1	89.1	92.8	93.3	97.2	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	
GE 400				71.2	85.1	89.1	92.8	93.3	97.2	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	
GE 300				71.2	85.1	89.1	92.8	93.3	97.2	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	
GE 200				71.2	85.1	89.1	92.8	93.3	97.2	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	
GE 100				71.2	85.1	89.1	92.8	93.3	97.2	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	
GE 0				71.2	85.1	89.1	92.8	93.3	97.2	98.9	99.3	99.4	99.8	99.9	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 853

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000				87.1	89.4	93.4	96.0	96.4	98.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0
GE 4500				87.1	89.4	93.4	96.0	96.4	98.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0
GE 4000				87.1	89.4	93.4	96.0	96.4	98.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0
GE 3500				87.1	89.4	93.4	96.0	96.4	98.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0
GE 3000				87.1	89.4	93.4	96.0	96.4	98.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0
GE 2500				87.1	89.4	93.4	96.0	96.4	98.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0
GE 2000				87.1	89.4	93.4	96.0	96.4	98.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0
GE 1800				87.1	89.4	93.4	96.0	96.4	98.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0
GE 1500				87.1	89.4	93.4	96.0	96.4	98.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0
GE 1200				87.1	89.4	93.4	96.0	96.4	98.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0
GE 1000				87.1	89.4	93.4	96.0	96.4	98.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0
GE 900				87.1	89.4	93.4	96.0	96.4	98.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0
GE 800				87.1	89.4	93.4	96.0	96.4	98.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0
GE 700				87.1	89.4	93.4	96.0	96.4	98.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0
GE 600				87.1	89.4	93.4	96.0	96.4	98.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0
GE 500				87.1	89.4	93.4	96.0	96.4	98.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0
GE 400				87.1	89.4	93.4	96.0	96.4	98.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0
GE 300				87.1	89.4	93.4	96.0	96.4	98.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0
GE 200				87.1	89.4	93.4	96.0	96.4	98.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0
GE 100				87.1	89.4	93.4	96.0	96.4	98.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0
GE 0				87.1	89.4	93.4	96.0	96.4	98.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 978

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS (LST): 1900-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	7/16	1/4	U	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1600																	
GE 1400																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 258

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			86.5	92.1	96.5	98.4	98.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500			86.5	92.1	96.5	98.4	98.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000			86.5	92.1	96.5	98.4	98.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500			86.5	92.1	96.5	98.4	98.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000			86.5	92.1	96.5	98.4	98.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500			86.5	92.1	96.5	98.4	98.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000			86.5	92.1	96.5	98.4	98.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800			86.5	92.1	96.5	98.4	98.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600			86.5	92.1	96.5	98.4	98.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400			86.5	92.1	96.5	98.4	98.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200			86.5	92.1	96.5	98.4	98.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000			86.5	92.1	96.5	98.4	98.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900			86.5	92.1	96.5	98.4	98.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800			86.5	92.1	96.5	98.4	98.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700			86.5	92.1	96.5	98.4	98.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600			86.5	92.1	96.5	98.4	98.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500			86.5	92.1	96.5	98.4	98.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400			86.5	92.1	96.5	98.4	98.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300			86.5	92.1	96.5	98.4	98.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200			86.5	92.1	96.5	98.4	98.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100			86.5	92.1	96.5	98.4	98.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0			86.5	92.1	96.5	98.4	98.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOTAL NUMBER OF OBSERVATIONS:			338													

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404167 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84

MONTH: OCT HOURS(LST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 246

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4		
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 799

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			86.6	91.3	92.6	93.4	93.4	94.1	94.5	94.5	94.5	94.5	94.7	94.7	95.3	95.5	99.1
GE 4500			86.6	91.3	92.6	93.4	93.4	94.1	94.5	94.5	94.5	94.5	94.7	94.7	95.3	95.5	99.1
GE 4000			86.6	91.3	92.6	93.4	93.4	94.1	94.5	94.5	94.5	94.5	94.7	94.7	95.3	95.5	99.1
GE 3500			86.6	91.4	92.7	93.6	93.6	94.2	94.6	94.6	94.6	94.6	94.8	94.8	95.5	95.6	99.2
GE 3000			86.6	91.8	93.1	93.9	93.9	94.6	95.0	95.0	95.0	95.2	95.2	95.2	95.8	96.0	99.6
GE 2500			86.6	91.8	93.1	93.9	93.9	94.6	95.0	95.0	95.0	95.2	95.2	95.2	95.8	96.0	99.6
GE 2000			86.6	91.8	93.1	93.9	93.9	94.6	95.0	95.0	95.0	95.2	95.2	95.2	95.8	96.0	99.6
GE 1800			86.6	91.8	93.1	93.9	93.9	94.6	95.0	95.0	95.0	95.2	95.2	95.2	95.8	96.0	99.6
GE 1500			86.6	91.8	93.1	93.9	93.9	94.6	95.0	95.0	95.0	95.2	95.2	95.2	95.8	96.0	99.6
GE 1200			86.6	91.8	93.1	93.9	93.9	94.6	95.0	95.0	95.0	95.2	95.2	95.2	95.8	96.0	99.6
GE 1000			86.6	91.8	93.1	93.9	93.9	94.6	95.0	95.0	95.0	95.2	95.2	95.2	95.8	96.0	99.6
GE 900			86.6	91.8	93.1	93.9	93.9	94.6	95.0	95.0	95.0	95.2	95.2	95.2	95.8	96.0	99.6
GE 800			86.6	91.8	93.1	93.9	93.9	94.6	95.0	95.0	95.0	95.2	95.2	95.2	95.8	96.0	99.6
GE 700			86.6	91.8	93.1	93.9	93.9	94.6	95.0	95.0	95.0	95.2	95.2	95.2	95.8	96.0	99.6
GE 600			86.6	91.8	93.1	93.9	93.9	94.6	95.0	95.0	95.0	95.2	95.2	95.2	95.8	96.0	99.6
GE 500			86.6	91.8	93.1	93.9	93.9	94.6	95.0	95.0	95.0	95.2	95.2	95.2	95.8	96.0	99.6
GE 400			86.6	91.8	93.1	93.9	93.9	94.6	95.0	95.0	95.0	95.2	95.2	95.2	95.8	96.0	99.6
GE 300			86.6	91.8	93.1	93.9	93.9	94.6	95.0	95.0	95.0	95.2	95.2	95.2	95.8	96.0	99.6
GE 200			86.6	91.8	93.1	93.9	93.9	94.6	95.0	95.0	95.0	95.2	95.2	95.2	95.8	96.0	99.6
GE 100			86.6	91.8	93.1	93.9	93.9	94.6	95.0	95.0	95.0	95.2	95.2	95.2	95.8	96.0	99.6
GE 0			86.6	91.8	93.1	93.9	93.9	94.6	95.0	95.0	95.0	95.2	95.2	95.2	95.8	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 793

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(IST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GL 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000		89.7	94.1	95.5	96.3	96.3	96.8	97.0	97.0	97.0	97.2	97.5	97.6	97.6	99.5	
GE	4500		89.7	94.1	95.5	96.3	96.3	96.8	97.0	97.0	97.0	97.2	97.5	97.6	97.6	99.5	
GE	4000		89.7	94.1	95.5	96.3	96.3	96.8	97.0	97.0	97.0	97.2	97.5	97.6	97.6	99.5	
GE	3500		89.7	94.1	95.5	96.3	96.3	96.8	97.0	97.0	97.0	97.2	97.5	97.6	97.6	99.5	
GE	3000		89.7	94.1	95.5	96.3	96.3	96.8	97.0	97.0	97.0	97.2	97.5	97.6	97.6	99.5	
GE	2500		89.7	94.1	95.5	96.3	96.3	96.8	97.0	97.0	97.0	97.2	97.5	97.6	97.6	99.5	
GE	2000		89.7	94.1	95.5	96.3	96.3	96.8	97.0	97.0	97.0	97.2	97.5	97.6	97.6	99.5	
GE	1800		89.7	94.1	95.5	96.3	96.3	96.8	97.0	97.0	97.0	97.2	97.5	97.6	97.6	99.5	
GE	1500		89.7	94.1	95.5	96.3	96.3	96.8	97.0	97.0	97.0	97.2	97.5	97.6	97.6	99.5	
GE	1200		89.7	94.1	95.5	96.3	96.3	96.8	97.0	97.0	97.0	97.2	97.5	97.6	97.6	99.5	
GE	1000		89.7	94.1	95.5	96.3	96.3	96.8	97.0	97.0	97.0	97.2	97.5	97.6	97.6	99.5	
GE	900		89.7	94.1	95.5	96.3	96.3	96.8	97.0	97.0	97.0	97.2	97.5	97.6	97.6	99.5	
GE	800		89.7	94.1	95.5	96.3	96.3	96.8	97.0	97.0	97.0	97.2	97.5	97.6	97.6	99.5	
GE	700		89.7	94.1	95.5	96.3	96.3	96.8	97.0	97.0	97.0	97.2	97.5	97.6	97.6	99.5	
GE	600		89.7	94.1	95.5	96.3	96.3	96.8	97.0	97.0	97.0	97.2	97.5	97.6	97.6	99.5	
GE	500		89.7	94.1	95.5	96.3	96.3	96.8	97.0	97.0	97.0	97.2	97.5	97.6	97.6	99.5	
GE	400		89.7	94.1	95.5	96.3	96.3	96.8	97.0	97.0	97.0	97.2	97.5	97.6	97.6	99.5	
GE	300		89.7	94.1	95.5	96.3	96.3	96.8	97.0	97.0	97.0	97.2	97.5	97.6	97.6	99.5	
GE	200		89.7	94.1	95.5	96.3	96.3	96.8	97.0	97.0	97.0	97.2	97.5	97.6	97.6	99.5	
GE	100		89.7	94.1	95.5	96.3	96.3	96.8	97.0	97.0	97.0	97.2	97.5	97.6	97.6	99.5	
GE	0		89.7	94.1	95.5	96.3	96.3	96.8	97.0	97.0	97.0	97.2	97.5	97.6	97.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 758

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(IST): ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
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GE 2500																	
GE 2000																	
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GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 6504

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(IST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
.....																	
NO CEIL																	
.....																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
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GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
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GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
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GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
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GE 800																	
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GE 600																	
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GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
.....																	
GE 0																	
.....																	

TOTAL NUMBER OF OBSERVATIONS: 800

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
.....																	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	
.....																	

TOTAL NUMBER OF OBSERVATIONS: 815

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(IST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000			91.5	98.2	98.6	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	4500			91.5	98.2	98.6	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	4000			91.6	98.3	98.7	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3500			91.6	98.3	98.7	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3000			91.6	98.3	98.7	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2500			91.6	98.3	98.7	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2000			91.6	98.3	98.7	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800			91.6	98.3	98.7	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1500			91.6	98.3	98.7	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200			91.6	98.3	98.7	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000			91.6	98.3	98.7	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900			91.6	98.3	98.7	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	800			91.6	98.3	98.7	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700			91.6	98.3	98.7	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600			91.6	98.3	98.7	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500			91.6	98.3	98.7	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400			91.6	98.3	98.7	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	300			91.6	98.3	98.7	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200			91.6	98.3	98.7	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100			91.6	98.3	98.7	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	0			91.6	98.3	98.7	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000			85.9	95.5	97.1	98.4	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	4500			85.9	95.5	97.1	98.4	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	4000			85.9	95.5	97.1	98.4	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3500			85.9	95.5	97.1	98.4	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3000			85.9	95.5	97.1	98.4	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2500			85.9	95.5	97.1	98.4	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2000			85.9	95.5	97.1	98.4	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800			85.9	95.5	97.1	98.4	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1500			85.9	95.5	97.1	98.4	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200			85.9	95.5	97.1	98.4	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000			85.9	95.5	97.1	98.4	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900			85.9	95.5	97.1	98.4	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	800			85.9	95.5	97.1	98.4	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700			85.9	95.5	97.1	98.4	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600			85.9	95.5	97.1	98.4	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500			85.9	95.5	97.1	98.4	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400			85.9	95.5	97.1	98.4	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	300			85.9	95.5	97.1	98.4	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200			85.9	95.5	97.1	98.4	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100			85.9	95.5	97.1	98.4	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	0			85.9	95.5	97.1	98.4	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 838

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(IST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET		GE 10	GE 6	GE 5	GF 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL																		
GE 26000																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
GE 10000																		
GE 9000																		
GE 8000																		
GE 7000																		
GE 6000																		
GE 5000				71.2	86.7	92.4	95.1	95.3	98.2	98.8	99.3	99.3	99.5	99.5	99.5	99.5	99.5	
GE 4500				71.2	86.7	92.4	95.1	95.3	98.2	98.8	99.3	99.3	99.5	99.5	99.5	99.5	99.5	
GE 4000				71.2	86.7	92.4	95.1	95.3	98.2	98.8	99.3	99.3	99.5	99.5	99.5	99.5	99.5	
GE 3500				71.2	86.7	92.4	95.1	95.3	98.2	98.8	99.3	99.3	99.5	99.5	99.5	99.5	99.5	
GE 3000				71.3	86.8	92.5	95.2	95.4	98.3	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	
GE 2500				71.3	86.8	92.5	95.2	95.4	98.3	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	
GE 2000				71.3	86.8	92.5	95.2	95.4	98.3	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	
GE 1800				71.3	86.8	92.5	95.2	95.4	98.3	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	
GE 1500				71.3	86.8	92.7	95.3	95.6	98.4	99.2	99.6	99.6	99.9	99.9	99.9	99.9	99.9	
GE 1200				71.3	86.8	92.7	95.3	95.6	98.4	99.2	99.6	99.6	99.9	99.9	99.9	99.9	99.9	
GE 1000				71.3	86.8	92.7	95.3	95.6	98.6	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	
GE 900				71.3	86.8	92.7	95.3	95.6	98.6	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	
GE 800				71.3	86.8	92.7	95.3	95.6	98.6	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	
GE 700				71.3	86.8	92.7	95.3	95.6	98.6	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	
GE 600				71.3	86.8	92.7	95.3	95.6	98.6	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	
GE 500				71.3	86.8	92.7	95.3	95.6	98.6	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	
GE 400				71.3	86.8	92.7	95.3	95.6	98.6	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	
GE 300				71.3	86.8	92.7	95.3	95.6	98.6	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	
GE 200				71.3	86.8	92.7	95.3	95.6	98.6	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	
GE 100				71.3	86.8	92.7	95.3	95.6	98.6	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	
GE 0				71.3	86.8	92.7	95.3	95.6	98.6	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAMRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(IST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES														
IN	FEET	GL	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GL	GE	GE	GE
		10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16
NO CEIL																
GE	20000															
GE	18000															
GE	16000															
GE	14000															
GE	12000															
GE	10000															
GE	9000															
GE	8000															
GE	7000															
GE	6000															
GE	5000		64.6	78.4	84.7	88.8	89.1	93.2	94.6	95.9	96.1	96.3	96.7	97.3	97.4	98.7
GE	4500		64.8	78.4	84.7	88.8	89.1	93.2	94.6	95.9	96.1	96.3	96.7	97.3	97.4	98.7
GE	4000		64.8	78.4	84.7	88.8	89.1	93.2	94.6	95.9	96.1	96.3	96.7	97.3	97.4	98.7
GE	3500		64.8	78.4	84.7	88.8	89.1	93.2	94.6	95.9	96.1	96.3	96.7	97.3	97.4	98.7
GE	3000		64.8	78.4	84.7	88.8	89.1	93.2	94.7	96.0	96.3	96.4	96.8	97.4	97.6	98.8
GE	2500		64.8	78.4	84.7	88.8	89.1	93.2	94.7	96.0	96.3	96.4	96.8	97.4	97.6	98.8
GE	2000		64.8	78.4	84.7	88.8	89.1	93.2	94.7	96.0	96.3	96.4	96.8	97.4	97.6	98.8
GE	1800		64.8	78.4	84.7	88.8	89.1	93.2	94.7	96.0	96.3	96.4	96.8	97.4	97.6	98.8
GE	1500		64.8	78.4	84.7	88.8	89.1	93.2	94.7	96.0	96.3	96.4	96.8	97.4	97.6	98.8
GE	1200		64.8	78.4	84.7	88.8	89.1	93.2	94.7	96.0	96.3	96.4	96.8	97.4	97.6	98.8
GE	1000		64.8	78.4	84.7	88.8	89.1	93.2	94.7	96.0	96.3	96.4	96.8	97.4	97.6	98.8
GE	900		64.6	78.4	84.7	88.8	89.1	93.2	94.7	96.0	96.3	96.4	96.8	97.4	97.6	98.8
GE	800		64.8	78.4	84.7	88.8	89.1	93.2	94.7	96.0	96.3	96.4	96.8	97.4	97.6	98.8
GE	700		64.8	78.4	84.7	88.8	89.1	93.2	94.7	96.0	96.3	96.4	96.8	97.4	97.6	98.8
GE	600		65.0	78.6	84.9	89.0	89.2	93.3	94.9	96.1	96.4	96.5	96.9	97.6	97.7	99.0
GE	500		65.0	78.6	84.9	89.0	89.2	93.3	94.9	96.1	96.4	96.5	96.9	97.6	97.7	99.0
GE	400		65.0	78.6	84.9	89.0	89.2	93.3	94.9	96.1	96.4	96.5	96.9	97.6	97.7	99.0
GE	300		65.0	78.6	84.9	89.0	89.2	93.3	94.9	96.1	96.4	96.5	96.9	97.6	97.7	99.0
GE	200		65.0	78.6	84.9	89.0	89.2	93.3	94.9	96.1	96.4	96.5	97.0	97.7	97.8	99.2
GE	100		65.0	78.6	84.9	89.0	89.2	93.3	94.9	96.1	96.4	96.5	97.0	97.7	97.8	99.5
GE	0		65.0	78.6	84.9	89.0	89.2	93.3	94.9	96.1	96.4	96.5	97.0	97.7	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 779

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GF 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			84.4	91.1	92.8	93.4	93.4	94.5	95.4	95.4	95.4	95.6	95.7	96.0	96.0	98.4
GE 4500			84.4	91.1	92.8	93.4	93.4	94.5	95.4	95.4	95.4	95.6	95.7	96.0	96.0	98.4
GE 4000			84.4	91.1	92.8	93.4	93.4	94.5	95.4	95.4	95.4	95.6	95.7	96.0	96.0	98.4
GE 3500			84.4	91.1	92.8	93.4	93.4	94.5	95.4	95.4	95.4	95.6	95.7	96.0	96.0	98.4
GE 3000			84.4	91.1	93.0	93.5	93.5	94.6	95.5	95.5	95.5	95.7	95.9	96.1	96.1	98.5
GE 2500			84.4	91.1	93.0	93.5	93.5	94.6	95.5	95.5	95.5	95.7	95.9	96.1	96.1	98.5
GE 2000			84.4	91.1	93.0	93.5	93.5	94.6	95.5	95.5	95.5	95.7	95.9	96.1	96.1	98.5
GE 1800			84.4	91.1	93.0	93.5	93.5	94.6	95.5	95.5	95.5	95.7	95.9	96.1	96.1	98.5
GE 1500			84.4	91.2	93.1	93.6	93.6	94.7	95.6	95.6	95.6	95.9	96.0	96.2	96.2	98.6
GE 1200			84.4	91.2	93.1	93.6	93.6	94.7	95.6	95.6	95.6	95.9	96.0	96.2	96.2	98.6
GE 1000			84.6	91.3	93.2	93.7	93.7	94.9	95.7	95.7	95.7	96.0	96.1	96.4	96.4	98.7
GE 900			84.6	91.3	93.2	93.7	93.7	94.9	95.7	95.7	95.7	96.0	96.1	96.4	96.4	98.7
GE 800			84.6	91.3	93.2	93.7	93.7	94.9	95.7	95.7	95.7	96.0	96.1	96.4	96.4	98.7
GE 700			84.6	91.3	93.2	93.7	93.7	94.9	95.7	95.7	95.7	96.0	96.1	96.4	96.4	98.7
GE 600			84.6	91.3	93.2	93.7	93.7	94.9	95.7	95.7	95.7	96.0	96.1	96.4	96.4	98.7
GE 500			84.6	91.3	93.2	93.7	93.7	94.9	95.7	95.7	95.7	96.0	96.1	96.4	96.4	98.7
GE 400			84.6	91.3	93.2	93.7	93.7	94.9	95.7	95.7	95.7	96.0	96.1	96.4	96.4	98.7
GE 300			84.6	91.3	93.2	93.7	93.7	94.9	95.7	95.7	95.7	96.0	96.1	96.4	96.4	98.7
GE 200			84.6	91.3	93.2	93.7	93.7	94.9	95.7	95.7	95.7	96.0	96.2	96.5	96.5	98.9
GE 100			84.7	91.5	93.4	93.9	93.9	95.0	95.9	95.9	95.9	96.1	96.4	96.6	96.6	99.2
GE 0			84.7	91.5	93.4	93.9	93.9	95.0	95.9	95.9	95.9	96.1	96.4	96.6	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS (LST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL																		
GE 20000																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
GE 10000																		
GE 9000																		
GE 8000																		
GE 7000																		
GE 6000																		
GE 5000			90.6	94.9	95.7	96.5	96.5	97.7	98.2	98.5	98.5	98.6	98.6	98.7	98.7	99.6		
GE 4500			90.6	94.9	95.7	96.5	96.5	97.7	98.2	98.5	98.5	98.6	98.6	98.7	98.7	99.6		
GE 4000			90.6	94.9	95.7	96.5	96.5	97.7	98.2	98.5	98.5	98.6	98.6	98.7	98.7	99.6		
GE 3500			90.6	94.9	95.7	96.5	96.5	97.7	98.2	98.5	98.5	98.6	98.6	98.7	98.7	99.6		
GE 3000			90.6	94.9	95.7	96.5	96.5	97.7	98.2	98.5	98.5	98.6	98.6	98.7	98.7	99.6		
GE 2500			90.6	94.9	95.7	96.6	96.6	97.9	98.4	98.6	98.6	98.7	98.7	98.9	98.9	99.7		
GE 2000			90.6	94.9	95.7	96.6	96.6	97.9	98.4	98.6	98.6	98.7	98.7	98.9	98.9	99.7		
GE 1800			90.6	94.9	95.7	96.6	96.6	97.9	98.4	98.6	98.6	98.7	98.7	98.9	98.9	99.7		
GE 1500			90.6	94.9	95.7	96.6	96.6	97.9	98.4	98.6	98.6	98.7	98.7	98.9	98.9	99.7		
GE 1200			90.6	94.9	95.7	96.6	96.6	97.9	98.4	98.6	98.6	98.7	98.7	98.9	98.9	99.7		
GE 1000			90.7	95.0	95.9	96.7	96.7	98.0	98.5	98.7	98.7	98.9	98.9	99.0	99.0	99.9		
GE 900			90.7	95.0	95.9	96.7	96.7	98.0	98.5	98.7	98.7	98.9	98.9	99.0	99.0	99.9		
GE 800			90.7	95.0	95.9	96.7	96.7	98.0	98.5	98.7	98.7	98.9	98.9	99.0	99.0	99.9		
GE 700			90.7	95.0	95.9	96.7	96.7	98.0	98.5	98.7	98.7	98.9	98.9	99.0	99.0	99.9		
GE 600			90.7	95.0	95.9	96.7	96.7	98.0	98.5	98.7	98.7	98.9	98.9	99.0	99.0	99.9		
GE 500			90.7	95.0	95.9	96.7	96.7	98.0	98.5	98.7	98.7	98.9	98.9	99.0	99.0	99.9		
GE 400			90.7	95.0	95.9	96.7	96.7	98.0	98.5	98.7	98.7	98.9	98.9	99.0	99.0	99.9		
GE 300			90.7	95.0	95.9	96.7	96.7	98.0	98.5	98.7	98.7	98.9	98.9	99.0	99.0	99.9		
GE 200			90.7	95.0	95.9	96.7	96.7	98.0	98.5	98.7	98.7	98.9	98.9	99.0	99.0	99.9		
GE 100			90.7	95.0	95.9	96.7	96.7	98.0	98.5	98.7	98.7	98.9	98.9	99.0	99.0	99.9		
GE 0			90.7	95.0	95.9	96.7	96.7	98.0	98.5	98.7	98.7	98.9	98.9	99.0	99.0	100.0		

TOTAL NUMBER OF OBSERVATIONS: 797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): ALL

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000				73.7	84.2	89.5	93.1	93.7	96.8	98.4	99.2	99.2	99.5	99.7	99.8	99.8
GE 4500				73.8	84.3	89.5	93.2	93.7	96.8	98.4	99.2	99.2	99.6	99.7	99.8	99.8
GE 4000				73.8	84.3	89.5	93.2	93.7	96.9	98.4	99.2	99.3	99.6	99.7	99.8	99.9
GE 3500				73.8	84.3	89.5	93.2	93.7	96.9	98.4	99.2	99.3	99.6	99.7	99.8	99.9
GE 3000				73.8	84.3	89.5	93.2	93.7	96.9	98.4	99.2	99.3	99.6	99.7	99.8	99.9
GE 2500				73.8	84.3	89.5	93.2	93.7	96.9	98.4	99.2	99.3	99.6	99.7	99.8	99.9
GE 2000				73.8	84.3	89.5	93.2	93.8	96.9	98.4	99.2	99.3	99.6	99.7	99.9	99.9
GE 1800				73.8	84.3	89.5	93.2	93.8	96.9	98.4	99.2	99.3	99.6	99.7	99.9	99.9
GE 1500				73.8	84.3	89.5	93.2	93.8	96.9	98.4	99.2	99.3	99.6	99.7	99.9	99.9
GE 1200				73.8	84.3	89.5	93.2	93.8	96.9	98.4	99.2	99.3	99.6	99.7	99.9	99.9
GE 1000				73.8	84.3	89.6	93.2	93.8	96.9	98.5	99.2	99.3	99.6	99.8	99.9	99.9
GE 900				73.8	84.3	89.6	93.2	93.8	96.9	98.5	99.2	99.3	99.6	99.8	99.9	99.9
GE 800				73.8	84.3	89.6	93.2	93.8	96.9	98.5	99.2	99.3	99.6	99.8	99.9	99.9
GE 700				73.8	84.3	89.6	93.2	93.8	96.9	98.5	99.2	99.3	99.6	99.8	99.9	99.9
GE 600				73.8	84.3	89.6	93.2	93.8	96.9	98.5	99.2	99.3	99.6	99.8	99.9	99.9
GE 500				73.8	84.3	89.6	93.2	93.8	96.9	98.5	99.3	99.3	99.6	99.8	99.9	99.9
GE 400				73.8	84.3	89.6	93.3	93.9	96.9	98.5	99.3	99.3	99.7	99.8	99.9	99.9 1
GE 300				73.8	84.3	89.6	93.3	93.8	96.9	98.5	99.3	99.3	99.7	99.8	99.9	99.9 1
GE 200				73.8	84.3	89.6	93.3	93.8	96.9	98.5	99.3	99.3	99.7	99.8	99.9	99.9 1
GE 100				73.8	84.3	89.6	93.3	93.8	96.9	98.5	99.3	99.3	99.7	99.8	99.9	99.9 1
GE 0				73.8	84.3	89.6	93.3	93.8	96.9	98.5	99.3	99.3	99.7	99.8	99.9	99.9 1

TOTAL NUMBER OF OBSERVATIONS: 6713

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES														
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000				87.7	94.7	96.4	97.7	97.8	98.7	99.1	99.1	99.1	99.1	99.2	99.3	99.3
GE 4500				87.7	94.7	96.4	97.7	97.8	98.7	99.1	99.1	99.1	99.1	99.2	99.3	99.3
GE 4000				88.2	95.1	96.9	98.1	98.3	99.2	99.5	99.5	99.5	99.5	99.7	99.8	99.8
GE 3500				88.3	95.3	97.0	98.3	98.4	99.3	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 3000				88.3	95.3	97.0	98.3	98.4	99.3	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 2500				88.3	95.3	97.0	98.3	98.4	99.3	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 2000				88.3	95.3	97.0	98.3	98.4	99.3	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 1800				88.3	95.3	97.0	98.3	98.4	99.3	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 1500				88.3	95.3	97.0	98.3	98.4	99.3	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 1200				88.3	95.3	97.0	98.3	98.4	99.3	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 1000				88.3	95.3	97.0	98.3	98.4	99.3	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 900				88.3	95.3	97.0	98.3	98.4	99.3	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 800				88.3	95.3	97.0	98.3	98.4	99.3	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 700				88.3	95.3	97.0	98.3	98.4	99.3	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 600				88.3	95.3	97.0	98.3	98.4	99.3	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 500				88.3	95.3	97.0	98.3	98.4	99.3	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 400				88.3	95.3	97.0	98.3	98.4	99.3	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 300				88.3	95.3	97.0	98.3	98.4	99.3	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 200				88.3	95.3	97.0	98.3	98.4	99.3	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 100				88.3	95.3	97.0	98.3	98.4	99.3	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 0				88.3	95.3	97.0	98.3	98.4	99.3	99.7	99.7	99.7	99.7	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 864

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1500-1700

VISIBILITY IN STATUTE MILES																
CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			87.2	94.2	96.6	97.8	97.8	98.1	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.7
GE 4500			87.2	94.2	96.6	97.8	97.8	98.1	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.7
GE 4000			88.0	95.1	97.4	98.6	98.6	98.9	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.5
GE 3500			88.1	95.2	97.5	98.7	98.7	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6
GE 3000			88.1	95.2	97.5	98.7	98.7	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6
GE 2500			88.2	95.3	97.6	98.8	98.8	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8
GE 2000			88.2	95.3	97.6	98.8	98.8	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8
GE 1800			88.2	95.3	97.6	98.8	98.8	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8
GE 1500			88.2	95.3	97.6	98.8	98.8	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8
GE 1200			88.2	95.3	97.6	98.8	98.8	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8
GE 1000			88.2	95.3	97.6	98.8	98.8	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8
GE 900			88.2	95.3	97.6	98.8	98.8	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8
GE 800			88.2	95.3	97.6	98.8	98.8	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8
GE 700			88.2	95.3	97.6	98.8	98.8	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8
GE 600			88.2	95.3	97.6	98.8	98.8	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8
GE 500			88.2	95.3	97.6	98.8	98.8	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8
GE 400			88.2	95.3	97.6	98.8	98.8	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8
GE 300			88.2	95.3	97.6	98.8	98.8	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.9
GE 200			88.2	95.3	97.6	98.8	98.8	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.9
GE 100			88.2	95.3	97.6	98.8	98.8	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.9
GE 0			88.2	95.3	97.6	98.8	98.8	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.9	100.0
TOTAL NUMBER OF OBSERVATIONS:			951													

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS (LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES														
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			90.5	96.1	96.9	98.0	98.0	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 4500			90.5	96.1	96.9	98.0	98.0	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 4000			91.2	96.9	97.8	98.9	98.9	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 3500			91.2	96.9	97.8	98.9	98.9	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 3000			91.5	97.2	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500			91.5	97.2	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000			91.5	97.2	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800			91.5	97.2	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500			91.5	97.2	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200			91.5	97.2	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000			91.5	97.2	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900			91.5	97.2	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800			91.5	97.2	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700			91.5	97.2	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600			91.5	97.2	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500			91.5	97.2	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400			91.5	97.2	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300			91.5	97.2	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200			91.5	97.2	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100			91.5	97.2	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0			91.5	97.2	98.0	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 811

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(IST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000				91.6	95.7	97.2	97.9	97.9	98.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 4500				91.6	95.7	97.2	97.9	97.9	98.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 4000				92.0	96.3	97.8	98.7	98.7	99.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 3500				92.0	96.3	97.8	98.7	98.7	99.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 3000				92.5	96.8	98.3	99.1	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500				92.5	96.8	98.3	99.1	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000				92.5	96.8	98.3	99.1	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800				92.5	96.8	98.3	99.1	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500				92.5	96.8	98.3	99.1	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200				92.5	96.8	98.3	99.1	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000				92.5	96.8	98.3	99.1	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900				92.5	96.8	98.3	99.1	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800				92.5	96.8	98.3	99.1	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700				92.5	96.8	98.3	99.1	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600				92.5	96.8	98.3	99.1	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500				92.5	96.8	98.3	99.1	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400				92.5	96.8	98.3	99.1	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300				92.5	96.8	98.3	99.1	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200				92.5	96.8	98.3	99.1	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100				92.5	96.8	98.3	99.1	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0				92.5	96.8	98.3	99.1	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 817

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-64
MONTH: OCT HOURS(IST): ALL

CEILING		VISIBILITY IN STATUTE MILES														
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000				85.9	92.8	94.9	96.1	96.2	96.9	97.2	97.4	97.4	97.5	97.6	97.8	97.8
GE 4500				85.9	92.8	94.9	96.1	96.2	97.0	97.2	97.4	97.4	97.5	97.6	97.8	97.9
GE 4000				86.3	93.2	95.3	96.6	96.6	97.4	97.7	97.8	97.9	98.0	98.1	98.3	98.3
GE 3500				86.4	93.3	95.4	96.7	96.7	97.5	97.8	97.9	98.0	98.1	98.2	98.4	98.4
GE 3000				86.6	93.5	95.6	96.9	96.9	97.7	98.0	98.2	98.2	98.3	98.4	98.6	98.6
GE 2500				86.6	93.5	95.6	96.9	97.0	97.7	98.0	98.2	98.2	98.3	98.4	98.6	98.6
GE 2000				86.6	93.5	95.6	96.9	97.0	97.7	98.0	98.2	98.2	98.3	98.4	98.6	98.6
GE 1800				86.6	93.5	95.6	96.9	97.0	97.7	98.0	98.2	98.2	98.3	98.4	98.6	98.6
GE 1500				86.6	93.5	95.6	96.9	97.0	97.7	98.0	98.2	98.2	98.3	98.4	98.6	98.6
GE 1200				86.6	93.5	95.6	96.9	97.0	97.7	98.0	98.2	98.2	98.3	98.4	98.6	98.6
GE 1000				86.6	93.5	95.7	96.9	97.0	97.8	98.0	98.2	98.2	98.3	98.4	98.7	98.7
GE 900				86.6	93.5	95.7	96.9	97.0	97.8	98.0	98.2	98.2	98.3	98.4	98.7	98.7
GE 800				86.6	93.5	95.7	96.9	97.0	97.8	98.1	98.2	98.2	98.3	98.5	98.7	98.7
GE 700				86.6	93.5	95.7	96.9	97.0	97.8	98.1	98.2	98.2	98.3	98.5	98.7	98.7
GE 600				86.6	93.5	95.7	96.9	97.0	97.8	98.1	98.2	98.2	98.3	98.5	98.7	98.7
GE 500				86.6	93.5	95.7	96.9	97.0	97.8	98.1	98.2	98.2	98.3	98.5	98.7	98.7
GE 400				86.6	93.5	95.7	96.9	97.0	97.8	98.1	98.2	98.2	98.3	98.5	98.7	98.7
GE 300				86.6	93.5	95.7	96.9	97.0	97.8	98.1	98.2	98.2	98.3	98.5	98.7	98.7
GE 200				86.6	93.5	95.7	96.9	97.0	97.8	98.1	98.2	98.2	98.3	98.5	98.7	98.7
GE 100				86.6	93.5	95.7	96.9	97.0	97.8	98.1	98.2	98.2	98.3	98.5	98.7	98.7
GE 0				86.6	93.5	95.7	96.9	97.0	97.8	98.1	98.2	98.2	98.3	98.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 6541

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404163 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			92.3	94.5	95.7	95.9	95.9	96.4	96.6	96.6	96.6	96.6	96.7	97.3	97.6	97.7	98.7
GE 4500			92.6	94.6	95.9	96.2	96.2	96.7	96.8	96.8	96.8	96.8	96.9	97.6	97.8	98.0	99.0
GE 4000			91.2	95.4	96.6	96.8	96.8	97.4	97.6	97.6	97.6	97.6	97.7	98.3	98.6	98.7	99.7
GE 3500			93.2	95.4	96.6	96.8	96.8	97.4	97.6	97.6	97.6	97.6	97.7	98.3	98.6	98.7	99.7
GE 3000			93.5	95.7	96.8	97.1	97.1	97.7	97.8	97.8	97.8	97.8	98.0	98.6	98.9	99.0	100.0
GE 2500			93.5	95.7	96.8	97.1	97.1	97.7	97.8	97.8	97.8	97.8	98.0	98.6	98.9	99.0	100.0
GE 2000			93.5	95.7	96.8	97.1	97.1	97.7	97.8	97.8	97.8	97.8	98.0	98.6	98.9	99.0	100.0
GE 1800			93.5	95.7	96.8	97.1	97.1	97.7	97.8	97.8	97.8	97.8	98.0	98.6	98.9	99.0	100.0
GE 1500			93.5	95.7	96.8	97.1	97.1	97.7	97.8	97.8	97.8	97.8	98.0	98.6	98.9	99.0	100.0
GE 1200			93.5	95.7	96.8	97.1	97.1	97.7	97.8	97.8	97.8	97.8	98.0	98.6	98.9	99.0	100.0
GE 1000			93.5	95.7	96.8	97.1	97.1	97.7	97.8	97.8	97.8	97.8	98.0	98.6	98.9	99.0	100.0
GE 900			93.5	95.7	96.8	97.1	97.1	97.7	97.8	97.8	97.8	97.8	98.0	98.6	98.9	99.0	100.0
GE 800			93.5	95.7	96.8	97.1	97.1	97.7	97.8	97.8	97.8	97.8	98.0	98.6	98.9	99.0	100.0
GE 700			93.5	95.7	96.8	97.1	97.1	97.7	97.8	97.8	97.8	97.8	98.0	98.6	98.9	99.0	100.0
GE 600			93.5	95.7	96.8	97.1	97.1	97.7	97.8	97.8	97.8	97.8	98.0	98.6	98.9	99.0	100.0
GE 500			93.5	95.7	96.8	97.1	97.1	97.7	97.8	97.8	97.8	97.8	98.0	98.6	98.9	99.0	100.0
GE 400			93.5	95.7	96.8	97.1	97.1	97.7	97.8	97.8	97.8	97.8	98.0	98.6	98.9	99.0	100.0
GE 300			93.5	95.7	96.8	97.1	97.1	97.7	97.8	97.8	97.8	97.8	98.0	98.6	98.9	99.0	100.0
GE 200			93.5	95.7	96.8	97.1	97.1	97.7	97.8	97.8	97.8	97.8	98.0	98.6	98.9	99.0	100.0
GE 100			93.5	95.7	96.8	97.1	97.1	97.7	97.8	97.8	97.8	97.8	98.0	98.6	98.9	99.0	100.0
GE 0			93.5	95.7	96.8	97.1	97.1	97.7	97.8	97.8	97.8	97.8	98.0	98.6	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 764

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES																
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL																		
GE 20000																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
GE 10000																		
GE 9000																		
GE 8000																		
GE 7000																		
GE 6000																		
GE 5000																		
GE 4500																		
GE 4000																		
GE 3500																		
GE 3000																		
GE 2500																		
GE 2000																		
GE 1800																		
GE 1500																		
GE 1200																		
GE 1000																		
GE 900																		
GE 800																		
GE 700																		
GE 600																		
GE 500																		
GE 400																		
GE 300																		
GE 200																		
GE 100																		
GE 0																		

TOTAL NUMBER OF OBSERVATIONS: 773

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0600-0600

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GF 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000																
GE 4500																
GE 4000																
GE 3500																
GE 3000																
GE 2500																
GE 2000																
GE 1800																
GE 1500																
GE 1200																
GE 1000																
GE 900																
GE 800																
GE 700																
GE 600																
GE 500																
GE 400																
GE 300																
GE 200																
GE 100																
GE 0																

TOTAL NUMBER OF OBSERVATIONS: 765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 434160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS (LST): 0900-1100

CEILING										VISIBILITY IN STATUTE MILES									
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4				
NO CEIL																			
GE 20000																			
GE 18000																			
GE 16000																			
GE 14000																			
GE 12000																			
GE 10000																			
GE 9000																			
GE 8000																			
GE 7000																			
GE 6000																			
GE 5000			81.7	89.7	92.3	93.7	94.0	95.1	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 4500			81.9	89.8	92.4	93.8	94.1	95.3	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 4000			83.4	91.5	94.1	95.5	95.7	96.9	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 3500			83.7	91.8	94.4	95.8	96.1	97.3	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 3000			84.5	92.6	95.4	96.8	97.0	98.2	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2500			84.5	92.6	95.4	96.8	97.0	98.2	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2000			84.7	92.9	95.6	97.0	97.3	98.5	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800			84.7	92.9	95.6	97.0	97.3	98.5	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1500			84.7	92.9	95.6	97.0	97.3	98.5	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200			84.7	92.9	95.6	97.0	97.3	98.5	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000			84.7	92.9	95.6	97.0	97.3	98.5	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 900			84.7	92.9	95.6	97.0	97.3	98.5	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 800			84.7	92.9	95.6	97.0	97.3	98.5	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 700			84.7	92.9	95.6	97.0	97.3	98.5	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 600			84.7	92.9	95.6	97.0	97.3	98.5	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 500			84.7	92.9	95.7	97.2	97.4	98.6	99.4	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 400			84.7	92.9	95.7	97.2	97.4	98.6	99.4	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 300			84.7	92.9	95.7	97.2	97.4	98.6	99.4	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 200			84.7	92.9	95.7	97.2	97.4	98.6	99.4	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100			84.7	92.9	95.7	97.2	97.4	98.6	99.4	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 0			84.7	92.9	95.7	97.2	97.4	98.6	99.4	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 943

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404167 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES														
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																
GE 25000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000																
GE 4500																
GE 4000																
GE 3500																
GE 3000																
GE 2500																
GE 2000																
GE 1800																
GE 1600																
GE 1500																
GE 1200																
GE 1000																
GE 900																
GE 800																
GE 700																
GE 600																
GE 500																
GE 400																
GE 300																
GE 200																
GE 100																
GE 0																

TOTAL NUMBER OF OBSERVATIONS: 815

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(IST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000			88.1	92.3	94.2	94.8	94.8	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3
GE	4500			88.8	93.0	95.0	95.6	95.6	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0
GE	4000			91.1	95.6	97.6	98.2	98.2	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7
GE	3500			91.6	96.0	98.1	98.8	98.8	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3
GE	3000			92.2	96.6	98.7	99.4	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
GE	2500			92.2	96.6	98.8	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE	2000			92.2	96.6	98.8	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE	1800			92.2	96.6	98.8	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE	1500			92.2	96.6	98.8	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE	1200			92.2	96.6	98.8	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE	1000			92.2	96.6	98.8	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE	900			92.2	96.6	98.8	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE	800			92.2	96.6	98.8	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE	700			92.2	96.6	98.8	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE	600			92.2	96.6	98.8	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE	500			92.2	96.6	98.8	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE	400			92.2	96.6	98.8	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE	300			92.2	96.6	98.8	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE	200			92.2	96.6	98.8	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE	100			92.2	96.6	98.8	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE	0			92.2	96.6	98.8	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 832

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(IST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GF 4	GE 3	GE 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1600																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 790

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-64
MONTH: NOV HOURS(IST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES														
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000				95.4	97.5	97.6	97.8	97.8	98.1	98.1	98.1	98.1	98.3	98.3	98.4	98.4
GE 4500				95.5	97.6	97.7	97.9	97.9	98.2	98.2	98.2	98.2	98.4	98.4	98.5	98.5
GE 4000				96.5	98.5	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.5
GE 3500				96.6	98.7	98.8	99.0	99.0	99.3	99.3	99.3	99.3	99.5	99.5	99.6	99.6
GE 3000				96.9	98.9	99.0	99.3	99.3	99.5	99.5	99.5	99.5	99.8	99.8	99.9	99.9
GE 2500				97.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 2000				97.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 1900				97.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 1500				97.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 1200				97.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 1000				97.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 900				97.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 800				97.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 700				97.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 600				97.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 500				97.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 400				97.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 300				97.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 200				97.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 100				97.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 0				97.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 227

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000				88.0	92.4	94.2	94.7	94.7	95.3	95.5	95.7	95.7	95.8	95.9	96.1	96.1	96.6
GE 4500				88.2	92.7	94.4	94.9	95.0	95.5	95.8	95.9	95.9	96.0	96.1	96.3	96.4	96.8
GE 4000				89.6	94.2	96.1	96.5	96.5	97.1	97.3	97.5	97.5	97.6	97.7	97.9	98.0	98.4
GE 3500				90.4	94.5	96.3	96.9	96.9	97.5	97.7	97.9	97.9	98.0	98.1	98.3	98.4	98.9
GE 3000				90.5	95.1	96.9	97.5	97.5	98.0	98.3	98.4	98.4	98.5	98.7	98.9	98.9	99.4
GE 2500				90.6	95.1	97.0	97.5	97.6	98.1	98.4	98.5	98.5	98.6	98.8	98.9	99.0	99.5
GE 2000				90.6	95.2	97.0	97.6	97.6	98.2	98.4	98.6	98.6	98.7	98.8	99.0	99.1	99.6
GE 1800				90.6	95.2	97.0	97.6	97.6	98.2	98.4	98.6	98.6	98.7	98.8	99.0	99.1	99.6
GE 1500				90.7	95.2	97.1	97.6	97.7	98.2	98.4	98.6	98.6	98.7	98.9	99.0	99.1	99.6
GE 1200				90.7	95.2	97.1	97.6	97.7	98.2	98.4	98.6	98.6	98.7	98.9	99.0	99.1	99.6
GE 1000				90.7	95.2	97.1	97.6	97.7	98.2	98.5	98.6	98.6	98.7	98.9	99.1	99.1	99.6
GE 900				90.7	95.2	97.1	97.6	97.7	98.2	98.5	98.6	98.6	98.7	98.9	99.1	99.1	99.6
GE 800				90.7	95.2	97.1	97.6	97.7	98.2	98.5	98.6	98.6	98.7	98.9	99.1	99.1	99.6
GE 700				90.7	95.2	97.1	97.6	97.7	98.2	98.5	98.6	98.6	98.7	98.9	99.1	99.1	99.6
GE 600				90.7	95.2	97.1	97.6	97.7	98.2	98.5	98.6	98.6	98.7	98.9	99.1	99.1	99.6
GE 500				90.7	95.2	97.1	97.6	97.7	98.2	98.5	98.6	98.6	98.7	98.9	99.1	99.1	99.6
GE 400				90.7	95.2	97.1	97.6	97.7	98.2	98.5	98.6	98.6	98.7	98.9	99.1	99.1	99.6
GE 300				90.7	95.2	97.1	97.6	97.7	98.2	98.5	98.6	98.6	98.7	98.9	99.1	99.1	99.6
GE 200				90.7	95.2	97.1	97.6	97.7	98.2	98.5	98.6	98.6	98.7	98.9	99.1	99.1	99.6
GE 100				90.7	95.2	97.1	97.6	97.7	98.2	98.5	98.6	98.6	98.7	98.9	99.1	99.1	99.6
GE 0				90.7	95.2	97.1	97.6	97.7	98.2	98.5	98.6	98.6	98.7	98.9	99.1	99.1	99.6

TOTAL NUMBER OF OBSERVATIONS: 6449

✓

2
01

AL CLIMATOLOGY BRANCH
STAC
EAT PR SERVICE/MAC

SKY COVER

150 AL MURAYT MAHALLA SAUDI ARABIA 75-24
STATION NAME PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL OCCURRENCE
		0	1	2	3	4	5	6	7	8	9	10	
3-32	42.1	4.7			1.2	2.3	4.7	1.2		7.8	1.2	1.2	2.4
4-25	42.3	4.3			8.3	7.3	8.3	4.2		2.3	4.3	10.7	3.1
5-28	32.1	7.1			8.1	8.1	5.6	4.5		7.8	11.8	10.1	4.1
6-11	32.1	8.2			8.2	7.6	2.7	8.8		8.1	11.1	11.1	5.3
7-14	31.1	8.2			7.4	7.1	8.2	8.2		8.1	11.1	11.8	4.7
8-17	29.3	8.1			8.2	8.1	7.4	7.1		1.1	12.1	8.1	4.5
9-20	25.7	8.4			8.9	8.9	6.1	1.1		8.7	7.1	12.1	4.1
10-23	43.5	4.4			8.1	9.1	8.2	4.7		7.1	8.1	1.1	8.1
TOTALS		3.1	8.8		7.2	8.1	8.6	6.4		5.1	7.1	4.1	21.2

✓

75-34

[illegible]

2

✓

STATION 4150 STATION NAME AL JUBAYL/SHAHRAH SAUDI ARABIA PERIOD 75-79

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

✓

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: ALL HOURS(IST): ALL

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			81.6	88.4	91.0	92.9	93.0	94.6	95.4	95.9	96.0	96.3	96.4	96.6	96.6	97.0
GE 4500			81.6	88.5	91.1	92.9	93.1	94.7	95.5	95.9	96.0	96.3	96.5	96.6	96.7	97.0
GE 4000			82.5	89.4	92.1	93.9	94.1	95.7	96.5	97.0	97.1	97.4	97.5	97.7	97.7	98.1
GE 3500			82.7	89.6	92.3	94.2	94.3	96.0	96.8	97.2	97.3	97.6	97.8	97.9	98.0	98.3
GE 3000			83.5	90.6	93.3	95.2	95.4	97.0	97.9	98.3	98.4	98.7	98.9	99.1	99.1	99.5
GE 2500			83.6	90.7	93.4	95.4	95.5	97.2	98.0	98.5	98.5	98.9	99.0	99.2	99.2	99.6
GE 2000			83.6	90.8	93.5	95.5	95.6	97.3	98.1	98.6	98.6	99.0	99.1	99.3	99.3	99.7
GE 1800			83.6	90.8	93.5	95.5	95.6	97.3	98.1	98.6	98.6	99.0	99.1	99.3	99.3	99.7
GE 1500			83.6	90.8	93.6	95.5	95.6	97.3	98.1	98.6	98.7	99.0	99.2	99.3	99.4	99.7
GE 1200			83.7	90.8	93.6	95.5	95.7	97.3	98.2	98.6	98.7	99.0	99.2	99.3	99.4	99.7
GE 1000			83.7	90.8	93.6	95.5	95.7	97.4	98.2	98.6	98.7	99.0	99.2	99.4	99.4	99.8
GE 900			83.7	90.8	93.6	95.5	95.7	97.4	98.2	98.6	98.7	99.0	99.2	99.4	99.4	99.8
GE 800			83.7	90.9	93.6	95.5	95.7	97.4	98.2	98.7	98.8	99.1	99.2	99.4	99.4	99.8
GE 700			83.7	90.9	93.6	95.5	95.7	97.4	98.2	98.7	98.8	99.1	99.2	99.4	99.4	99.8
GE 600			83.7	90.9	93.6	95.5	95.7	97.4	98.2	98.7	98.8	99.1	99.2	99.4	99.4	99.8
GE 500			83.7	90.9	93.6	95.6	95.7	97.4	98.2	98.7	98.8	99.1	99.3	99.4	99.5	99.8
GE 400			83.7	90.9	93.6	95.6	95.7	97.4	98.2	98.7	98.8	99.1	99.3	99.4	99.5	99.8
GE 300			83.7	90.9	93.6	95.6	95.7	97.4	98.2	98.7	98.8	99.1	99.3	99.4	99.5	99.9
GE 200			83.7	90.9	93.6	95.6	95.7	97.4	98.2	98.7	98.8	99.1	99.3	99.5	99.5	99.9
GE 100			83.7	90.9	93.6	95.6	95.7	97.4	98.2	98.7	98.8	99.1	99.3	99.5	99.5	99.9
GE 0			83.7	90.9	93.6	95.6	95.7	97.4	98.2	98.7	98.8	99.1	99.3	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 78916

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(1ST): ALL

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			85.9	89.8	91.3	92.1	92.1	92.7	93.2	93.4	93.5	93.7	93.8	94.0	94.0	94.7
GE 4500			86.0	89.9	91.4	92.1	92.2	92.8	93.3	93.5	93.6	93.8	93.9	94.1	94.2	94.8
GE 4000			87.5	91.5	93.1	93.9	93.9	94.6	95.2	95.4	95.4	95.7	95.8	96.0	96.1	96.7
GE 3500			87.6	91.7	93.3	94.2	94.2	94.9	95.4	95.6	95.7	96.0	96.1	96.3	96.3	97.0
GE 3000			89.1	93.6	95.2	96.1	96.1	96.8	97.4	97.7	97.7	98.0	98.1	98.3	98.3	99.0
GE 2500			89.2	93.7	95.4	96.3	96.3	97.0	97.6	97.8	97.9	98.2	98.3	98.5	98.5	99.2
GE 2000			89.3	93.9	95.6	96.5	96.5	97.2	97.8	98.1	98.1	98.4	98.5	98.7	98.8	99.4
GE 1800			89.4	93.9	95.6	96.5	96.5	97.2	97.8	98.1	98.1	98.4	98.5	98.8	98.8	99.4
GE 1500			89.4	93.9	95.6	96.5	96.5	97.3	97.9	98.1	98.2	98.5	98.6	98.8	98.8	99.5
GE 1200			89.4	93.9	95.6	96.5	96.5	97.3	97.9	98.1	98.2	98.5	98.6	98.8	98.8	99.5
GE 1000			89.4	94.0	95.7	96.6	96.6	97.4	97.9	98.2	98.2	98.5	98.6	98.9	98.9	99.6
GE 900			89.4	94.0	95.7	96.6	96.6	97.4	98.0	98.2	98.3	98.5	98.7	98.9	98.9	99.6
GE 800			89.4	94.0	95.7	96.6	96.6	97.4	98.0	98.2	98.3	98.5	98.7	98.9	98.9	99.6
GE 700			89.4	94.0	95.7	96.6	96.6	97.4	98.0	98.2	98.3	98.5	98.7	98.9	98.9	99.6
GE 600			89.4	94.0	95.7	96.6	96.6	97.4	98.0	98.2	98.3	98.5	98.7	98.9	98.9	99.6
GE 500			89.4	94.0	95.7	96.6	96.6	97.4	98.0	98.2	98.3	98.6	98.7	98.9	98.9	99.6
GE 400			89.5	94.0	95.7	96.6	96.6	97.4	98.0	98.2	98.3	98.6	98.7	98.9	98.9	99.6
GE 300			89.5	94.0	95.7	96.6	96.6	97.4	98.0	98.2	98.3	98.6	98.7	98.9	98.9	99.6
GE 200			89.5	94.0	95.7	96.6	96.6	97.4	98.0	98.2	98.3	98.6	98.7	99.0	99.0	99.7
GE 100			89.5	94.0	95.7	96.6	96.6	97.4	98.0	98.2	98.3	98.6	98.7	99.0	99.0	99.8
GE 0			89.5	94.0	95.7	96.6	96.6	97.4	98.0	98.2	98.3	98.6	98.7	99.0	99.0	100.0
TOTAL NUMBER OF OBSERVATIONS: 6605																

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES														
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			93.9	95.5	96.2	96.3	96.3	96.8	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 4500			93.9	95.5	96.2	96.3	96.3	96.8	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 4000			94.9	96.4	97.1	97.3	97.3	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 3500			94.9	96.4	97.1	97.3	97.3	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 3000			95.9	97.5	98.2	98.3	98.3	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2500			96.1	97.6	98.3	98.4	98.4	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2000			96.1	97.6	98.3	98.4	98.4	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800			96.1	97.6	98.3	98.4	98.4	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1600			96.1	97.6	98.3	98.4	98.4	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1400			96.1	97.6	98.3	98.4	98.4	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200			96.1	97.6	98.3	98.4	98.4	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000			96.2	97.7	98.4	98.6	98.6	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900			96.2	97.7	98.4	98.6	98.6	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800			96.2	97.7	98.4	98.6	98.6	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700			96.2	97.7	98.4	98.6	98.6	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600			96.2	97.7	98.4	98.6	98.6	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500			96.2	97.7	98.4	98.6	98.6	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400			96.3	97.9	98.6	98.7	98.7	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300			96.3	97.9	98.6	98.7	98.7	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200			96.3	97.9	98.6	98.7	98.7	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100			96.3	97.9	98.6	98.7	98.7	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0			96.3	97.9	98.6	98.7	98.7	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 438

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			92.8	94.8	95.5	95.6	95.6	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2
GE 4500			92.8	94.8	95.5	95.6	95.6	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2
GE 4000			94.3	96.2	97.0	97.1	97.1	97.4	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7
GE 3500			94.3	96.2	97.0	97.1	97.1	97.4	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7
GE 3000			95.9	97.8	98.5	98.7	98.7	99.0	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4
GE 2500			96.0	97.9	98.7	98.8	98.8	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5
GE 2000			96.1	98.1	98.8	98.9	98.9	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6
GE 1800			96.1	98.1	98.8	98.9	98.9	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6
GE 1500			96.1	98.1	98.8	98.9	98.9	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6
GE 1200			96.2	98.2	98.9	99.0	99.0	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8
GE 1000			96.5	98.4	99.1	99.3	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 900			96.5	98.4	99.1	99.3	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 800			96.5	98.4	99.1	99.3	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 700			96.5	98.4	99.1	99.3	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 600			96.5	98.4	99.1	99.3	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 500			96.5	98.4	99.1	99.3	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 400			96.5	98.4	99.1	99.3	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 300			96.5	98.4	99.1	99.3	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 200			96.5	98.4	99.1	99.3	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100			96.5	98.4	99.1	99.3	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 0			96.5	98.4	99.1	99.3	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
TOTAL NUMBER OF OBSERVATIONS: 222																

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL																		
GE 20000																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
GE 10000																		
GE 9000																		
GE 8000																		
GE 7000																		
GE 6000																		
GE 5000			86.9	91.0	92.0	93.1	93.1	93.4	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1		
GE 4500			87.1	91.2	92.3	93.3	93.3	93.7	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3		
GE 4000			88.9	93.4	94.6	95.6	95.6	96.0	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8		
GE 3500			89.3	93.9	95.2	96.2	96.2	96.5	97.1	97.3	97.3	97.5	97.5	97.5	97.5	97.5		
GE 3000			90.5	95.5	97.1	98.2	98.2	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8		
GE 2500			90.5	95.5	97.1	98.2	98.2	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8		
GE 2000			90.6	95.7	97.3	98.4	98.4	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0		
GE 1800			90.8	95.7	97.3	98.4	98.4	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0		
GE 1500			90.8	95.7	97.3	98.4	98.4	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0		
GE 1200			90.8	95.7	97.3	98.4	98.4	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0		
GE 1000			90.8	95.7	97.3	98.4	98.4	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0		
GE 900			90.8	95.7	97.3	98.4	98.4	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0		
GE 800			90.8	95.7	97.3	98.4	98.4	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0		
GE 700			90.8	95.7	97.3	98.4	98.4	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0		
GE 600			90.8	95.7	97.3	98.4	98.4	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0		
GE 500			90.8	95.7	97.3	98.4	98.4	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0		
GE 400			90.8	95.7	97.3	98.4	98.4	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0		
GE 300			90.8	95.7	97.3	98.4	98.4	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0		
GE 200			90.8	95.7	97.3	98.4	98.4	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0		
GE 100			90.8	95.7	97.3	98.4	98.4	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0		
GE 0			90.8	95.7	97.3	98.4	98.4	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0		

TOTAL NUMBER OF OBSERVATIONS: 867

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS (LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000			85.3	89.8	91.7	92.3	92.3	93.0	93.2	93.4	93.4	93.6	93.6	93.6	93.6
GE 4500			85.6	90.0	92.0	92.7	92.7	93.4	93.6	93.7	93.7	93.9	93.9	93.9	93.9
GE 4000			87.1	91.5	93.5	94.5	94.5	95.3	95.6	95.7	95.7	95.9	95.9	95.9	95.9
GE 3500			87.3	91.9	93.8	94.9	94.9	95.7	95.9	96.0	96.0	96.3	96.3	96.3	96.3
GE 3000			89.3	94.8	96.7	97.9	97.9	98.8	99.1	99.2	99.2	99.4	99.4	99.4	99.4
GE 2500			89.4	94.9	96.9	98.1	98.1	99.1	99.3	99.4	99.4	99.7	99.7	99.7	99.7
GE 2000			89.5	95.0	97.0	98.3	98.3	99.2	99.4	99.5	99.5	99.8	99.8	99.8	99.8
GE 1800			89.5	95.0	97.0	98.3	98.3	99.2	99.4	99.5	99.5	99.8	99.8	99.8	99.8
GE 1500			89.6	95.1	97.1	98.4	98.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 1200			89.6	95.1	97.1	98.4	98.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 1000			89.6	95.1	97.1	98.4	98.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 900			89.6	95.1	97.1	98.4	98.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 800			89.6	95.1	97.1	98.4	98.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 700			89.6	95.1	97.1	98.4	98.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 600			89.6	95.1	97.1	98.4	98.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 500			89.6	95.1	97.1	98.4	98.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 400			89.6	95.1	97.1	98.4	98.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 300			89.6	95.1	97.1	98.4	98.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 200			89.6	95.1	97.1	98.4	98.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 100			89.6	95.1	97.1	98.4	98.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 0			89.6	95.1	97.1	98.4	98.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 859

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS (LST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE U
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			77.4	84.3	87.1	88.5	88.6	89.7	90.2	90.4	90.4	90.7	91.1	91.3	91.3	91.7
GE 4500			77.4	84.3	87.1	88.6	88.7	89.9	90.4	90.6	90.6	91.0	91.3	91.6	91.6	91.9
GE 4000			79.4	86.6	89.8	91.4	91.6	92.7	93.3	93.6	93.6	94.1	94.5	94.7	94.7	95.1
GE 3500			79.5	87.0	90.2	91.8	91.9	93.1	93.7	93.9	93.9	94.5	94.8	95.1	95.1	95.4
GE 3000			81.1	89.8	93.1	94.7	94.8	96.0	96.6	97.0	97.0	97.5	97.9	98.1	98.1	98.5
GE 2500			81.5	90.3	93.6	95.2	95.3	96.5	97.1	97.4	97.4	98.0	98.4	98.6	98.6	98.9
GE 2000			81.7	90.6	93.9	95.8	95.9	97.1	97.7	98.1	98.1	98.7	99.1	99.3	99.3	99.6
GE 1800			81.8	90.7	94.0	95.9	96.0	97.2	97.8	98.2	98.2	98.8	99.2	99.4	99.4	99.8
GE 1500			81.8	90.7	94.0	95.9	96.0	97.2	97.8	98.2	98.2	98.8	99.2	99.4	99.4	99.8
GE 1200			81.8	90.7	94.0	95.9	96.0	97.2	97.8	98.2	98.2	98.8	99.2	99.4	99.4	99.8
GE 1000			81.8	90.7	94.0	95.9	96.0	97.2	97.8	98.2	98.2	98.8	99.2	99.4	99.4	99.8
GE 900			81.8	90.7	94.0	95.9	96.0	97.3	97.9	98.4	98.4	98.9	99.3	99.5	99.5	99.9
GE 800			81.8	90.7	94.0	95.9	96.0	97.3	97.9	98.4	98.4	98.9	99.3	99.5	99.5	99.9
GE 700			81.8	90.7	94.0	95.9	96.0	97.3	97.9	98.4	98.4	98.9	99.3	99.5	99.5	99.9
GE 600			81.8	90.7	94.0	95.9	96.0	97.3	97.9	98.4	98.4	98.9	99.3	99.5	99.5	99.9
GE 500			81.8	90.7	94.0	95.9	96.0	97.3	97.9	98.4	98.4	98.9	99.3	99.5	99.5	99.9
GE 400			81.8	90.7	94.0	95.9	96.0	97.3	97.9	98.4	98.4	98.9	99.3	99.5	99.5	99.9
GE 300			81.8	90.7	94.0	95.9	96.0	97.3	97.9	98.4	98.4	98.9	99.3	99.5	99.5	99.9
GE 200			81.8	90.7	94.0	95.9	96.0	97.3	97.9	98.4	98.4	98.9	99.3	99.5	99.5	99.9
GE 100			81.8	90.7	94.0	95.9	96.0	97.3	97.9	98.4	98.4	98.9	99.3	99.5	99.5	100.0
GE 0			81.8	90.7	94.0	95.9	96.0	97.3	97.9	98.4	98.4	98.9	99.3	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 353

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	CE	U
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAMRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			85.4	89.1	90.4	91.0	91.0	91.4	92.0	92.6	92.6	93.1	93.2	93.9	94.0	96.0	
GE 4500			85.4	89.1	90.4	91.0	91.0	91.4	92.0	92.6	92.6	93.1	93.2	93.9	94.0	96.0	
GE 4000			86.3	89.9	91.2	91.8	91.8	92.2	92.8	93.4	93.4	93.9	94.0	94.8	94.9	96.8	
GE 3500			86.3	89.9	91.2	91.8	91.8	92.2	92.8	93.4	93.4	93.9	94.0	94.8	94.9	96.8	
GE 3000			87.6	91.4	92.7	93.3	93.3	93.7	94.3	94.9	94.9	95.4	95.5	96.2	96.4	98.3	
GE 2500			87.7	91.5	92.8	93.4	93.4	93.8	94.4	95.0	95.0	95.5	95.6	96.4	96.5	98.4	
GE 2000			87.7	91.6	92.9	93.6	93.6	93.9	94.5	95.1	95.1	95.6	95.7	96.6	96.7	98.7	
GE 1800			87.7	91.6	92.9	93.6	93.6	93.9	94.5	95.1	95.1	95.6	95.7	96.6	96.7	98.7	
GE 1500			87.7	91.6	92.9	93.6	93.6	93.9	94.5	95.1	95.1	95.6	95.7	96.6	96.7	98.7	
GE 1200			87.7	91.6	92.9	93.6	93.6	93.9	94.5	95.1	95.1	95.6	95.7	96.6	96.7	98.7	
GE 1000			87.7	91.6	92.9	93.6	93.6	93.9	94.5	95.1	95.1	95.6	95.7	96.6	96.7	98.7	
GE 900			87.7	91.6	92.9	93.6	93.6	93.9	94.5	95.1	95.1	95.6	95.7	96.6	96.7	98.7	
GE 800			87.7	91.6	92.9	93.6	93.6	93.9	94.5	95.1	95.1	95.6	95.7	96.6	96.7	98.7	
GE 700			87.7	91.6	92.9	93.6	93.6	93.9	94.5	95.1	95.1	95.6	95.7	96.6	96.7	98.7	
GE 600			87.7	91.6	92.9	93.6	93.6	93.9	94.5	95.1	95.1	95.6	95.7	96.6	96.7	98.7	
GE 500			87.7	91.6	92.9	93.6	93.6	93.9	94.5	95.1	95.1	95.6	95.7	96.6	96.7	98.7	
GE 400			87.7	91.6	92.9	93.6	93.6	93.9	94.5	95.1	95.1	95.6	95.7	96.6	96.7	98.7	
GE 300			87.7	91.6	92.9	93.6	93.6	93.9	94.5	95.1	95.1	95.6	95.7	96.6	96.7	98.7	
GE 200			87.7	91.6	92.9	93.6	93.6	93.9	94.5	95.1	95.1	95.6	95.7	96.6	96.7	98.7	
GE 100			87.7	91.6	92.9	93.6	93.6	93.9	94.5	95.1	95.1	95.6	95.7	96.6	96.7	99.0	
GE 0			87.7	91.6	92.9	93.6	93.6	93.9	94.5	95.1	95.1	95.6	95.7	96.6	96.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 922

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 404160 STATION NAME: AL JUBAYL/DHAHRAN SAUDI ARABIA

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE J
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 930

AL CLIMATOLOGY BRANCH
CLIMAC
WEATHER SERVICE/MAC

- 153
STATION

AL JUBAYL/DHAHRAN SAUDI ARABIA

75-24

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	
		0	1	2	3	4	5	6	7	8	9		10
JUN	00-02	55.6	4.1		7.7	7.7	.1	4.		.1	.1	-. .	2.3
	3-05	55.1	5.6		6.8	7.7	5.6	4.9		6.6	5.	6.0	2.3
	6-08	34.3	5.1		6.5	8.9	1 .2	17.6		7.6	8.	6.-	.
	9-11	32.5	6.2		10.0	5.7	8.6	10.4		7.9	1 .	6.-	3
	12-14	37.6	10.2		7.8	9.6	5.3	4.2		11.	8.2	6.-	4.7
	15-17	26.8	7.3		8.4	8.4	7.3	1 .1		11.	11.	5.	4.4
	18-20	27.0	6.6		10.0	12.0	5.0	7.5		14.9	11.6	5.-	4.3
	21-23	43.8	5.5		11.2	5.8	8.7	5.4		..	5.	4.7	.1
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AL CLIMATOLOGY BRANCH
 STAC
 WEATHER SERVICE/MAC

SKY COV

4152 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-04
 STATION STATION NAME PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	
		0	1	2	3	4	5	6	7	8	9		10
01-02	01-02	6.5	5.5		7.1	5.4	4.1	4.1		7.1	2.7	1.1	1.1
03-05	03-05	71.1	2.4		5.5	7.6	3.4	2.7		7.4	2.1	1.7	1.1
06-08	06-08	50.2	10.3		7.9	6.3	4.3	4.7		5.7	5.3	2.1	2.1
09-11	09-11	57.1	5.4		5.2	7.8	5.1	4.7		5.1	6.1	3.4	2.7
12-14	12-14	4.9	0.6		6.9	7.3	5.0	4.4		5.6	6.1	4.7	2.6
15-17	15-17	49.2	6.4		6.4	3.1	5.8	5.4		5.6	7.1	5.4	2.1
18-20	18-20	44.3	8.7		5.9	12.0	4.1	5.8		7.5	5.3	4.1	1.1
21-23	21-23	60.6	5.3		6.5	6.5	5.0	5.0		5.1	2.1	1.1	1.1
TOTALS		5.5	6.1		6.0	6.6	5.1	4.1		5.4	5.1	4.1	2.1

SKY COVE

STATION

AL JUBAYL/DHAHRAN SAUDI ARABIA

75-24

PER 05

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SKY COVE

2

4160	A. J. SAYI / UHAHRAN SAJDI ASABIA	75-84		
STATION	STATION NAME	PERIOD		

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	
		0	1	2	3	4	5	6	7	8	9		10
JAN	0-32	10.1	2.7		1.7	2.2		.4		1.		.	.
	03-05	37.8	2.		4.4	1.4	1.0	1.4		.7	.7	.7	.
	06-08	63.0	3.9		11.0	5.1	2.4	2.6		1.	1.6	1.2	1.5
	09-11	74.7	6.0		6.0	4.3	2.3	1.7		.	2.3	.7	1.
	12-14	73.2	5.0		7.7	4.2	1.2	.4		.	1.2	.4	.7
	15-17	77.	7.6		4.9	5.6	2.3	.7		.7	.7	.7	.
	18-20	75.4	7.3		8.5	2.8	1.6	1.6		2.1	.5		.
	21-23	62.0	1.4		4.1	5.1	2.0	1.4		.7	.7		.7
TOTALS	7-23	10.4			1.2	4.3	1.6	1.3		1.	.	.	.

-157-
STATION

JUBAYL/DHAHRAN SAUDI A-ABIA
STATION NAME

75-64

1800

2000

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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AL CLIMATOLOGY BRANCH
ETAC
HEATER SERVICE/MAC

SKY COVER

4160	AL JUBAYL/DHAHRAN SAUDI ARABIA	75-24		
STATION	STATION NAME	PERIOD		MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
Jan	00-02	97.0			1.0	.5	1.0	.5					.2	2
	03-05	93.0	.7		2.5	1.1		1.1		.		1.0	.4	2
	06-08	83.0	5.0		1.0	4.1	.9			.	.	2.3	.1	2
	09-11	85.1	5.2		1.8	4.2	.3	.7		.	1.0	.3	.	2
	12-14	91.6	2.9		1.5	.4	1.3					.	.3	2
	15-17	94.2	2.7		1.0	1.4	.3			.			.	
	18-20	86.6	2.6		1.0	1.7	1.3	.4		.4	.	.		2
	21-23	96.3	1.1		1.5	1.1							.1	2

SKY COVER

956

[illegible]

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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75-14

1988

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SKY COVER

PLV-02

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USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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AL CLIMATOLOGY BRANCH
 ATC
 WEATHER SERVICE/MAC

SKY COVER

4162 AL JUBAYL/DHAHRA SAUDI ARABIA 75-64
 STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NUMBER OBS
		0	1	2	3	4	5	6	7	8	9	10	
JAN	24.1	40.7	9.1		5.5	2.2	.1	4.7		5.5	6.7	1.1	2.31
FEB		40.4	7.5		7.4	5.8	5.6	.8		5.4	7.5	7.1	1.79
MAR		30.6	6.5		7.9	2.1	5.6	5.4		5.3	5.	1.4	2.10
APR		20.2	6.7		5.3	5.3	7.1	7.7		8.7	1.1	.4	2.40
MAY		15.5	6.3		6.8	6.8	5.1	4.		6.4	5.2	3.1	2.15
JUN		19.6	1.3		3.2	1.9	.7	.7		.		.2	2.123
JUL		7.	.4		2.2	4.0	1.0	1.3		1.	.	.	2.172
AUG		11.1	4.5		5.4	3.1	2.1	1.7		1.	.4	.2	2.13
SEP		5.0	2.5		5.5	1.8	.6	.3		.5	.7	.	2.027
OCT		75.9	1.6		4.2	3.0	2.5	2.5		.3	1.1	1.2	2.50
NOV		22.1	7.3		9.2	6.7	5.2	4.7		4.5	1.3	2.	2.50
DEC		30.	7.7		10.7	3.4	6.7	6.9		7.1	5.	4.	2.10
TOTALS		11.5	1.4		8.5	5.4	4.2	3.9		4.	.1	3.	24.10

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

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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.

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AL CLIMATOLOGY BRANCH

STAD

OFFICE SERVICE/MAO

STATION NAME DUBAYLAHABAN SAUDI ARABIA

73-84

STATION

STATION NAME

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1						1.0	2.5	3.3					
2						12.0	32.7	56.4	3.5				
3				1.3	11.1	51.1	76.7	56.4	26.4	.7			
4				3.4	45.1	81.1	96.3	95.4	72.3	12.6			
5				23.7	79.2	99.7	100.0	100.0	98.1	47.5	1.4		
6				5.1	43.3	87.5	100.0		100.0	75.4	5.5		
7			.7	15.2	68.3	99.4				64.0	21.2	.3	
8				39.0	92.9	100.0				56.3	36.2	7.7	
9	1.1	6.1	39.0	92.9	100.0					101.0	5.2	74.2	
10	3.5	24.9	67.3	97.8							6.0	6.1	
11	37.5	56.8	87.7	100.0							6.7	67.8	
12	73.5	85.0	97.6								100.0	53.7	
13	95.4	95.2	99.4									100.0	
14	99.3	100.0	100.0										
15	100.0												
16													
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MEAN	57.5	7.69	77.7	98.8	98.5	105.3	107.3	105.1	102.1	63.3	21.0	71.2	77.5
S.D.	4.47	5.457	6.989	6.993	5.843	4.173	3.736	3.392	4.086	5.24	5.477	5.537	14.493
TOTAL OBS	273	251	333	312	347	513	326	326	314	31	270	245	779

USAFETAC FORM 0 21 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L



AL CLIMATOLOGICAL DATA

STATION NAME

SAHAY/ZAHRAN SAUDI AFB-14

13-84

STATION

STATION NAME

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

1.1

TEMP OF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1						0.1	0.6						0.7
2						1.1	27.3	22.4					1.1
3					14.1	61.2	69.8	77.1	87.1	8.3			1.1
4				1.7	62.6	94.6	99.7	99.1	93.1	29.6			1.1
5			1.6	39.1	88.6	99.7	100.0	100.0	99.7	61.5	7.7	0.7	51.7
6	0.4	0.4	1.4	69.9	97.4	100.0			100.0	100.0	1.7	0.3	1.6
7	1.1	0.9	45.9	91.0	99.7						100.0	17.8	0.1
8	24.4	4.2	75.6	99.0	100.0							45.6	1.7
9	52.7	7.8	94.6	100.0								100.0	0.7
10	67.1	77.8	100.0										0.4
11	85.2	100.0											0.3
12	100.0												100.0
MEAN	0.5	0.8	58.9	67.3	75.6	91.3	93.2	92.2	77.4	7.8	62.6	53.3	38.2
S.D.	1.764	5.699	6.250	5.275	4.938	4.574	3.671	3.715	3.316	4.994	4.999	5.961	12.564
TOTAL OBS	203	201	333	312	342	313	326	326	314	301	290	298	3719

USAFETAC 0-21.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

75-34

YEARS

55
MONTH

PAGE 1 ~~100-555~~
HOURS 1 5 7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
77 71					.1		.1											5	7																
77 59				.1	.2													1	2																
77 57			.4	.1		.1	.1											5	1																
77 55		1.2	.2	.7	.2			.1										24	24	5															
77 53	.7	3.5	4.5	3.3	.5	1.1	.4											141	141	25	13														
77 51	1.1	3.2	3.2	.5	.2		.2											52	52	92	42														
77 50	1.5	5.4	3.5	1.5	.3		.3											57	93	53	74														
77 57	.7	3.3	1.4	1.2	.5	.1												52	58	84	74														
77 55	.3	5.4	2.7	1.2	.2													42	57	59	58														
77 53	1.4	3.1	1.2	.7	.2													52	55	25	72														
77 51	.9	4.1	4.5	.3	.5	.1	.1											51	51	57	62														
77 49	.2	2.7	2.2	.7	.3													43	44	71	52														
77 47	.9	2.3	1.5	.7														47	41	77	52														
77 45		1.5	.7	.5	.4	.1												27	27	52	57														
77 43				.4														7	7	15	35														
77 41																				12	27														
77 39																				13	14														
77 37																				2	12														
77 35																				1	11														
77 33																					2														
77 31																					10														
77 29																					1														
77 27																					2														
77 25																					1														
77 17																					1														
TOTAL	3.5	41.2	22.2	21.3	2.5	7.1	1.5	1.4	.1										737	742		737													
																					177														

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	5222955	52237	31.5	12.331	737							
Dry Bulb	2417351	42231	55.2	5.795	740			1.4				24
Wet Bulb	2153329	32947	53.3	5.945	737							54
Dew Point	1953335	37523	51.2	7.355	737		1.7					

PSYCHROMETRIC SUMMARY

YEARS MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

75-34

YEARS

MONTH

PAGE 1

414

HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
44/ 43													.3					2	2														
42/ 41												.3						3	3														
40/ 39								.7			.3							3	3														
38/ 37						.3	.3	.1	.1	.3	.2							22	22														
36/ 35						.1	.2	.1	.3	.3	.3	.3						31	32														
34/ 33					.3	.4	.7	.2	.1	.1	.3							108	109														
32/ 31				.3	.3	.5	.5	.1	.3	.1								115	115														
30/ 29		.3	.4	.4	.7	1.3	.5	.5	.1	.1	.3							255	255														
28/ 27	.3		.3	.4	1.1	.9	.9	.4	.2	.3								315	315	10	1												
26/ 25	.3	1.7	1.4	1.3	1.3	1.5	1.4	.5	.1	.3								591	592	98	1												
24/ 23	.3	2.7	1.9	2.5	2.2	3.3	1.3	.5	.1	.3								952	952	324	152												
22/ 21	.4	1.5	1.3	1.5	1.7	.5	.4	.3	.3	.3								512	512	545	224												
20/ 19	.3	2.7	2.7	2.4	1.9	1.3	.5	.1	.3									875	878	532	379												
18/ 17	.4	1.2	1.5	1.4	.7	.5	.2	.3	.2									325	325	714	420												
16/ 15	.4	2.7	2.3	2.3	1.3	.4	.1											523	525	715	431												
14/ 13	.4	1.3	1.9	1.3	.5	.3	.3											412	413	833	520												
12/ 11	.3	2.1	2.5	1.2	.5	.1	.3											455	459	557	519												
10/ 9	.3	1.5	1.2	.5	.2	.1	.3											251	252	722	595												
8/ 7	.5	2.3	.9	.3	.2	.1												311	311	565	584												
6/ 5	.4	1.5	1.3	.4	.1	.3												223	225	335	1010												
44/ 43	.1	.3	.3	.2														54	54	199	457												
42/ 41	.3	.3	.1	.1														34	34	123	352												
40/ 39	.3	.3	.3															5	5	72	259												
38/ 37			.3	.3														4	4	21	226												
36/ 35			.3															1	1	9	103												
34/ 33																				4	115												
32/ 31																				1	75												
30/ 29																					22												
28/ 27																					41												
26/ 25																					12												
24/ 23																					4												
22/ 21																					4												
20/ 19																					3												
Element (X)	Σ X'				Σ X				X̄				s _x				No. Obs.				Mean No. of Hours with Temperature												
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	

PSYCHROMETRIC SUMMARY

174100	AL JUBAYL/DHAKIRAN SAUDI ARABIA
STATION	STATION NAME

75-94

YEARS

1 A
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
74/ 73					.1	.5	.1	.1	.1									1	1																	
73/ 59				.5	.1	.2												5	4																	
5/ 57			.5	.1	.2													3	3																	
53/ 55		.9	2.5	2.3	.4		.1	.2										3	53	5																
54/ 53	.5	5.3	3.7	2.5	.5	.2												103	103	35	15															
52/ 51	.5	2.7	3.7	1.2	1.5	.1		.1										74	74	87	41															
51/ 59	.9	3.5	5.4	3.9	1.5	1.1	.4											144	145	57	63															
51/ 57		2.3	3.9	1.7	.4	.1												59	69	75	55															
55/ 55	1.0	4.2	5.1	4.7	1.0	.2												131	131	85	55															
47/ 53	.1	2.7	3.7	3.7	.7	.2												35	65	123	55															
52/ 51	.2	1.3	4.2	1.1	.5	.2	.1											57	63	131	75															
53/ 49		.5	1.7	.9	.2	.1												29	29	109	68															
45/ 47		1.0	1.0	1.1	.2													27	27	55	53															
45/ 45		.4	.4	.2	.2													10	11	32	114															
44/ 43																		2	2	24	47															
42/ 41																				12	39															
42/ 39																				4	24															
35/ 37																				2	15															
35/ 35																					4															
34/ 33																					13															
32/ 31																					7															
30/ 29																					1															
25/ 27																					7															
25/ 25																					1															
TOTAL	3.2	25.5	35.5	22.7	7.7	2.5	.7	.5										311	311	814	811															

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
NTR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

104150 3L J0347.72144RAN SAJDI 44A314

75-34

YEARS

MONTH

PAGE 1 1401-2000
HOURS: 5-1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73						.4	.1											4	4		
72/ 71					.1	.5	.1											2	2		
70/ 59			.1	.3	1.0	.9	.1		.1									2	27		
68/ 57			.2	.3	1.5	.4												22	27		
66/ 55		2.4	2.5	2.9	1.0	.3	.1											77	77	5	
64/ 53	.4	2.5	3.3	7.5	4.9	1.5	.4											156	155	51	25
62/ 51	.5	1.1	2.1	3.0	4.1	.5	.4	.3										45	45	75	33
60/ 59	.5	3.3	5.4	5.3	4.5	1.3	.5											133	134	73	57
58/ 57		1.1	3.1	4.3	1.5	.3	.4	.1										55	55	114	53
56/ 55	.5	1.3	1.5	3.9	1.9	.5												75	75	123	45
54/ 53	.1	.5	.5	1.0	.5	.3	.1											28	25	125	38
52/ 51		.1	.2	.9	.3	.1												21	21	94	32
50/ 49			.4	.1														4	4	55	31
48/ 47				.2														1	4	35	25
46/ 45																				24	100
44/ 43																				5	46
42/ 41																				2	30
40/ 39																					22
38/ 37																					15
36/ 35																					4
34/ 33																					9
32/ 31																					4
30/ 29																					7
28/ 27																					1
TOTAL	2.3	12.0	21.7	51.5	21.9	7.4	2.4	.4	.1									725	779	793	799
																		725		793	
																				</	

REVIEW PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

FORM 44

USAFETAC

PSYCHROMETRIC SUMMARY

011120	AL JUBAYL/DHAKRAH SAUDI ARABIA	75-34
STATION	STATION NAME	

YEARS

MONTH

PAGE 1 1500-172
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
42/ 31													.1					1	1					
53/ 79									.1									1	1					
73/ 77							.1	.5	.1		.1							8	8					
75/ 75						.4	.5	.5	.2			.1						15	17					
74/ 73							1.4	2.5	.5	.4	.1							42	42					
72/ 71				.1	.3	1.4	1.5	.5	.2	.2								42	42					
70/ 59		.1	1.1	.4	1.5	4.3	1.3	1.1	.5	.2								89	89					
55/ 57			1.2	.5	2.3	2.7	2.5	1.5	.5	.2								98	98	2				
55/ 55	.1	.5	1.1	1.9	3.2	4.7	4.1	1.3	.3									155	155	72				
54/ 53	.2	.3	2.5	5.8	9.1	2.9	1.9	.5	.2									153	193	53				
52/ 51	.2	.9	2.3	2.7	1.5	.3	.3		.1									95	85	30				
50/ 59	.5	.4	1.1	1.9	2.1	2.2	.9	.4	.1									92	92	171				
50/ 57	.2	.1	.2	.2	.7	.5	.2	.1										70	23	143				
50/ 55		.1	.2	.2	.7	.5												15	15	151				
54/ 53					.2													2	2	129				
52/ 51				.1														1	1	56				
50/ 49																			55	5				
45/ 47																			23	8				
45/ 45				.1														1	1	12				
44/ 43																			5	5				
42/ 41																				5				
40/ 39																			1	2				
35/ 37																				2				
35/ 35																				1				
34/ 33																				1				
32/ 31																				1				
30/ 29																								
25/ 27																								
24/ 23																								
22/ 21																								
20/ 19																								
TOTAL	.9	1.9	5.5	10.9	22.0	127.5	17.5	9.3	3.4	1.2	.1	.1	.1					555	555	35				
Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	2329599	47715	55.7	14.295	955	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total												
Dry Bulb	3599592	55292	65.4	4.573	957			32.3	7.5	.2		9												
Wet Bulb	2731924	43128	55.3	4.534	955				.2			2												
Dew Point	2154312	41447	43.4	7.431	955		2.2																	

PSYCHROMETRIC SUMMA

124123	AL JUBAYL/DAHARAY SAUDI ARABIA
STATION	STATION NAME

75-34

YEARS

MONTH

PAGE 1 1233-1
HOURS (L. S.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

434153 AL JUBAYL/DHAKHAN SAUDI ARABIA

75-34

YEARS

MONTH

PAGE 1 0900-1
HOURS L. S.

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																
75/ 75									.1																								1	1	
74/ 73								.5	.1	.2																							7	7	
72/ 71				.3	.2	.2																											7	7	
70/ 59		.1	.9	.9	1.0	1.2	.7	.2	.1																								45	45	
68/ 57			1.5	1.0	1.7	.5	.2	.2																									47	47	
66/ 55		1.9	1.7	2.3	1.3	1.7	1.1	.2	.1	.1																							20	57	
64/ 53		2.0	1.4	3.5	3.1	5.5	1.3	.2																									155	156	
62/ 51	.2	1.7	1.4	2.3	2.3	.5	.5	.5	.1																								35	55	
60/ 59	.3	1.0	3.1	3.5	3.5	2.4	1.3	.2																									134	134	
58/ 57	.2	.9	.9	2.1	1.3	1.7	.3																										54	54	
56/ 55	.1	1.5	2.3	3.5	2.4	.5	.2																										99	99	
54/ 53		.5	1.4	1.2	1.4	.5	.1																										43	43	
52/ 51	.2	.3	1.5	1.5	1.4	.3	.2																										52	52	
50/ 49		.1	.1	.2	.2	.2	.1																										15	15	
48/ 47			.1	.3	.2	.1																											11	11	
46/ 45	.1			.2	.1	.1																											5	5	
44/ 43																																			
42/ 41																																			
40/ 39																																			
38/ 37																																			
36/ 35																																			
34/ 33																																			
32/ 31																																			
30/ 29																																			
28/ 27																																			
26/ 25																																			
24/ 23																																			
22/ 21																																			
TOTAL	1.5	11.9	17.3	24.3	21.3	15.3	5.5	1.9	.5	.1																							359	359	
Element (X)	Σ X ²		Σ X		X		n		No. Obs.		Mean No. of Hours with Temperature						Total																		
Rel. Hum.	3252283		55322		66.115		119		359		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																		
Dry Bulb	3172334		52743		52.4		5.567		352				11.5	.2																					
Wet Bulb	2347382		46522		54.1		5.913		359				.3																						
Dew Point	2274547		41595		48.4		8.391		359				2.9																						

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

PSYCHROMETRIC SUMM

75-34

YEARS

PAGE 1 2573
HOURS ()

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb					
75/ 59								.1										1	1						
55/ 57					.1		.1											2	2						
55/ 55	.1	.4	.5	1.0			.1											17	17	1					
54/ 53	.3	3.7	1.7	.9	.1	.3	.1											52	52	14					
52/ 51	.4	2.1	.5	.3	.1			.1										71	31	48					
50/ 50	1.0	3.3	.4	.4	.3	.1	.3											42	42	32					
53/ 57	.9	1.5	.9	.5	.4	.5												35	35	51					
55/ 55	1.5	4.4	2.4	2.3	.3	.1												24	24	33					
54/ 53	1.3	2.1	2.7	1.7	.5	.3												67	68	57					
52/ 51	.5	3.9	5.3	2.4	.2	.1												123	123	55					
50/ 49	.3	4.4	3.3	1.0	.1	.3												73	73	101					
42/ 47	1.3	7.3	2.4	1.7	.5	.1												112	112	134					
45/ 45	1.0	5.3	3.3	1.4	.8	.1												93	93	113					
44/ 43	.4	.5	1.2	.5														21	21	52					
42/ 41	.3	1.4	.3	.4														19	19	39					
40/ 39		.1	.1	.1														3	3	32					
38/ 37			.1															1	1	11					
35/ 35			.1															1	1	5					
34/ 33																				2					
32/ 31																									
30/ 29																									
28/ 27																									
25/ 25																									
24/ 23																									
TOTAL	10.34	1.3	25.11	5.8	4.7	1.9	.5	.3										721		721					
																		721		721					
</																									

PSYCHROMETRIC SUMM

75-34

YEARS

MON

PAGE 1 3373
HOURS (1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb				
70/ 59				.1														1	1					
58/ 57	.1		.3	.3				.1										12	12	1				
56/ 55	.1	1.0	.7	.9				.1										24	24	1				
54/ 53	.3	2.3	1.5	.1	.3	.4		.1										47	47	25				
52/ 51	.3	1.9	.5	.5	.3	.1												33	33	43				
50/ 50	1.5	3.3	.5	.5	.5													57	57	38				
48/ 57	1.2	1.7	1.5	.9	.4	.5	.1											49	49	50				
50/ 55	2.3	5.2	2.4	1.9	.1	.4												97	97	52				
54/ 53	1.5	4.2	4.0	1.9	.5	.1												95	95	73				
52/ 51	.9	4.5	4.5	1.9	.3	.1												101	101	81				
50/ 49	1.4	4.7	2.7	1.2	.5													77	77	109				
46/ 47	1.7	5.3	1.9	1.2	.5	.3												92	92	111				
46/ 45	1.5	4.7	2.4	.9														59	75	90				
44/ 43	.3	.5	.5	.4														14	14	53				
42/ 41	.1	.5	.5	.1														12	12	29				
40/ 39		.1																1	1	13				
38/ 37			.7	.1														3	3	5				
36/ 35																				1				
34/ 33																				2				
32/ 31																				1				
30/ 29																								
28/ 27																								
26/ 25																								
22/ 21																								
TOTAL	14.24	1.7	24.9	12.9	3.3	1.9	.1	.4										732		782				

REVISED PREVIOUS EDITIONS OF THIS POEM ARE OBSOLETE

JSAFETAC
FORM
0-26-5 (OLA)
JAN 64

PSYCHROMETRIC SUMM

YEARS

PAGE : 211
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb					
73° 59				.1	.1		.3											4	4						
53° 57			.1	.1														2	2						
53° 55		.3	1.2	.9	.3			.3										25	25						
54° 53	.1	5.2	2.6	1.3	.5	.1		.1										75	79	2					
52° 51	.4	2.7	1.1	.5														33	33	5					
52° 59	1.4	5.1	2.2	1.2	.8	.5	.1											88	89	5					
53° 57	.9	1.7	1.7	1.4	1.2	.3												54	54	5					
52° 55	.9	5.6	3.7	1.7	.6	.3												102	102	8					
54° 53	.5	4.7	3.3	2.3	.3	.3												92	92	7					
52° 51	.5	5.4	5.2	1.5	.3	.1												112	112	12					
53° 49	.3	3.4	2.7	1.3	.4	.4												63	63	12					
43° 47	1.7	4.2	1.5	.9	.3													65	65	9					
45° 45	.3	3.1	1.8	.5														45	45	5					
44° 43	.1	1.2	.8	.3														17	17	3					
42° 41		.1	.7	.1														4	4	2					
40° 39			.1															1	1	1					
35° 37																									
25° 35																									
54° 33																									
32° 31																									
33° 29																									
23° 27																									
25° 25																									
TOTAL	7.7	43.7	27.4	13.9	4.5	2.3	.4	.4										794	794						

2
 1. METEOROLOGICAL CLIMATOLOGY BRANCH
 2. ETAC
 3. WEATHER SERVICE/MAC

EXTREME VALL

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

406 21 JUBAYL/DHAHRAN SAUDI ARABIA
 STATION STATION NAME

73-84

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTH
71	7*	41*	46*	57*	64*	71*	77*	75*	73*	64*	51	41	
72	44*	41*	51*	57	64*	71*	71*	73*	73*	60*	50*	44	
73	44*	41*	46*	55*	60*	73*	70	75*	73*	57*	55*		*
74	44*	43*	46*	62*	60*	73*	70*	77*	73*	64	55*	51	*
75	41*	42*	53*	59*	60*	75*	80*	77*	70*	60*	52*	45	*
76	41	45	48*	54	61	70	77*	73	70*	60	55	43	*
77	43*	42	45	55	57	79	77	77*	73	60	50	41	
78	43	41	48	55	50	73	70	75	70	63	54	40	
79	41	41	46	50	60	73	77	75	66	57	52	40	
80	40	45	50	54	70	75	77	79	75	68	52	37	
81	41	41	45	57	70	81	79	73	70	62	59	4	
82	43	41	46	61	63	68	77	75	70	5	55	4	
83													
84													
85													
86													
87													
88													
89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
00													
MEAN	40.0	42.3	47.1	50.3	55.1	74.1	77.6	75.6	70.0	63.7	51.0	40.4	
S.D.	2.864	2.066	1.864	3.015	4.080	4.034	0.976	1.902	2.450	3.630	2.011	3.550	
TOTAL OBS.	243	201	333	312	342	313	326	326	314	301	290	200	

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

* (AT LEAST ONE DAY LESS THAN 24 OBS)

2

IN 4 1 1 P. 241, 2

167	AL JUBAYL/DHAHRAN SAUDI ARABIA
STATION	STATION NAME

73-64

YEARS

INOLE DEGREES FAHRENHEIT

USAF ETAC FORM 0-88-5 (OLA)

FEDERAL CLIMATOLOGY BRANCH

WATER

WATER SERVICE/MAG

STATION 4160 EL JOHAYL/DHAHRAN SAUDI ARABIA

STATION NAME

73-84

YEARS

DAILY TEMPERATURE

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1					1.0	38.7	89.0	39.3	5.4				1
2				1.0	13.3	91.1	99.4	96.9	56.4	2.7			2
3			3.0	39.4	93.6	100.0	100.0	100.0	77.8	72.4			3
4			1.0	75.3	99.7				100.0	72.8	33.4	1.0	4
5	1.4	1.1	41.1	95.5	100.0					100.0	71.0	11.1	5
6	15.0	21.7	76.3	99.7							50.4	41.3	6
7	47.3	59.8	93.7	100.0							54.7	71.5	7
8	86.2	93.6	100.0								100.0	8.8	8
9	9.6	99.0										100.0	9
10	100.0	100.0											10
MEAN	79.4	67.1	68.6	78.2	87.3	93.6	95.6	93.9	90.0	82.2	72.0	63.0	7
S.D.	4.612	4.602	5.880	5.232	4.477	3.883	2.576	2.414	2.797	4.473	4.033	1.117	13.
TOTAL OBS	373	373	333	312	342	313	326	326	314	311	290	298	

GLOBAL CLIMATELOGY BRANCH
JAFETAC
AIR WEATHER SERVICE/MAAC

PSYCHROMETRIC SU

STATION 104157 AL JUBAYL/DHAKRAN SAUDI ARABIA 75-84

YEARS

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TC
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	
72/ 71																		2		
72/ 59							.1											1		
65/ 57		.1	.4	.4		.1	.1											9		
65/ 55	.3	.7	.5	.5	.3													17		
54/ 53	.3	5.7	2.3	1.5		.7	.1											39		
52/ 51	1.5	5.1	1.5	.7	.3	.1	.1											72		
52/ 52	2.3	5.7	2.1	1.2	.1	.4	.1											45		
53/ 57		2.4	1.5	1.1	.5	.1												33		
55/ 55	2.1	4.3	1.9	2.1	.4	.4												52		
54/ 53	1.7	4.3	2.7	1.2	.4	.3	.1											73		
52/ 51	1.7	4.1	2.4	1.5	.5	.4	.1											32		
53/ 49	3.2	2.4	2.4	.3		.7	.1											72		
40/ 47	1.1	4.1	1.5	.5														54		
40/ 45	.3	2.1	.7	1.2	.1	.1												34		
44/ 45	.1	.7	.5	.3		.1												13		
42/ 41		.5	.4															7		
35/ 39																				
34/ 37																				
35/ 35																				
34/ 33																				
32/ 31																				
33/ 29																				
25/ 27																				
25/ 25																				
23/ 19																				
13/ 17																				
TOTAL	14.3	43.4	21.5	13.1	2.7	3.1	1.1	.3										755		

Element (X)	Σx^2	Σx	$\bar{x}$	s^2	No. Obs.	Mean No. of Hours with Temperature					
Rel. Hum.	5335735	52332	33.3	312	743	0 F	32 F	67 F	73 F	80 F	93 F
Dry Bulb	2357522	41334	55.5	5.982	755			1.3			
Wet Bulb	2113458	32452	52.8	5.135	749						
Dew Point	1928105	37532	52.2	7.769	749		1.5				

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

PSYCHROMETRIC SUN

YEARS

Page 1

[illegible]

PSYCHROMETRIC SUM

YEARS

PAGE 1 23
HOUR

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet B.		
34° 33												.1							1	1		
32° 31								.1	.1	.1		.1							4	4		
73° 77							.1	.1	.1	.3									5	5		
75° 75					.1		.3				.7								5	5		
74° 73				.1		.4	1.0	.4	.3	.1	.1							23	23			
72° 71			.5	1.0	.5	1.0	.5	.5	.3									25	35			
70° 69		.5	1.3	2.1	2.5	1.3	1.3	.3	.1									79	83			
68° 67		1.4	1.4	2.3	1.9	1.1	.4	.4	.1									52	62			
66° 65	1.5	3.3	2.7	2.3	2.1	1.5	1.0		.3									117	117			
64° 63	.1	3.2	2.7	3.4	3.2	4.2	1.5	1.3	.1	.1								155	155			
62° 61	.5	1.3	2.1	1.4	2.3	.3	.5	.5	.1									75	75			
60° 59	.3	1.3	3.2	1.5	2.2	1.2	1.5	.1										102	102			
58° 57	.3	1.1	1.3	1.4	.8	.4		.1										42	42			
56° 55	.3	.5	.3	1.3	1.5	.5	.3											27	37			
54° 53	.1	.4	.5	.5	.5	.3												19	19			
52° 51	.1	.5	.1	.4	.5	.1	.1											15	15			
50° 49				.1	.1		.1											3	3			
48° 47				.1	.1													3	3			
46° 45						.1												1	1			
44° 43																						
42° 41																						
40° 39																						
38° 37																						
36° 35																						
34° 33																						
32° 31																						
30° 29																						
28° 27																						
26° 25																						
24° 23																						
22° 21																						
20° 19																						
TOTAL	1.2	9.2	15.7	15.4	19.1	15.7	11.1	5.9	2.7	1.4	.4	.3						793	793			
Element (X)	Z _x ¹	Z _x	X	O _x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	3335754	42522	52.8	17.251	791	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F											
Dry Bulb	3245442	52542	53.7	5.552	793			23.5	4.3	.5												
Wet Bulb	2529755	44519	56.8	5.529	791					.3												
Dew Point	2115122	32352	49.3	8.585	791		2.2															

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

PSYCHROMETRIC SUM

421157 AL JIBAYL/24A4344 SAUDI ARABIA 75-84

YEARS

PAGE 1 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		T
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb			
34/ 33														.3	.1				3	3			
32/ 31												.5	.1						2	2			
40/ 77								.3	.3	.5	.3	.5							15	15			
73/ 77							.4	.4	.5	1.3	1.4	.5	.5						53	53			
75/ 75					.4	.4	.5	1.7	.7	1.5	.5	.1							44	44			
74/ 73				.5	.5	1.4	3.2	2.3	2.3	2.7		.3							29	133			
72/ 71				.5	.7	2.7	1.8	2.1	1.5	1.3	.3								93	83			
72/ 59			.2	1.3	2.7	2.3	3.9	3.7	1.5	.9	.1								139	139			
53/ 57		.1	.4	.3	2.1	2.3	1.2	2.7	.5	1.7									86	86			
52/ 55		1.3	.3	1.1	2.3	2.7	1.5	2.2	1.3	.5	.1								175	138			
54/ 53	.3	.5	.4	.5	1.3	3.7	2.4	1.3	.5	.1									38	88			
52/ 51	.1	.3	.3		.4	.3	1.1	.3	.3										32	33			
53/ 59	.3	.5	.5	.5	.4	.5	.4		.1										25	25			
53/ 57		.1	.1			.1	.1												4	4			
50/ 55		.1				.1		.1											3	3			
54/ 53		.3				.1													3	3			
52/ 51																							
52/ 49																							
43/ 47																							
42/ 45																							
44/ 43																							
42/ 41																							
43/ 39																							
32/ 37																							
32/ 35																							
34/ 33																							
72/ 31																							
72/ 29																							
73/ 27																							
22/ 25																							
24/ 23																							
24/ 19																							
TOTAL	.5	3.3	3.2	5.3	11.0	15.7	16.5	16.5	11.1	9.5	2.1	2.4	.4	.1					791	793			
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	2131723		33325		49.1		15.935		791		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		
Dry Bulb	3319539		54595		59.2		5.113		793						55.2		27.4		1.7				
Wet Bulb	2252561		45549		57.7		4.533		791						1.3								
Dew Point	1352591		37871		47.9		9.851		791				3.6										

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

PSYCHROMETRIC SUMM

104153 AL JUBAYL/DHAKRAH SAUDI ARABIA 75-84

YEARS

PAGE 1 157
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb					
85/ 35															.1				1	1					
84/ 33										.1									1	1					
82/ 31								.1		.1	.5	.5	.1						10	17					
80/ 29									.3	.3	.3	.1							11	11					
78/ 27						.3	.4	.3	1.0	1.5	.7	.3	.1						35	36					
76/ 25					.4	.4	.5	.3	.5	.5									25	25					
74/ 23			.1	.5	.5	.8	2.5	2.1	2.3	.7	.1								77	77					
72/ 21				.4	.8	1.2	1.5	1.5	1.3	.3	.1								55	57					
70/ 19			.8	1.0	1.5	3.5	2.8	4.4	1.0	.5									171	121					
68/ 17		.1	1.3	1.2	2.7	1.4	2.1	2.1	.3	.3									25	25					
66/ 15		1.2	1.2	2.5	2.1	3.3	3.5	1.7	1.3	.1									128	123					
64/ 13	.3	.5	1.2	1.2	2.2	4.3	2.5	1.3	.3	.3									121	121					
62/ 11	.3	.1	.5	.5	1.2	.4	.5	.4	.1										38	33					
60/ 9	.5	.5	.1	.5	.5	.5	.2	.3											34	34					
58/ 7		.1	.1			.1		.1	.1										5	5					
56/ 5	.1	.3	.1		.1	.3	.1												5	3					
54/ 3	.1	.5				.1													5	5					
52/ 1																									
50/ 47			.1																1	1					
48/ 47																									
46/ 45																									
44/ 43																									
42/ 41																									
40/ 39																									
38/ 37																									
36/ 35																									
34/ 33																									
32/ 31																									
30/ 29																									
28/ 27																									
26/ 25																									
24/ 23																									
22/ 21																									
Element (X)	Σx^2		Σx		$\bar{x}$		s^2		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F		≤ 32 F		≈ 67 F		≈ 73 F		≈ 80 F		≈ 93 F				
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

PSYCHROMETRIC SUMM

YEARS

 F

Page 2 1500
HOURS 1

[illegible]

PSYCHROMETRIC SUMMA

YEARS

553
MONTH

PAGE 1 1300-2
HOURS (L. S.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew		
75/ 77									.1									1	1				
75/ 75					.1	.3		.3										2	2				
74/ 73					.1	.1	.7		.3	.1								13	13				
72/ 71					.7	.4	.4		.1									12	12				
70/ 59			.7	.3	1.9	1.2	1.5	.3										43	43				
55/ 57			1.2	1.2	2.5	.4	1.2											47	47		1		
55/ 55		2.5	3.7	4.1	1.5	1.3	.3	.4										132	132	73			
54/ 53	.1	3.2	5.6	3.5	2.9	3.2	1.4	.1										137	195	57			
52/ 51	.3	1.4	3.2	2.7	3.7	1.7	1.2											98	99	93			
52/ 59	1.1	1.5	4.7	4.8	4.1	1.5	.1											124	123	112			
53/ 57		.3	.3	1.2	1.3	.7	.1											30	30	126			
55/ 55		.5	.5	1.1	1.2	.7												32	32	31			
54/ 53	.3	.3	.1	.4	.5													12	12	98			
52/ 51			.4	.4	.3	.1												2	2	52			
50/ 49						.1												1	1	39			
43/ 47																					22		
40/ 45																					13		
44/ 43																					2		
42/ 41																					1		
40/ 39																							
38/ 37																							
75/ 35																							
74/ 33																							
32/ 31																							
30/ 29																							
TOTAL	1.3	9.5	21.2	24.9	20.7	12.9	7.3	1.2	.5	.1								733		732			
																		733		733			

PSYCHROMETRIC SUMMA

75-34

YEARS

FREE
MONTH

PAGE 1 2177-7
HOURS (L. 5)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew				
74/ 73					.1													1	1						
72/ 59				.3	1.1	.4	.3											15	15						
55/ 57			.5	.7	1.7	.1	.3											25	25						
52/ 55		2.1	2.2	1.4	.2	.5	.4											53	53						
54/ 53	.5	7.7	4.3	5.3	1.3	2.2	.3											159	163	52					
52/ 51	.4	4.1	3.5	2.2	1.4	.3	.3											21	91	85					
53/ 59	1.2	3.5	2.4	3.3	1.3	.7	.1											150	150	97					
53/ 57	.1	2.2	2.4	3.3	1.2	.1												71	71	108					
55/ 55	.5	2.2	4.3	3.3	.3	.3	.1											37	37	102					
54/ 53	.3	.9	1.4	1.2	.4													33	33	95					
52/ 51	.3	.7	2.4	1.2	.5	.1												39	39	98					
50/ 49		.4	.5	.7														12	12	55					
48/ 47		.4	.1															4	4	29					
45/ 45		.1	.3		.1													4	4	21					
44/ 43																					5				
42/ 41																					1				
40/ 39																					1				
38/ 37																									
36/ 35																									
32/ 31																									
31/ 29																									
28/ 27																									
TOTAL	3.324	232.522	010.9	4.7	1.7													759	759	759					

Element (X)	Z _X ²	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	35.71937	5.976	76.3	12.593	759	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2735203	45850	59.3	4.757	767			4.5	.1			
Wet Bulb	2371235	42259	55.7	4.825	759							
Dew Point	2101594	39544	52.2	6.395	759			.3				

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

PSYCHROMETRIC SUMMAR

174153	AL J334YL/J44424V 54JJI 47A314	75-34
STATION	STATION NAME	

YEARS

FF3
MONTH

PAGE 1

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 Po														
35/ 35																		1	1															
34/ 33																		5	5															
32/ 31									.3	.3	.1	.1	.1	.3				23	23															
30/ 29								.3	.1	.2	.1	.1	.3					25	25															
28/ 27						.1	.1	.2	.4	.4	.1	.1	.3					92	92															
26/ 25					.1	.1	.2	.3	.2	.3	.1	.3						72	72															
24/ 23		.2	.2	.2	.3	.2	.3	.5	.7	.4	.3	.3						210	211															
22/ 21			.2	.5	.5	.6	.5	.5	.5	.2	.3							191	193															
20/ 19		.4	.3	1.3	1.3	1.3	1.2	.4	.2	.3								409	413	1														
18/ 17	.3	.7	.3	1.4	.3	.7	.7	.2	.2									344	344	23														
16/ 15	.3	1.4	1.3	1.7	1.2	1.2	1.3	.7	.3	.1	.3							592	583	126														
14/ 13	.4	3.3	3.2	3.3	1.5	2.7	1.1	.6	.1	.1								1236	1242	392														
12/ 11	.5	2.5	1.9	1.3	1.3	.5	.6	.2	.1									523	526	752														
10/ 9	1.3	3.2	3.2	1.7	1.3	.3	.5	.3	.3									731	734	747														
8/ 7	.2	1.5	1.1	1.2	.5	.3	.1	.3	.3									337	337	861														
6/ 5	.7	2.2	1.5	1.3	.7	.3	.1	.3										473	478	654														
4/ 3	.7	1.5	1.1	.7	.5	.2	.1											279	279	731														
2/ 1	.5	1.3	1.5	.7	.3	.1	.1											319	323	524														
0/ 0	.5	.9	.9	.4	.1	.1	.3											173	176	474														
35/ 47	.5	1.1	.7	.3	.3	.3												157	159	344														
36/ 45	.1	.7	.3	.4	.1	.7												95	95	229														
44/ 43	.3	.1	.2	.1	.3	.3												33	33	92														
42/ 41	.3	.1	.1	.3	.3													19	19	48														
40/ 39	.3																	1	1	54														
35/ 37																				15														
30/ 35																				5														
34/ 33																				3														
32/ 31																																		
30/ 29																																		
28/ 27																																		
26/ 25																																		
24/ 23																																		
22/ 21																																		
20/ 19																																		
Element (X)	Σ X ²	Σ X	Σ	Σ ²	No. Obs.	Mean No. of Hours with Temperature																												
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																						
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 2 ALL
HOURS (L, S, T,)

[illegible]

PSYCHROMETRIC SUMMARY

STATION AL JJBAYL/24A+RAY SAJJI ARABIA 75-34

YEARS

422
MONTH

PAGE 1 2222-0201
HOURS 10, 5, 7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
32/ 31							.1	.2										3	3						
33/ 79								.1										1	1						
75/ 77				.1	.5	.5	.7	.1										17	17						
75/ 75					.2	.3	.4	.2										14	14						
74/ 73				1.3	.7	.5	.5	.2	.1									29	29						
72/ 71			.7	.9	.9	.7	.4	.1	.1									23	23	1					
70/ 59	.2	.3	2.4	1.2	1.5	1.1	.4	.5	.1									73	73	7					
53/ 57		.5	2.3	1.1	1.1	.5	.1	.2	.1									55	55	44					
55/ 55	.1	3.3	2.3	1.3	1.9	.9	.1	.2										93	93	75					
54/ 53	.9	4.5	2.3	2.5	1.1	1.2	.1	.2										114	115	92	91				
52/ 51	1.1	3.2	3.7	1.4	.7	.3	.2											89	89	101	94				
50/ 59	1.5	3.3	2.3	3.4	.5	.9	.2											122	125	92	103				
48/ 57	.5	2.3	1.9	1.4	.2	.1												54	54	175	75				
55/ 55	.5	1.1	3.1	1.3	.2													55	55	74	72				
54/ 53	.2	.7	1.4	.5														25	25	78	82				
52/ 51	.1	1.5	2.1	.1														33	33	59	37				
50/ 49		1.2	.9															13	13	51	82				
45/ 47		.7	.5		.2													13	13	34	42				
45/ 45	.1	.1	.1															3	3	13	59				
43/ 43																				2	35				
42/ 41																				2	29				
40/ 39																					7				
38/ 37																					7				
35/ 35																					2				
34/ 33																					7				
TOTAL	5.5	25.2	27.7	17.2	11.2	9.2	3.2	2.4	.5										344	344	344				

Element (X)	Σx'	Σx	Σ	Σ _s	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	51422.22	54734	75.714.589	944	≤ 0 F	≥ 0 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3353125	52232	52.5	5.723	943		24.4	7.7	.3		93
Wet Bulb	2372283	42245	53.1	3.351	944		5.7				23
Dew Point	2565272	45152	54.7	7.722	943		7				

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

PSYCHROMETRIC SUMMARY

624152 AL JUBAYL/DHAKRAH SAUDI ARABIA

75-34

YEARS

442
MONTH

PAGE 1 7377-752
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 Po			
77/ 77						.1													1	1				
76/ 76			.2		.4	.3	.1												2	2	1			
74/ 73	.1			1.0	.9	.5	.1												70	30	2			
72/ 71		.1	.3	.5	.3	.1	.4	.1	.4										73	20	1			
70/ 69		.4	2.2	.5	.5	.4	.4	.1	.1										45	45	5			
68/ 67		1.2	4.2	1.4	1.5	.5	.4	.1											79	37	38			
66/ 65	.7	2.9	2.5	2.5	.9	.4													83	83	74			
64/ 63	.3	7.2	2.2	2.4	.3	.2	.5	.2											124	124	76			
62/ 61	.3	2.7	1.5	.7	1.1	.5	.5												67	67	108			
60/ 59	3.1	4.2	2.1	1.3	.5	.7	.2												104	104	125			
58/ 57	.3	2.4	1.3	1.4	.5	.5													59	59	70			
56/ 55	1.5	2.2	2.1	1.2	.9	.1													75	75	66			
54/ 53	.7	2.1	2.1	.7	.1														49	49	73			
52/ 51	.4	2.1	2.5	.5	.2														42	42	65			
50/ 49	.6	1.2	.5	.2	.1														20	20	59			
48/ 47		1.1	.4	.2															14	14	41			
46/ 45	.1	.3	.1																7	7	25			
44/ 43																					5			
42/ 41																					4			
40/ 39																								
38/ 37																								
36/ 35																								
34/ 33																								
32/ 31																								
TOTAL	9.330	25.515	4.4	4.2	2.5	.5	.5													951				

Element (X)	ΣX^1	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5322357	57329	79.818	532	342	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	3235331	52133	51.3	5.577	351			21.1	9.4			2
Wet Bulb	2332417	43912	57.5	6.242	342			5.3	.3			2
Dew Point	2553737	45225	54.4	7.527	342		.3	1.4	.3			9

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

✓

PSYCHROMETRIC SUMMARY

445
MONTH

PAGE 1 3622-3812
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						
31							.2		.1	.1								4	4								
33							.1											1	1								
35						.1	.2	.1										5	5								
37			.1		.2	.1	.5	.1	.1									11	11								
39				.4	1.2	.5	.4	.5	.5	.1								35	35	1	1						
41				.4	1.2	1.1	.7	.2		.1								41	41								
43			.4	2.1	1.4	1.2	1.8	.2	.4	.1								55	55	9							
45		.1	.5	1.5	.5	1.2	.2	.2		.1	.1							37	38	41	35						
47	.2	.4	.5	2.5	1.7	1.5	1.1	.5	.5	.1								105	105	55	25						
49	.4	7.1	3.2	3.2	2.2	2.2	.4	.2										149	149	35	22						
51	1.2	2.5	1.5	.4	.4	.5	.4	.4	.1									55	55	105	52						
53	1.5	3.7	2.3	1.4	2.3	.2	.4											121	121	122	12						
55	.5	2.1	.5	.2	.5	.5	.1											44	44	91	59						
57	1.2	1.7	1.2	1.5	1.2	.2	.1											15	55	71	79						
59	.5	.2	1.1	1.5	.4	.2												3	33	55	50						
61	.4	1.5	1.2	.7	.5	.2												35	38	51	43						
63	.1	.2	.7	.2	.5													15	15	55	43						
65		.2	.4	.1	.1	.1												12	12	38	44						
67		.4	.4															5	7	20	57						
69																				12	22						
71																				5	29						
73																				1	25						
75																					12						
77																					5						
79																					7						
81																					9						
83																					3						
85																					2						
TOTAL	5.3	25.5	51.7	31.5	71.3	51.7	7.7	4.4	2.2	.5	.2							332	311	322	309						

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature					
Rel. Hum.	4532224	53122	74.4	15.643	832	≤ 50 F	≤ 52 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	3232317	53577	52.5	5.771	311			22.2	5.5	.5	93
Wet Bulb	2715559	45535	57.5	5.395	329			5.9	1.1		93
Dew Point	2373542	43333	53.5	5.394	329	1.5	.7	.1			

USAFETAC
FORM
JUL 84
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM JUL 64

PSYCHROMETRIC SUMMARY

4-153
STATION

AL JIBAYL/DHAHRAN SAUDI ARABIA
STATION NAME

25-54

YEARS

11
MONTH

PAGE 1 2931-1133
HOURS S. T.

[illegible]

AU A159 605

AL JUBAYL/DHAHRAN SAUDI ARABIA LIMITED SURFACE
OBSERVATIONS CLIMATIC SUMM..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 85
USAFETAC/DS-85/013 F/Q 4/2

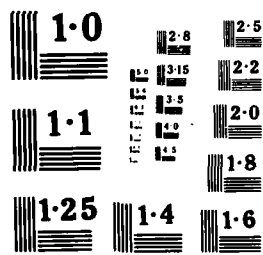
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F/G 4/2

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PSYCHROMETRIC SUMMARY

YEARS 4 MONTH 12

PAGE 2 3277-1130
HOURS 11. 5. 7.1

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/4AC

PSYCHROMETRIC SUMMARY

124152 AL JUBAYL/DHAKRAN SAUDI ARABIA 75-84

YEARS

MONTH

PAGE 1 1200-1400
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
93/ 97															.2			2	2					
94/ 93															.2	.1		5	5					
92/ 91										.1		.3			.3	.2		9	9					
93/ 89									.1	.2	.1	.5	.2		.6	.1		15	16					
88/ 87									.2	.7	.2	.7	.1		.2	.3		22	22					
85/ 83								.1	.1	.3	.5	.5	.3		.6	.3		24	24					
84/ 83							.1	.2	1.5	1.2	.5	1.4	1.5		.9			52	62					
82/ 81						.2	1.5	1.4	2.1	.7	1.5	1.7	1.2		.7			82	82					
83/ 79					.1	.7	1.0	1.5	1.9	.9	2.6	.6	.5		.1			84	84					
78/ 77			.1		.7	.5	2.3	2.1	2.9	3.1	2.1	1.3	.2					124	129					
75/ 75				.5	.7	.3	.5	.8	1.7	1.3	.5							57	57					
74/ 73				1.2	.3	.5	2.3	1.2	2.2	1.7	.5	.5	.2					124	125	4				
72/ 71			.3	.5		.5	2.1	1.9	1.3	.5	.5	.2						56	65	14	1			
71/ 69			.7	.3	.3	1.2	1.5	2.1	1.2	.5	.1							73	73	52	1			
68/ 67	.1		.2	.1	.5	1.3	1.3	1.3	.3	.1								41	41	78	6			
65/ 65		1.3	.5	.7	.5	1.2	.3	.3										48	44	94	18			
64/ 63		.5	.2	.1	.2	.5	.1											15	15	98	55			
62/ 61		.3	.2		.2	.2			.2									2	9	137	32			
61/ 59		.1		.1		.2	.1	.1										5	5	131	65			
59/ 57	.2																	2	2	122	51			
55/ 55	.1																	1	1	79	57			
54/ 53																				39	53			
52/ 51																				13	57			
51/ 49																				2	53			
48/ 47																				1	54			
45/ 45																				1	111			
44/ 43																					54			
42/ 41																					72			
40/ 39																					32			
38/ 37																					23			
35/ 35																					15			
34/ 33																					17			
32/ 31																					9			
32/ 29																					2			
Element (X)	Σ X ²		Σ X		X		X ²		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE ? 1222-1422
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

WFOH

JSAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point											
92/ 97															.1				1	1											
95/ 95																.1			1	1											
94/ 93												.1						1	1												
92/ 91										.1					.4	.2		3	5												
90/ 89									.1		.1		.3			.3		3	8												
88/ 87								.5	.1	.5	.5	.5	.2		.5	.2		25	29												
86/ 85								.1	.3	.1	.2	.2	.2					11	11												
84/ 83								.5	1.3	.9	.5	1.5	.5	.3				43	49												
82/ 81							1.1	2.3	1.4	1.3	.5	.8	1.0	.2				74	74												
80/ 79					.3	.2	.5	.7	1.4	1.1	.8	.5	.3					59	59												
78/ 77				.3	.7	1.7	1.5	1.5	1.3	2.2	1.9	1.1						108	103												
76/ 75			.1	.5	.7	.2	.5	.3	1.3	.2	.7	.1						54	54												
74/ 73			.1	1.5	.9	1.3	2.5	3.0	2.4	1.1	.5							115	115	7											
72/ 71		.1	.1	.3	.3	.7	1.2	2.1	1.3	.3	.1							72	72	14											
70/ 69		.3	1.4	.2	.3	1.4	3.4	2.5	1.0	.3	.1							101	101	53											
68/ 67			.5	.2	.7	.3	1.1	.7	.5	.1								40	43	85											
66/ 65		.2	.2	1.1	.2	1.3	2.7	.7	.5	.1								75	75	94											
64/ 63		.1	.3	1.2	.2	1.2	.6	.1										35	37	84											
62/ 61		.3	.1		.3	.1												3	8	102											
60/ 59		.1	.2	.1	.3	.3	.2											12	12	143											
58/ 57	.1																	1	1	130											
56/ 55							.1											1	1	92											
54/ 53																				45											
52/ 51																				22											
50/ 49																				7											
48/ 47																				2											
46/ 45																															
44/ 43																				1											
42/ 41																															
40/ 39																															
38/ 37																															
36/ 35																															
34/ 33																															
32/ 31																															
Element (X)	Σ X'		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature																				
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total								
Dry Bulb																															
Wet Bulb																															
Dew Point																															

PSYCHROMETRIC SUMMARY

404153	AL JJ3AYL/244424N SAJJI A7ABIA	75-84
STATION	STATION NAME	

YEARS

MAZ
MONTH

PAGE 2 1577-1722
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (OL A)

FORM 04

USA FETAC

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

474153 AL JJ3AYL/044424N SAJDI ARABIA 75-34 142
STATION STATION NAME YEARS MONTH

2450 1 1600-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
35/ 85								.1					.2					3	7						
34/ 83							.2	.1	.2	.1		.1						7	7						
32/ 81						.4	.5	1.1	.4	.5	.4							27	27						
30/ 79						.9	.7	.5	.2		.1							22	22						
28/ 77				.2	1.1	2.7	1.5	.5	.4	.5	.2							52	52						
26/ 75			.1	.4	.7	1.5	.4	.5	.7		.1							25	35						
24/ 73		.2	.2	2.9	.4	2.1	1.5	1.1	1.3	.4								84	84	1					
22/ 71		.2	.7	1.5	1.1	1.1	3.2	.5	.1									71	71	12					
20/ 69	.2	.5	3.1	1.1	1.7	3.5	1.3	.9	.2		.1							104	104	34	5				
18/ 67		.1	2.5	.9	3.4	2.3	1.1	.7										98	98	78	14				
16/ 65	.5	1.5	1.3	2.3	2.7	2.3	1.3	.4	.1									103	104	92	40				
14/ 63	.2	1.5	.2	2.2	3.3	4.2	.7	.2										102	102	91	98				
12/ 61	.2	1.7	1.2	1.3	1.3	.7	.4											57	57	95	66				
10/ 59		1.2	1.1	1.5	1.5	.4	.1											46	46	128	75				
8/ 57	.1			.4	.1													5	5	139	55				
6/ 55				.4														3	3	94	65				
4/ 53							.1											1	1	54	67				
2/ 51			.1			.2												3	3	27	71				
0/ 49																				9	77				
43/ 47																				2	52				
45/ 45																					65				
48/ 43																					33				
42/ 41																				3	72				
40/ 39																					5				
35/ 37																					2				
35/ 35																					2				
34/ 33																					2				
30/ 29																					3				
24/ 23																					1				
TOTAL	1.5	5.3	11.4	15.3	17.3	21.1	13.3	5.7	3.9	1.5	1.7	.1	.2					819	823		819				
																		819		819					
Element (X)	Σ X'	Σ X	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.	3377279	51951	62.2	15.381	819	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total													
Dry Bulb	3919299	55475	58.9	6.329	819			55.9	25.3	4.5		93													
Wet Bulb	3339204	49717	52.7	5.137	819			14.2	.1			93													
Dew Point	2495392	33735	58.5	7.529	819		.5	2.3				93													

USAFETAC FORM 0-26-5 (OL A) 1-64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

004150 AL JUBAYL/DHAHRAN SAUDI ARABIA 75-84 YEARS MAR MONTH

PAGE 1 2112-2112 HOURS 11-5 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
32/ 31							.2	.1	.1	.1	.2							7	7		
35/ 79					.5	.5	.2	.1	.2		.1							15	15		
73/ 77				.1	.2	1.1	.7	.2	.2									22	22		
75/ 75				.2	.4	.3	.1	.4	.1									17	17		
74/ 73		.1	.4	1.9	1.2	2.3	.2	.4										52	52		
72/ 71		.2	.7	1.4	1.7	1.3	.2											44	44	11	1
70/ 59	.1	.7	2.7	2.5	2.4	2.9	.5	.2										102	103	15	1
58/ 57		.5	3.5	1.2	2.5	1.1	.5											75	77	51	15
55/ 55	.4	2.5	2.1	3.3	1.2	1.4	.3	.2	.1									100	100	98	29
54/ 53	.5	3.3	1.9	5.2	3.5	1.7	.4	.1										138	134	109	102
52/ 51	.4	4.3	1.3	2.4	1.5	.4	.4											93	93	100	52
50/ 52	.2	2.3	2.5	3.3	2.1	.2	.2											95	95	120	103
53/ 57	.1	.5	.7	1.3	.5	.1												25	25	98	77
55/ 55		.7	1.1	1.2	.1													25	25	92	73
54/ 53	.1	.2	.5	.2														10	10	50	56
52/ 51		.1	.5	.2	.2													2	2	43	77
50/ 47			.4		.1													4	4	30	72
48/ 47			.1															1	1	7	38
45/ 45																				5	52
44/ 43																				2	21
42/ 41																				1	16
40/ 39																					5
34/ 37																					2
35/ 35																					2
32/ 31																					3
TOTAL	1.2	15.9	19.2	24.1	11.3	4.1	3.2	4.7	1.3	.3	.1	.4						238	247		838
																				938	
								</													

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OLA)

AF 64

USAFETAC

JOINT CLIMATE BRANCH
JAFIFAC
AF WEATHER SERVICE/440

PSYCHROMETRIC SUMMARY

STATION 60 JIRAY/DAHRAN SAUDI ARABIA

75-84

YEARS

MAR
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
99/ 97															.0	.0					5	5		
98/ 95															.0	.0					1	1		
94/ 93												.0			.0	.0	.0				5	5		
92/ 91										.0		.1			.1	.1					12	12		
90/ 89									.0	.0	.0	.1	.1	.1	.1	.1	.0				27	27		
88/ 87								.1	.1	.1	.2	.2	.1	.1	.1	.1					59	59		
85/ 85								.0	.1	.1	.1	.1	.1	.1	.1	.0					43	43		
84/ 84								.0	.2	.4	.3	.2	.5	.3	.2						135	135		
82/ 81						.1	.5	.7	.7	.4	.5	.3	.3	.1							250	250		
80/ 79					.1	.5	.4	.4	.5	.3	.5	.2	.1	.2							213	213		
78/ 77			.0	.2	.5	1.0	1.1	.7	.9	.9	.7	.4	.0								441	442		
75/ 75		.0	.0	.3	.5	.9	.5	.5	.5	.4	.2	.0									267	267		
74/ 73	.0	.0	.0	1.3	.7	1.2	1.3	1.2	1.0	.9	.2	.1	.0								558	559		
72/ 71		.1	.5	1.0	1.2	.3	1.3	.7	.5	.3	.1	.1									431	431		
70/ 69	.1	.4	2.1	1.0	1.2	1.9	1.2	1.1	.5	.2	.1										557	558		
68/ 67	.0	.4	2.1	.7	1.6	.9	.7	.5	.2	.1											485	488		
65/ 65	.3	2.3	1.5	1.3	1.4	1.2	1.1	.4	.1	.0											586	587		
64/ 63	.4	3.1	1.6	2.2	1.7	1.7	.5	.2	.0	.0											752	754		
62/ 61	.4	2.2	1.2	.3	.3	.4	.3	.1	.0												413	413		
60/ 59	.3	2.2	1.4	1.5	1.0	.5	.2	.1													515	515		
58/ 57	.3	.9	.5	.7	.3	.2	.0	.0													198	198		
55/ 55	.4	.9	.9	.3	.3	.1	.0														225	226		
54/ 53	.2	.5	.7	.3	.1	.0	.0														120	120		
52/ 51	.1	.7	.3	.2	.1	.1															132	132		
50/ 49	.0	.5	.3	.1	.1																57	57		
48/ 47		.3	.2	.1	.1	.1															42	42		
45/ 45	.0	.2	.1																		15	15		
44/ 43																					29	29		
42/ 41																					15	15		
40/ 39																					1	1		
38/ 37																								
35/ 35																								
34/ 33																								
32/ 31																								
Element (X)	Σ X'		Σ X		Σ		C _n		No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JAN 64

PSYCHROMETRIC SUMMARY

75-34

YEARS

445
MONTH

243-2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
75 / 29																					29			
75 / 27																					27			
75 / 25																					25			
74 / 23																					23			
72 / 21																					21			
72 / 19																					19			
TOTAL	3.114	1.114	.213	.311	.511	.5	9.2	6.3	5.6	3.7	2.7	2.3	1.3	.7	.3	.3		6777	6755	6755				

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	23175414	425373	53.727	342	6755	$\leq 0^\circ\text{F}$	$\leq 32^\circ\text{F}$	$\geq 67^\circ\text{F}$	$\geq 73^\circ\text{F}$	$\geq 80^\circ\text{F}$	$\geq 93^\circ\text{F}$	
Dry Bulb	31742233	452232	57.9	3.473	6777			396.5	223.4	55.3	1.1	744
Wet Bulb	24213372	422952	59.6	5.739	6755			34.8	1.9			744
Dew Point	12527822	352145	53.1	9.257	6755		9.5	11.2	.4			744

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

PSYCHROMETRIC SUMMARY

75-94

YEARS

APR
MONTH

2435 1 3333-3233
HOURS 10, 5, 10

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
35/ 37											.1							1	1					
35/ 35							.1			.4	.1	.3			.1			3	5					
34/ 37					.3		.2	.5	.3	.1					.1			11	11					
32/ 31						.3	1.3	.2	.5	.1	.3							32	32					
35/ 77				.1	.4	1.4	1.4	.3	.1									29	27					
75/ 77			.4	1.3	3.3	3.1	1.5	.5	1.1	.8	.1							75	73					
75/ 75		.1	.4	.5	2.5	2.5	1.4	.2	.4	.4	.1							73	75	3				
74/ 73		.5	1.4	5.1	.2	2.2	2.3	.4	.5	.5								103	122	9	2			
72/ 71		.8	1.7	1.4	2.1	1.3	1.4	.5	.5	.1	.1							75	72	25	12			
72/ 59	.5	1.5	3.5	.2	2.4	2.3	.5	.5	.3									103	103	83	15			
54/ 57		.4	2.5	.5	1.2	1.1	.4	.5										63	63	143	33			
54/ 55	.5	1.5	1.2	1.2	1.2	1.3	1.4	.5										77	77	127	77			
54/ 53	.1	2.3	1.4	2.0	.2	.2												63	54	84	155			
52/ 51		.2	1.3	.3	1.3													63	53	122	78			
52/ 59	.3	.5		.1	.5	.4												15	15	93	98			
53/ 57		.1	.1	.1	.1													4	4	54	51			
53/ 55			.3	.1														3	3	37	48			
54/ 53		.1			.3													3	2	37	49			
52/ 51																				3	37			
52/ 49																				5	35			
43/ 47																				2	37			
45/ 45																					41			
44/ 43																					14			
42/ 41																					14			
42/ 39																					6			
35/ 37																					1			
35/ 35																					1			
34/ 33																					1			
TOTAL	1.5	10.7	13.9	14.3	14.3	17.1	12.3	5.3	4.3	2.1	1.3			.1				322	304	822	800			

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.	3523342	52233	55.8	15.323	317							
Dry Bulb	4109705	57234	71.2	5.935	304			57.7	42.4	5.9		92
Wet Bulb	3245253	50783	63.5	5.125	307			30.2	1.4			50
Dew Point	2751325	85534	58.2	7.482	317			7.7	.2			20

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

PSYCHROMETRIC SUMMARY

APR 23 1964

PAGE 1 0333-35-1
HOURS 11.5.1

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point										
37 37										.1								1	1												
47 33					.1		.2	.1										4	4												
57 31					.3	.5	.2	.4	.2	.1	.1							24	24												
67 29					.1	1.1	.5	.5			.1							23	23												
75 77				.3	1.4	2.3	.5	.3	.4	.1								45	45												
75 75			.1	1.2	1.3	.3	.2	.4	.1	.1								37	37	1											
74 77	.1	.3	1.5	4.7	2.2	2.7	2.2	.3	.3	.4								122	122	4	1										
72 71	.5	.5	2.2	2.2	3.3	1.2	1.4	1.1	.4	.4								114	114	23	5										
70 59		1.5	3.4	1.5	1.3	1.3	.2	.4	.3									90	90	51	27										
68 57	.5	1.3	3.2	1.3	1.3	1.5	1.1	.5	.3									95	95	111	45										
66 55	.4	2.3	2.2	.4	1.3	1.3	1.5	.4	.4									81	81	124	63										
64 55	.1	4.2	1.2	1.4	1.4	1.3	.2	.1										77	77	113	125										
62 51		1.4	1.1	.4	.5	.4												34	34	45	97										
60 59	.3	1.5	.2	.4	.3	.1	.1											25	25	72	82										
58 57	.3		.1	.4		.1												7	7	74	53										
56 55		.1			.3													2	2	51	21										
54 53		.1	.3	.1	.3													5	5	35	47										
52 51				.1														1	1	17	45										
50 49																				4	35										
48 47																				7	25										
46 45																					20										
44 43																					15										
42 41																					17										
40 39																					15										
38 37																					7										
36 35																					2										
34 33																					1										
TOTAL	2.3	14	115	215	215	712	5	5.2	3.3	1.3	.3							739		739	739										
																		739		757											

GLOBAL CLIMATOLOGY BRANCH
 00451700
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 4 JIRAY 7044434V SAJDI 4431A 75-34 YEARS 1977-1980 MONTH

PAGE 1 1977-1980 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																
45/ 37								.1		.1	.1	.3																									
47/ 39									.1	.3	.4	.3	.1	.4																							
49/ 41								.4	1.0	1.1	1.2	1.4	.4	1.1	.4																						
51/ 43					.5	1.5	.7	.5	.3	.7	.1																										
53/ 45			.5	.3	2.2	2.2	2.2	1.7	.2	.5	.1	.4																									
55/ 47	.1	.1	.5	1.7	1.1	1.3	2.5	.3	.8	.5																											
57/ 49	.1	.4	.5	2.4	1.2	2.5	2.3	1.4	1.4	.3	.7																										
59/ 51	.3	.5	1.3	.9	1.3	1.7	1.3	1.0	.1	.4	.1																										
61/ 53		1.1	2.3	1.4	1.7	2.0	1.4	.3	.5	.4																											
63/ 55	.4	.3	1.2	.5	.5	.5	.4	.9	.3	.1																											
65/ 57	.4	1.3	1.4	.3	1.3	.2	.5	.3	.3																												
67/ 59	.2	1.4	1.2	.5	1.2	1.3	1.3	.1																													
69/ 61	.4	1.3	.5	.1	.4		.1																														
71/ 63	.3	.5	.1	.1		.7	.4																														
73/ 65	.1	.1																																			
75/ 67		.2			.1																																
77/ 69		.1			.3																																
79/ 71																																					
81/ 73																																					
83/ 75																																					
85/ 77																																					
87/ 79																																					
89/ 81																																					
91/ 83																																					
93/ 85																																					
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127/ 119																																					
129/ 121																																					
131/ 123																																					
133/ 125																																					
135/ 127																																					
137/ 129																																					
139/ 131																																					
141/ 133																																					
143/ 135																																					
145/ 137																																					
147/ 139																																					
149/ 141																																					
151/ 143																																					
153/ 145																																					
155/ 147																																					

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 1 7573-18-1
HOURS 11:51

[illegible]

PSYCHROMETRIC SUMMARY

75-44

YEARS

43 MONTH

PAGE 1 0300-05-0
HOURS 11:51

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 174153 STATION NAME A. JUBAY 7344334 SAJDI ARABIA YEARS 75-84 MONTH 43Y

PAGE 1 0001-0200 HOURS 10.5.7

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																
22/ 99													.1					1	1																	
24/ 93																		1	1																	
26/ 91												.5	.1	.1				5	5																	
28/ 89								.1	.2	.5	.7	.4	.2					12	12																	
30/ 87					.1	.1	.5	.2	1.2	.9	.9	.2		.9				41	41																	
32/ 85				.1	.2	1.2	.5	.2	1.1	.6	.1	.5	.2	.1	.1			42	42																	
34/ 83			.1	1.0	1.1	.5	1.2	2.2	1.7	1.1	.9	.5	.4	.1				39	39																	
36/ 81			.5	1.5	3.1	2.4	2.3	5.1	3.2	1.1	1.2	.9	.2					127	127																	
38/ 79		.1	.7	2.0	1.2	2.5	1.0	.9	1.1	.5	.5	.1						55	87																	
40/ 77	.4	.5	1.2	2.2	4.2	2.7	1.2	1.5	1.5	.4	.1	.1						142	142																	
42/ 75		.7	.5	1.3	1.1	1.2	1.4	.4										55	55																	
44/ 73	.2	.4	.2	2.2	1.2	1.2	.2	.2										53	53																	
46/ 71		.5	.9	.4	.1	1.5	.2											70	30																	
48/ 69	.1		.2	.5	.7	1.2	.1											33	33																	
50/ 67			.4	.4	.5													11	11																	
52/ 65				.2	.2	.1	.4											2	2																	
54/ 63		.1	.1	.1														7	3																	
56/ 61		.1																1	1																	
58/ 59																																				
60/ 57																																				
62/ 55																																				
64/ 53																																				
66/ 51																																				
68/ 49																																				
70/ 47																																				
72/ 45																																				
74/ 43																																				
76/ 41																																				
78/ 39																																				
80/ 37																																				
82/ 35																																				
84/ 33																																				
TOTAL	.7	2.1	5.5	12.5	14.1	11.3	5.1	2.4	1.1	7.9	5.3	4.5	3.5	1.4	1.2	.2																				
Element (X)	Σx ²	Σx	R	°s	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.	2352731	45223	56.8	17.341	929	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																									
Dry Bulb	5127575	54335	79.3	5.433	311			21.5	83.1	45.2	.2																									
Wet Bulb	3777777	55123	58.2	4.977	929			59.3	13.9	.3																										
Dew Point	3121254	42522	51.4	3.334	929			24.5	7.5																											

USAFETAC FORM 0-26-5 (OLA) 1-64 REVISED PREVIOUS EDITIONS OF THIS NAME ARE OBSOLETE

PSYCHROMETRIC SUMMARY

72-34

YEARS

MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

75-34

YEARS

2
MONTH

2457 1

HOURS (L, S, T)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

PSYCHROMETRIC SUMMARY

474150 AL JUBAYL/244434V SAUDI ARABIA 75-34 AP-
STATION STATION NAME YEARS MONTH

PAGE 1 2102-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
75/ 95												.1						1	1						
74/ 95													.1					1	1						
72/ 91														.1				1	1						
70/ 89									.1						.1			1	1						
73/ 87							.1		.3	.3	.1	.1	.1					8	8						
75/ 95								.1		.4								4	4						
74/ 93					.3	.1	1.1	.3	.8	.5	.1							70	31						
72/ 91				.1	.4	1.3	2.1	2.3	.9									59	53						
70/ 79			.3	.4	.3	2.1	1.3	1.3	1.0	.1	.3							57	57						
75/ 77	.4	.5	.7	.5	3.3	4.3	3.2	2.1	1.4	1.2	.3							144	144	4	3				
75/ 75		.3	.4	1.3	2.1	3.0	1.0	.5	.3	.5	.3							94	54	11	5				
74/ 73		.4	2.2	4.2	1.7	2.0	3.3	1.3	1.4	.3								135	134	21	5				
72/ 71		.4	1.1	2.3	1.1	1.1	2.5	.4	.3	.1								72	72	41	11				
70/ 69		.5	3.1	1.1	1.3	2.3	.3	.5										74	74	127	17				
68/ 67			1.7	.3	1.5	.4	.9	.4										40	41	138	39				
66/ 65	.1	.5	1.3	1.3	.9	.9	.5	.4										42	49	132	43				
64/ 63		.5	.4	.5	.3	.5	.1											70	20	82	140				
62/ 61		.3	.3	.1	.5		.3											2	2	91	45				
60/ 59		.3		.3	.1													5	5	88	37				
58/ 57	.1																	1	1	48	54				
56/ 55																				70	53				
54/ 53																				12	47				
52/ 51																				3	45				
50/ 49																				2	36				
48/ 47																					31				
46/ 45																					42				
44/ 43																					8				
42/ 41																					10				
40/ 39																					3				
38/ 37																					4				
TOTAL	.5	3.5	11.2	12.3	13.3	13.4	16.7	10.5	5.7	3.3	1.5	.3	.3	.1				795	797		795				
Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.	3281523	47213	50.3	15.531	795	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total													
Dry Bulb	4479319	52113	74.2	5.485	797			30.5	59.4	12.5	.2	90													
Wet Bulb	3352722	51553	64.2	4.327	795			36.5	4.1			90													
Dew Point	2772177	45535	58.7	7.826	795			9.2	1.5			90													

USAFETAC FORM 0-26-5 (OL A) 10-64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 2 1300-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
32 / 31																						2
23 / 27																						1
TOTAL	.1	.5	3.5	8.3	9.5	12.5	17.6	15.3	12.0	8.5	5.5	3.4	1.7	.3	.4	.1	.1		873	807	807	

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 174157 AL JUBAYL/DHAKHAN SAUDI ARABIA 75-84 YEARS APR MONTH

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

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				
73/ 99																	.1				1	1		
73/ 97														.1							1	1		
75/ 95																.1					1	1		
74/ 93											.1		.3	.1	.1			.1			5	5		
72/ 91								.1	.3	.1		.4									7	7		
70/ 89								.1	.1	.1	.3	.3			.1	.1					12	12		
68/ 87							.3	.3	.4	.5	.4	.5	.4	.1							22	22		
66/ 85					.1	.1	.4	1.1	.5	.4	.5	.4	.3	.1							32	32		
64/ 83					.1	.4	1.9	.5	1.5	1.3	.5	.9	.3								59	59		
62/ 81			.1	.5	.4	1.3	3.4	3.3	4.0	1.5	2.0	.5	.5	.1							145	145		
60/ 79				.3	.5	1.9	1.0	2.4	.3	1.5	1.3	.1		.1							74	74	1	
58/ 77	.1		.5	1.2	2.3	3.4	3.0	3.0	3.1	1.3	.3	.3									155	155	5	2
56/ 75		.1	.3	1.3	1.9	1.9	2.0	1.4	1.0	.5	.1										53	54	11	3
54/ 73		.1	.5	2.5	1.2	2.3	3.1	1.4	.5	.1											24	24	37	3
52/ 71		.1	.4	.3	.5	.3	1.3	.5	.1	.3											34	34	56	12
50/ 69			.2	.5	.5	.5	.5	.3		.3											32	32	111	22
48/ 67			.4	.5	.4	.1	.5	.1	.1												18	19	115	37
46/ 65		.1	.1	.3	.1	.3	.3	.3													11	11	135	58
44/ 63						.3															2	2	103	107
42/ 61			.3																		2	2	103	73
40/ 59			.1																		1	1	53	75
38/ 57																							32	49
36/ 55																							11	51
34/ 53																							3	49
32/ 51																							1	33
30/ 49																								58
28/ 47																								39
26/ 45																								50
24/ 43																								12
22/ 41																								8
20/ 39																								5
18/ 37																								9
16/ 35																								2
14/ 33																								1
Element (X)	Σ x ²		Σ x		Σ		Σ _R		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

PSYCHROMETRIC SUMMARY

174157	AL JUBAYL/244444V SAUDI ARABIA	75-34
STATION	STATION NAME	

YEARS _____ MONTH 12

PAGE 2 ~~1500-1700~~
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
33 / 37																						13
35 / 35																						15
34 / 33																						7
32 / 31																						4
30 / 29																						4
28 / 27																						2
26 / 25																						1
24 / 23																						1
13 / 17																						7
101A	.1	.5	1.3	3.3	4.5	7.9	9.3	9.5	11.5	11.8	12.2	3.4	5.7	4.5	3.8	3.2			953		853	
																			853		853	

USAFETAC
FORM
AA 44
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Z_X	Z_X	X	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						$\leq 0^\circ F$	$\leq 32^\circ F$	$\geq 67^\circ F$	$\geq 73^\circ F$	$\geq 80^\circ F$	$\geq 93^\circ F$	Total
Dry Bulb	1353465	31385	36.715	2.69	353			89.6	86.9	72.9	17.6	90
Wet Bulb	3713494	56112	65.8	4.764	953			40.3	5.6	.2		90
Dew Point	2473379	45233	53.0	3.559	953		1.5	5.7	.5	.1		90

PSYCHROMETRIC SUMMARY

75-93

YEARS

APR
MONTH

PAGE 1 ~~1500-1700~~
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
120/105										.1							.1	2	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

PSYCHROMETRIC SUMMARY

75-34

YEARS

ADD:

MONTH

2135 2 1233-1423
HOURS (L. S. T.)

[illegible]

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

PSYCHROMETRIC SUMMARY

75-34

YEARS

ADP
MONTH

PAGE 1 1211-14
HOURS 11-5-1

[illegible]

PSYCHROMETRIC SUMMA

12415J	AL JIBAYL/24A-TRAY SAJDI ARABIA
STATION	STATION NAME

75-84

YEARS

MONTH

PAGE 2 1977-11
HOURS (L. S.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb Dew
32 / 31																				
32 / 29																				
29 / 27																				
29 / 25																				
24 / 23																				
20 / 19	.4	1.1	2.3	4.1	5.1	7.6	9.2	14.3	11.4	13.7	11.9	6.9	5.6	3.9	.7	2.1			927	927
																			927	927

PSYCHROMETRIC SUMMARY

75-34

YEARS

AD
MONTH

PAGE 1 1977-
HOURS (L. 5)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

474157 AL JIBAYL/DHAKRAH SAUDI ARABIA 75-34

YEARS

PAGE 2 767
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb				
70-81																								
81-90																								
90-100																								
100-110																								
110-120																								
120-130																								
130-140																								
140-150																								
150-160																								
160-170																								
170-180																								
180-190																								
190-200																								
200-210																								
210-220																								
220-230																								
230-240																								
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360-370																								
370-380																								
380-390																								
390-400																								
400-410																								
410-420																								
420-430																								
430-440																								
440-450																								
450-460																								
460-470																								
470-480																								
480-490																								
490-500																								
500-510																								
510-520																								
520-530																								
530-540																								
540-550																								
550-560																								
560-570																								
570-580																								
580-590																								
590-600																								
600-610																								
610-620																								
620-630																								
630-640																								
640-650																								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

PSYCHROMETRIC SUMMA

STATION 474150 AL JUBAYL/DHAKRAH SAUDI ARABIA 75-34 YEARS MAY MONTH

PAGE 1 0970-1 HOURS (L. S.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb Dev																
110/109																	.1	1	1																	
108/107																	.3	3	3																	
105/105																	.2	1.7	17	17																
104/103																.1	.3	.7	13	13																
102/101														.5	.5	1.4	2.5	41	41																	
100/99							.2	.1	.1		.2	.5	.7	1.5	1.4	4.5	4.7	123	123																	
98/97								.2	.1	.2	.3	.9	.7	.5	2.4	1.6	2.2	1.4	86	96																
96/95							.2	.1	.2	.3	.9	2.4	2.5	1.1	4.7	1.5	1.4	136	136																	
94/93							.2		.2	1.5	1.1	1.4	2.4	1.5	1.3	.5	.1	91	91																	
92/91								.7	1.7	.9	1.5	4.1	.5	2.5	.8	.3		111	111																	
90/89					.1	.1	.5	.5	.8	.9	1.3	1.7	1.7	1.7	1.7			69	69	2																
88/87						.1	1.3	.7	1.5	1.7	1.7	.3	.3	.2	.5			73	73																	
86/85						.1	.5	.1	.9	.6	1.1	.3	.7	.1	.3			46	46	1																
84/83				.2		.3	.9	.5	.7	.5	.1	.2	.1	.1				34	34	5																
82/81			.1	.5	.1	.1	.3	.3	.3		.3	.1	.1					25	25	5																
80/79						.3	.1	.5			.2							12	12	3																
78/77			.1							.1								2	2	35																
76/75																				79																
74/73																				93																
72/71																					139															
70/69																					193															
68/67																					142															
66/65																					135															
64/63																					52															
62/61																					17															
60/59																					3															
58/57																					1															
56/55																																				
54/53																																				
52/51																																				
50/49																																				
48/47																																				
46/45																																				
44/43																																				
Element (X)	Σ X'					Σ X					X̄					σ _x					No. Obs.					Mean No. of Hours with Temperature						Total				
Rel. Hum.																										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

PSYCHROMETRIC SUMMARY

YEARS

May
MONTH

PAGE 2 7900-11
HOURS 11. 5. 1

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

109150 STATION AL JIBAYL/DHAIRAN SAUDI ARABIA 75-84 YEARS MONTH 48

PAGE 1 1233-1 HOURS (L.S.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb De														
114/113																		.3	3	3														
112/111																		.1	1	1														
110/109																		.2	3	8														
108/107																		2.3	22	23														
106/105									.1							.3	.5	5.2	52	52														
104/103									.1							.1	.3	3.2	47	47														
102/101							.3		.1		.1	.2	.1	.3	1.5	.2	1.5	.2	5.5	35	35													
100/99									.2		.1	.2	1.0	1.5	2.5	2.5	5.1	3.5	13.8	138	138													
98/97											.3	1.7	.3	1.3	1.0	1.5	2.5	1.6	9.9	89	89													
96/95									.1	.3	.2	.5	2.1	2.1	1.7	2.5	2.2	2.2	12.2	122	122													
94/93								.2	.2	.1	.5	.7	.5	1.5	.2	.9	.5	.1	4.9	49	49	1												
92/91								.1	.2	.2	.5	1.3	1.3	.3	1.1	.2	.5	.3	7.3	73	73	4												
90/89								.2	.5	.7	.9	1.1	1.0	.2	.2	.1			4.3	43	43													
88/87							.1	.3	.3	.2	.2	.7	.5	.5					3.5	35	35	1												
86/85							.1	.3	.3	.3	.3		.1	.3	.2				1.9	19	19	2												
84/83								.2	.5	.2	.3	.1	.1	.3					1.7	17	17	3												
82/81					.1	.1	.1	.1	.1				.1						5	5	5													
80/79									.1										1	1	22													
78/77																					43													
76/75																					73													
74/73																						115												
72/71																						152												
70/69																						175												
68/67																						134												
66/65																						84												
64/63																						42												
62/61																						11												
60/59																						7												
58/57																																		
56/55																																		
54/53																																		
52/51																																		
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48/47																																		
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24/23																																		
22/21																																		
20/19																																		
18/17																																		
16/15																																		
14/13																																		
12/11																																		
10/9																																		
8/7																																		
6/5																																		
4/3																																		
2/1																																		
0																																		

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 7 1211-14
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 P	
45 / 45																					1	
44 / 43																						
42 / 41																						
40 / 39																						
38 / 37																						
36 / 35																						
34 / 33																						
32 / 31																						
30 / 29																						
28 / 27																						
26 / 25																						
1019						.1	.7	1.5	3.5	3.5	4.7	5.2	3.2	3.3	7.3	12.5	13.1	37.9	37.6	37.6	3	

PSYCHROMETRIC SUMMAR

75-34

YEARS

4.5
MONTH

PAGE 1 1577-172
HOURS 11:57

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

45
MONTH

PAGE 2 1533-1733
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			
45 / 47																					5			
45 / 45																					52			
44 / 43																					34			
42 / 41																					33			
40 / 39																					1			
38 / 37																					6			
35 / 35																					9			
34 / 33																					3			
32 / 31																					7			
28 / 27																					2			
TOTAL						5	1.3	4.3	4.0	5.1	5.5	7.7	11.8	9.9	11.3	11.9	11.5	15.3		859	859			
																		859		859				

Element (X)	Σ x ²	Σ x	Σ	Σ _s	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	324249	25372	29.5	12.293	859	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	
Dry Bulb	7597125	81159	94.5	5.337	859			23.2	23.2	22.2	67.3	93
Wet Bulb	4292492	52523	72.4	4.365	859			73.9	27.5	3.1	.1	93
Dew Point	2759492	47919	55.8	3.133	859		.5	12.9	4.8	1.2		9

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

✓

PAGE 1 1533-2000
HOURS (L. S. T.)

444
MONTH

[illegible]

PSYCHROMETRIC SUMMARY

1 1 1 2 2 4 1 1 7 9 Y L / 2 4 A T R A V S A J J I A R A B I A 7 5 - 3 4
STATION STATION NAME

YEARS

44
MONTH

PAGE 2 ~~1833-2030~~
HOURS 11.5.11

[illegible]

PSYCHROMETRIC SUMMARY

124157 AL JIBAYL/244134V SAUDI ARABIA 75-33

YEARS

4A7
MONTH

PAGE 1 2177-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 174150 AL JUBAYL/244424N 51J01 330314 75-54 YEARS MAY
PAGE 0 2177-2377 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
018	.2	.5	2.7	3.4	11.1	9.5	15.0	11.4	11.5	8.8	3.9	4.8	2.9	2.4	1.2	.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</

PSYCHROMETRIC SUMMARY

YEARS

____ MONTH

2437 1

[illegible]

PSYCHROMETRIC SUMMARY

2437 ALL
HOURS 10-5-1

[illegible]

GLOBAL CLIMATOLOGY BRANCH
JFATITAC
AIR WEATHER SERVICE/440

PSYCHROMETRIC SUMMARY

STATION 32 J033YL/D444RAY SAUDI 424314 75-34 YEARS MONTH

PAGE 1 1100-1100
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
100/101																	.1																1	1		
99/99																	.4																7	7		
98/97							.1		.3					.8	.4	.8	.1															15	15			
95/95									.2				1.7	1.3	.5	1.3	.9															43	43			
94/94					.7						.1	1.3	1.3	1.4	.5	.5	.1														40	40				
92/91			.3			.1			.1	1.2	1.7	2.2	.2	.2	.1																	33	33			
90/89					.1	.3			.9	1.3	1.7	2.1	.8	.1	.1																	58	58			
88/87				.3	.1	.1	.5	1.2	.4	.9	1.5	.5	1.4	.5	.3	.1																55	55	2		
85/85				.3	.3	.3	.4	.5	.9	1.2	1.2	1.2	.4	.5	.1																	55	55	5		
84/83			.2	1.2	1.9	.9	2.2	1.9	2.7	2.2	1.7	.2	.5	.1																		125	125	3		
82/81		.1	1.9	2.5	2.3	1.4	3.2	1.9	3.3	.9	2.5	.5	.3	.1																		157	158	5		
80/79	.3	.2	.1	.9	1.2	1.3	.5	.5	.9	.5	.1	.1																				54	54	21		
77/77	.1	.1	.5	1.4	.5	.5	.9	.4	.3	.5		.1																				45	44	35		
75/75			.1	.1		.5	.1																									7	7	51		
74/74		.1		.1		.3	.1	.1																								5	5	97		
72/71																																			111	111
70/69				.1																													1	1	147	
68/67			.1																														1	1	107	
65/65																																			73	73
64/63																																			52	52
62/61																																			35	35
60/59																																			23	23
58/57																																			2	2
55/55																																			2	2
54/53																																				27
52/51																																				29
50/49																																				35
48/47																																				24
45/45																																				47
44/43																																				6
42/41																																				12
40/39																																				2
35/37																																				4
32/35																</																				

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

PSYCHROMETRIC SUMMARY

424150 AL JUBAYL/DHARAN SAUDI ARABIA 75-34 YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																
100/101																		.1	1	1																	
100/99								.1	.1					.4	.5	1.1	.3	.5	.3	29	29																
98/97								.1	.1		.1	.5	1.0	1.1	.3	.5	.3	.3	32	32																	
95/95						.4	.1	.3	.1	.1	.1	1.7	2.7	1.2	1.5	.2	.1	.1	77	75																	
94/93							.1	.3	.1	.4	.2	1.1	2.4	.5	1.2	.1	.3	.5	59	59																	
92/91							.2	.2	.8	1.7	1.4	3.7	1.2	2.2	.3	.4		.3	122	123																	
90/89				.1	.3	.2	.5	1.7	1.0	1.5	2.2	1.1	1.0	.2	.3			.3	89	89																	
88/87					1.5	1.1	2.4	1.5	2.2	1.4	3.2	1.7	.3	.4	.2				135	131																	
86/85			.7	.4	.9	2.7	1.0	1.5	2.3	1.1	.4	.5	.5	.1				.5	95	95	4																
84/82		.3	.3	1.3	.9	2.7	1.1	1.3	1.5	.3	.4	.4	.1					.2	93	93	4																
82/81	.1	.1	.5	1.4	2.4	.1	1.1	.3	.1	.4	.5	.3						.5	54	59	30																
82/79			.1			.3	.4	.3	.3										12	12	31	21															
78/77		.1		.1	.1	.1													3	3	51	53															
76/75																					32	15															
74/73																					173	35															
72/71																					127	49															
70/69																					145	59															
68/67																					35	39															
66/65																					52	57															
64/63																					73	1-1															
62/61																					15	41															
62/59																					3	71															
60/57																						15															
58/55																						12															
54/53																						45															
52/51																						27															
50/49																						23															
48/47																						19															
46/45																						37															
44/43																						2															
42/41																						2															
40/39																						6															
38/37																						3															
36/35																						2															
Element (X)	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.																			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F													
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0-26.5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS PUBLICATION OBSOLETE

PSYCHROMETRIC SUMMARY

1422-2230
HOURS 10.5.11

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 1 ~~1637-2000~~
HOURS T. S. T.

[illegible]0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

174157 AL JIBAYL/10144344 SAUDI ARABIA 75-84

YEARS

1527-1700
MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
45 / 45																						101										
44 / 43																						92										
42 / 41																						39										
43 / 39																						15										
32 / 37																						6										
35 / 35																						16										
34 / 33																						10										
32 / 31																						4										
25 / 27																						0										
1014						.1	.2	.8	.7	1.2	1.4	4.2	4.7	5.2	7.1	11.1	114.2	45.7		334		931										
																			831		931											
							</																									

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/44C

PSYCHROMETRIC SUMMARY

1500 STATION AL JUBAYL/DHAKRAH SAUDI ARABIA 75-44

YEARS

MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
114/113																		.4	3	3															
112/111																		1.3	3	3															
110/109												.1						.2	3.1	29	29														
108/107									.1		.1	.1		.2	.5	.1	4.3	45	47																
106/105							.1			.2		.4				.5	.4	9.4	95	95															
104/103							.1				.1			.5	1.3	.5	2.7	7.3	102	102															
102/101					.1			.1	.2		.1	.2	.1	1.3	2.3	3.0	11.1	159	159																
100/ 99								.2	.1	.1	1.3	1.4	2.3	4.0	3.7	5.2	7.3	219	219																
98/ 97									.1		.5	.7	1.3	1.3	1.7	2.4	1.2	79	80																
96/ 95							.1	.1	.5	.5	1.3	1.2	1.1	.3	1.8	.4	.2	55	55																
94/ 93							.2	.2	.1	.4	.5		.7	.1				15	15	1															
92/ 91											.2	.2		.2				5	5	1															
90/ 89										.1		.1	.1					3	3	1															
88/ 87												.1	.1					2	2	2															
86/ 85																				5	1														
84/ 83																				5	2														
82/ 81																				7	9														
80/ 79																				35	1														
78/ 77																				54	4														
76/ 75																				93	7														
74/ 73																				125	11														
72/ 71																				155	9														
70/ 69																				192	23														
68/ 67																				115	19														
66/ 65																				44	31														
64/ 63																				5	65														
62/ 61																					34														
60/ 59																					56														
58/ 57																					55														
56/ 55																					41														
54/ 53																					41														
52/ 51																					51														
50/ 49																					57														
48/ 47																					58														
Element (X)	Σ X					Σ X					Σ X					Σ X					Σ X					Σ X									
Rel. Hum.																																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

YEARS

_____ JUL _____
 MONTH
 2435 1277-1400
 MOORE (I. S. T.)

[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

PSYCHROMETRIC SUMMARY

174150 3. JUBAYL/DHAKHAN SAUDI ARABIA 75-93

STATION YEARS MONTH

PAGE 1 1277-1800
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															
115/117																		.5	4	4																
115/115																		.4	3	3																
114/113																		3.1	25	25																
112/111																	.1	4.3	35	35																
113/109														.1	.2			.4	3.7	77	77															
123/107															.5			.2	12.2	95	95															
135/105						.1	.2	.1					.1	.2	.2	1.9	16.7	151	161																	
124/103								.1				.1		.5	.4	.6	2.4	3.5	105	105																
112/101										.2	.5	.1	1.3	1.3	2.4	7.7	115	115																		
122/99				.1	.1				.1	.1	.5	1.7	1.5	1.7	2.5	2.9	4.2	123	123																	
93/97							.1	.1		.5	.2	1.3	.4	.7	.9	.5	.1	37	39																	
95/95							.1	.1	.1		.7	.5	.7	.1	1.7	.2		31	31	2																
94/93									.1				.1	.1	.1			4	4	1	2															
92/91																				1	1															
92/89															.1			1	1	1	2															
93/87																.2		2	2	1	2															
95/85																																				
94/83																																				
92/81																																				
93/79																																				
73/77																																				
72/75																																				
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Element (X)	Σ X'	Σ X	X	°A	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26-5 (OLA) 10-64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

174157 STATION 4. JJBAYL/344424V 54 J27 42A314 75-34 YEARS MONTH JULY

PAGE 2 0912-1137 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
45/ 45																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	473359	17837	21.5	17.199	825	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	9375753	32597	122.2	4.921	825			97.7	97.7	97.7	95.7	90
Wet Bulb	4151452	59424	72.8	4.525	825			76.4	27.2	3.1	.1	90
Dew Point	2331237	42957	52.1	12.718	825		3.7	5.8	2.3	1.4		47

USAFETAC FORM 44 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

_____ MONTH

PAGE 1 3930-110
HOURS 11. 5. 1.1

[illegible]

PSYCHROMETRIC SUMMARY

75-34

YEARS

MANM

PAGE 2 1577-1B
HOURS 11.5.1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew
34 / 33																					
32 / 31																					
30 / 29																					
28 / 27																					
26 / 25																					
24 / 23																					
1014	.1	.4	.5	.3	2.4	1.7	5.5	5.3	8.7	9.9	10.3	13.3	10.5	11.2	9.1	5.4	3.3		722		732

Element (X)	Σ X'	Σ X	X	°X	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1322513	25643	34.2	15.523	783	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5115567	52787	38.2	5.179	733			27.2	27.7	45.5	27.2	
Wet Bulb	3528422	52373	57.8	5.587	732			52.7	18.3	1.7		
Dew Point	2393347	42242	54.2	11.591	732		2.5	11.2	4.3	.8		

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

PSYCHROMETRIC SUMMA

75-34

YEARS

MONTH

PAGE 1 3633-3
HOURS (L. S.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew													
12/ 101														.1					1	1														
12/ 99												.3	.8	.1	.6	.6	.1		23	23														
93/ 97											.1	.1	.1	.3	.4	.3	.5		14	14														
92/ 95							.1	.1	.1	.1	.1	1.3	.7	.5	.5	2.1	.8	1.4	54	65														
94/ 93					.1	.1	.1	.1	.4	.5	.9	1.3	1.9	1.7	.9	1.2	.7	75	75															
72/ 91				.1	.1	.1	.1	.3	.9	2.1	1.3	2.8	.5	1.3	.9	1.5	.1	115	126															
92/ 89					.1			.3	.4	.9	1.4	1.2	1.9	1.3	1.5	1.2	.6	.1	95	85														
93/ 87					.5		1.2	1.7	2.7	1.4	1.7	1.7	1.3	2.4	2.3	.4	.1	136	135	1														
95/ 85				.1	.1	.3	.5	.3	1.3	1.2	.9	.9	1.7	1.7	.6			78	73	3														
94/ 83				.1	.1		1.2	.5	1.3	.7	1.2	1.3	1.2	1.5	.1			74	74	2														
92/ 81		.1	.7	.3	.3	.3	1.5	1.2	.9	1.5	.6	1.4	1.2	.3				76	77	3														
30/ 72		.1			.1	.3	.4	.5		.4	.3	.3						23	27	12														
73/ 77	.1		.4		.3	.5	.1	.1	.4	.4	.3	.1						75	25	72														
75/ 75					.1													1	1	92														
74/ 73		.1		.1														2	2	67														
72/ 71																				75														
70/ 69																				173														
52/ 67																				95														
55/ 65																				97														
54/ 63																				92														
52/ 61																				98														
54/ 59																				42														
53/ 57																				15														
55/ 55																				4														
54/ 53																																		
52/ 51																																		
53/ 49																																		
33/ 47																																		
45/ 45																																		
33/ 43																																		
42/ 41																																		
33/ 39																																		
33/ 37																																		
35/ 35																																		
Element (X)	ΣX^1	ΣX	$\bar{X}$	σ_x	No. Obs.		Mean No. of Hours with Temperature																											
Rel. Hum.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

ALL PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

JSAFETAC

PSYCHROMETRIC SUMMA

124150	AL JUBAYL/DHAKIRAN SAUDI ARABIA
STATION	STATION NAME

75-94

YEARS

11 MONTHS

PAGE 2 2322-1
NOV 1951

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

134153 AL JIBAYL/DHAKRAH SAUDI ARABIA 75-84 YEARS MONTH

PAGE 1 7300-1
HOURS (L.S.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	De	
100/ 99																	.1		1	1		
93/ 97																			2	2		
95/ 95												.1	.3	.5	.8	.1	.3		17	17		
94/ 93					.1					.4	.5	.5	.3	.5	.5				22	22		
92/ 91			.3	.1			.1		.1	1.5	1.1	1.5	.9	.9	.5	.1			57	57		
90/ 89						.4	.1	.5	1.1	1.6	2.5	1.6	.5	1.7	.5	.3			83	83		
88/ 87				.1		.1	.5	1.3	2.5	1.3	3.1	.9	1.4	1.1	.4				102	102	4	
85/ 85			.1	.3	.5	.4	1.2	.5	1.3	1.9	.3	.9	1.3	.5	.1				73	73		
84/ 83				.5	.5	.4	2.5	1.5	2.1	2.1	1.4	2.3	1.9	.3					171	121		
82/ 81			.4	.4	1.4	1.5	1.2	2.4	1.2	1.5	2.3	2.3	1.5	.5					147	143	4	
80/ 79	.1	.3	.5	.5	1.1	.3	1.3	.3	.8	.5	.5								59	59	13	
78/ 77	.3	.5	.5	1.1	1.5	1.3	.9	.7	.5	.3	.4	.4							72	72	17	
75/ 75		.1	.3	1.3	.3	.1	.8	.5	.3	.1									23	23	42	
74/ 73	.1	.5		.1	.1			.3	.1	.3									12	12	74	
72/ 71				.1															1	1	119	
70/ 69				.1	.1	.1													3	3	122	
68/ 67																					107	
66/ 65																					86	
64/ 63																					59	
62/ 61																					75	
60/ 59																					43	
58/ 57																					12	
56/ 55																					7	
54/ 53																						
52/ 51																						
50/ 50																						
48/ 47																						
46/ 45																						
44/ 43																						
42/ 41																						
40/ 39																						
38/ 37																						
36/ 35																						
34/ 33																						
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Tot	
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-5 (OLA) 10-64

PSYCHROMETRIC SUMM

YEARS

PAGE 2 ~~1111~~

[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

PSYCHROMETRIC SUM

STATION AL JUBAYL/DHA-RAY SAUDI ARABIA YEARS 75-84

PAGE 1 210 HOURS

Temp. (°)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B. Dry Bulb	Wet Bulb			
74 / 33																						
72 / 31																						
TOTAL	.1	.5	1.7	2.3	5.9	7.3	8.4	7.3	9.5	8.2	9.5	11.2	10.5	8.2	4.5	2.7	1.2					
																		7.3	7.3			

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ^2	No. Obs.	Mean No. of Hours with Temperature					
Rel. Hum.	1525577	33733	83.0	17.525	783	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	5251524	70100	89.1	4.739	783			90.2	92.3	89.2	22.6
Wet Bulb	4231545	55255	71.5	4.359	783			76.9	36.3	5.2	
Dew Point	3143319	43242	51.5	9.325	783			27.9	13.4	1.5	

USAFETAC FORM 026-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/440

PSYCHROMETRIC SUMM

STATION 004150 STATION NAME AL JUBAYL/24413AY SAUDI ARABIA YEARS 75-84 MON

PAGE 1 HOURS (L)

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

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

PSYCHROMETRIC SUMMARY

75-54

YEARS

11 MONTH

243-

HOURS 11

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B. Dry Bulb	Wet Bulb De				
50/ 49																							
49/ 47																							
48/ 45																							
47/ 43																							
46/ 41																							
45/ 39																							
44/ 37																							
43/ 35																							
42/ 33																							
41/ 31																							
40/ 29																							
39/ 27																							
38/ 25																							
37/ 23																							
36/ 21																							
TOTAL	.1	.4	1.0	1.9	2.9	3.7	4.5	4.5	5.4	5.1	7.4	9.4	3.2	7.5	3.2	3.2	21.3	6433					
																		5415	5415				

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3223362	211298	32.4	17.813	5415	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	55354255	522377	93.4	3.553	5439			727.2	719.3	637.0	342.9	
Wet Bulb	32133795	452384	70.5	5.156	6415			585.4	234.9	32.4	.9	
Dew Point	21213555	352183	55.4	10.287	6415			9.9	124.9	53.2	2.9	.4

PSYCHROMETRIC SUMMARY

75-34

YEARS

_____ MONTH

2453

3333-

[illegible]

PSYCHROMETRIC SUMMA

75-34

YEARS

MONTH

DATE : 2000-0
HOURS (L. S.)

[illegible]

PSYCHROMETRIC SUMMARY

75-34

YEARS

MONEY

PAGE 1 0330-35
HOURS (L. S. T)

[illegible]

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100

75-84

YEARS

MONTH

PAGE 2 1370-050
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 1 ~~3633-3833~~
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														
105/105																		.1	1	1															
104/103																		.1	1	1															
102/101																		.1	1	1															
101/99									.1			.1	.4	.2	.4	.4	.5	1.5	30	30															
99/97							.4		.2	.1	.4	.1	.5	.5	.4	1.0	.7	35	35																
97/95						.1	.5		.4	.2	.2	2.0	1.2	.9	3.5	2.1	1.5	113	113																
97/93				.4	.2	.5	.4	.1	.2	1.4	.9	.5	1.5	1.6	1.4	.2	.1	79	93																
92/91			.4	.1	.5	.7	.1	1.0	.5	1.4	1.0	2.1	.5	3.3	2.6	1.0	.1	125	125																
90/89		.1	.1	1.2	.2	.1	.5	.4	.5	.7	.2	1.1	1.1	2.0	1.0	.5		83	83																
88/87		.5	.2	1.4	.4	.2	.5	.5	1.7	.2	1.4	1.5	2.5	2.7	.5			115	115	8															
85/85		.2	.5	.7	.5	.3	.1	.2	.5	.7	.4	.5	1.1	.7	.2			62	62	15															
84/83	.1	.4	1.0	1.1	.4		.5	.4	.2	1.2	.7	1.5	1.2	.5				60	60	39															
82/81	.1	1.0	.2	.9	.5	.5	1.1	.5	.5	.4	.7	.4						63	60	33															
80/79		.1	.1		.1		.1	.5	.2	.1		.1						12	12	38															
78/77		.1				.2	.1	.1		.1								5	5	48															
76/75																				47															
74/73																				57															
72/71																				54															
70/69																				75															
68/67																				105															
66/65																				111															
64/63																				120															
62/61																				52															
60/59																				15															
58/57																																			
56/55																																			
54/53																																			
52/51																																			
50/49																																			
48/47																																			
46/45																																			
44/43																																			
42/41																																			
40/39																																			
Element (X)	Σ X ²		Σ X		Σ		Σ A		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total												
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

134157	AL JUBAYL/DHAHRAN SAUDI ARABIA	75-34
STATION	STATION NAME	

YEARS

MONTH

PAGE 2 0611-1811
HOURS (L. S. T.)

[illegible]

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PAGE 1 0977-1177
HOURS (L. S. T.)

75-34

YFARS

MONTH

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

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PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 2 1977-1177
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		
41 / 47																					57		
40 / 45																					59		
40 / 43																					51		
40 / 41																					34		
40 / 39																					15		
38 / 37																					8		
35 / 35																					14		
34 / 33																					3		
32 / 31																					7		
25 / 27																					3		
354		.1	.1	.2	1.2	1.5	2.2	2.1	1.2	2.2	4.7	5.7	8.2	9.7	15.4	4.2		352		352	952		
																		352		352			

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5827.22	27527	28.213.752		352	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	3374247	35973	122.2	4.323	352			93.7	93.7	93.7	92.0	53
Wet Bulb	4575376	52232	73.1	4.959	352			88.3	43.2	11.1		53
Dew Point	2732212	47735	56.311.821		352		7	15.5	2.5	2.7		0

PSYCHROMETRIC SUMMARY

YEARS

MONTH _____

243-1 1233-1433
HOURS 5 4

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
113/117																		.7	5	5															
115/115																		.7	5	5															
114/113																		4.0	38	32															
112/111															.2			7.1	51	51															
113/109														.1	.2	.5	1.1	5.1	150	157															
108/107												.2	.4	.1	1.7	1.3	12.3	127	123																
105/105								.1	.1			.4	.4	.4	.3	3.7	14.9	177	177																
104/103							.1			.1	.4	.7	.7	1.1	1.1	1.9	3.7	32	32																
102/101							.1		.4	.3	.4	2.2	.7	1.3	1.3	1.7	1.9	93	91																
100/99							.2	.2	.1	.7	1.1	1.3	1.7	.5	1.2	1.3	.1	59	58																
95/97							.1	.1	.4	.4							.7	10	10																
95/95							.1	.4	.1	.4	.1			.1				13	13																
94/93							.7		.1								.1	4	4	2															
92/91																					1														
90/89																					2														
88/87																					2														
85/85																					19														
84/83																					19														
82/81																					43														
80/79																					55														
79/77																					52														
75/75																					25														
74/73																					161														
74/71																					150														
73/69																					179														
62/67																					32														
60/65																					2														
64/63																					1														
62/61																					39														
62/59																					40														
64/57																					41														
62/55																					24														
64/53																					75														
62/51																					57														
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature																													
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 1277-1400
HOURS 10.5.71

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B.W.B.	Dry Bulb	Wet Bulb	Dew Point					
70 / 49																										
65 / 47																										
60 / 45																										
55 / 43																										
50 / 41																										
45 / 39																										
40 / 37																										
35 / 35																										
30 / 33																										
25 / 31																										
20 / 29																										
15 / 27																										
TOTL						.5	1.1	.7	1.1	2.2	2.2	4.9	3.7	4.2	5.1	11.3	52.3			532	R.D.					
																		370		830						

PSYCHROMETRIC SUMMARY

YEARS

MONTA

PAGE 1 100-1700
HOURS 11.5.11

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
115/115																		.1	1	1															
114/113																		.5	4	4															
113/111																																			
112/109															.1	1.7		17	17																
113/107														.2	.3	.1	.5	.2	49	49															
112/105											.1	.1		.1	.7	.2	.5	7.7	35	35															
114/103										.1	.2		1.3	.2	.5	4.2	13.4	172	172																
122/101									.2	.1	.5	1.7	.3	3.4	3.4	3.5	3.5	144	144																
131/99							.5	1.2	.3	.5	1.7	2.7	2.2	2.5	3.3	2.1	1.2	152	152																
131/97					.1	.5	.7	.2	.5	.5	.5	.2	.5	.7	.5	.8		52	51																
131/95						.2	.7	.3	.9	.3	.2	.2	.5	.1	.3			53	52																
141/93						.5	.2	.1		.1	.1							12	12																
131/89																				2															
141/87																				15	1														
151/85																				27	2														
141/83																				37	12														
131/81																				45	27														
131/79																				54	13														
131/77																				34	15														
131/75																				122	15														
141/73																				154	18														
121/71																				172	13														
131/69																				115	42														
151/67																				19	17														
151/65																					43														
141/63																					52														
151/61																					59														
141/59																					65														
131/57																					51														
151/55																					59														
141/53																					51														
151/51																					52														
151/49																					49														
141/47																					44														
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F						Total																		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC
FORM
MM 44
0.26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

75-34

YEARS

1 MONTH

24-7-1 7472-1100
HOURS 11.5.7.

[illegible]

PSYCHROMETRIC SUMMARY

104150	AL JUBAYL/JOHANNAY SAUDI ARABIA	75-34
STATION	STATION NAME	

YEARS

22
MONTH

PAGE 2 1511-3410
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
34 / 33																					
33 / 29																					
34 / 27																					
TOTAL	1.7	3.2	2.9	3.5	3.5	3.5	4.5	5.5	3.8	7.7	9.7	11.3	12.7	9.4	7.8	3.3	1.2		321		321

PSYCHROMETRIC SUMMARY

YEARS

MONTH

2467 1 2500-2500
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

75-34

YEARS

ALL
MONTH

PAGE 2 0311-0500
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
JAFETAC
AIR WEATHER SERVICE/MAD

PSYCHROMETRIC SUMMARY

STATION 124152 A JJBAY/244424V SAUDI ARABIA 75-34 YEARS MONTH

PAGE 1 0330-0500 HOURS LT, 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			
12/ 99																	.5		4	4				
12/ 97											.1					.2	.4	.1	7	7				
12/ 95														.2	.2	.2			6	6				
12/ 93										.1			.1	.2	.4	.2			9	9				
12/ 91				.1	.4	.1	.1	.2	1.0	1.2	1.1	1.2	.6	1.3	.6				60	60				
12/ 89	.1	.5	.3	.1	.5	.2	.2	1.1	1.3	1.1	1.2	1.3	1.5	.7	.5				21	22	1			
12/ 87	.2	.3	.4	.5	.4	.2	1.3	.5	1.1	1.3	1.5	1.5	1.3	1.3	.1				102	102	7			
12/ 85	.5	1.5	1.3	1.2	.7	.4	.7	1.5	1.3	1.2	2.2	1.5	2.1	.2	.2				153	154	12			
12/ 83	1.1	1.3	.4	1.3	.9		1.5	1.3	1.3	1.5	2.0	1.7	.9	.2					123	123	35			
12/ 81	.1	1.5	1.5	1.7	1.5	1.1	2.7	2.5	2.2	2.2	1.5	.5	.3						152	152	35			
12/ 79	.2	.3	1.2	.7	.5	.5	.9	1.3	.5	.4	.4								58	58	32			
12/ 77	.2	.1	1.2	.7	.9	.3	.7	.4	.5	.2									46	47	45			
12/ 75						.1	.2		.1	.1									5	5	60			
12/ 73								.1	.1										2	2	67			
12/ 71																					31			
12/ 69																					97			
12/ 67																					35			
12/ 65																					107			
12/ 63																					83			
12/ 61																					43			
12/ 59																					15			
12/ 57																					2			
12/ 55																								
12/ 53																								
12/ 51																								
12/ 49																								
12/ 47																								
12/ 45																								
12/ 43																								
12/ 41																								
12/ 39																								
12/ 37																								
12/ 35																								
12/ 33																								
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

PSYCHROMETRIC SUMMARY

104150	AL JUBAYL/DHAKRAN SAUDI ARABIA	75-34
STATION	STATION NAME	

YEARS

ALL
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

75-34

YEARS

MONTH

PAGE 1 3303-32
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 P.													
100/101								.1										1	1															
99/99																.3		2	2															
98/97											.1					.1	.1	3	3															
97/95										.3	.5	.3		.5	.4	.1		21	21															
96/93									.3	.4	.5	.5	.3	.1	.1			23	23															
95/91			.3	.5	.5	.5		.1	1.1	1.3	.7	2.2	.4	1.7				73	73															
94/89	.1	.4	.3	1.3	.5	.4	.1	.9	.5	.9	.2	1.5	1.1	.5	.1			77	75	1														
93/87	.4	1.5	1.2	1.4	1.4	.1	.3	1.1	1.4	.5	2.3	1.1	1.5	.5	.1			122	122	12														
92/85	.1	.5	1.5	.4	1.5	.3	.9	1.3	1.3	1.3	1.5	.5	.9					131	131	34														
91/83	.5	1.3	1.5	2.3	1.5	.9	1.3	2.1	1.4	2.5	.5	.5	.3					137	133	34														
90/81		1.1	2.7	3.0	1.4	2.1	2.3	2.3	1.5	1.5	.3	.1						144	144	43														
89/79		.5	.9	.5	.9	1.3	.2	.9	.3	.1								55	55	45														
88/77		.4	.4	.4	.9	1.3	.5	.1	.8									59	47	56														
87/75						.1												1	1	68														
86/73																				95														
85/71																				33														
84/69																				109														
83/67																				95														
82/65																				60														
81/63																				33														
80/61																				14														
79/59																				1														
78/57																																		
77/55																																		
76/53																																		
75/51																																		
74/49																																		
73/47																																		
72/45																																		
71/43																																		
70/41																																		
69/39																																		
68/35																																		

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

Σ X²

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

PSYCHROMETRIC SUMMARY

_____ YEARS _____ MONTH

PAGE 2 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P.			
53 / 49																						34		
43 / 47																						2:		
45 / 45																						3:		
44 / 43																						18		
42 / 41																						14		
42 / 39																								
38 / 37																								
35 / 35																								
34 / 33																						1		
32 / 31																								
23 / 29																								
23 / 27																								
TOTAL	.3	1.3	2.4	3.4	4.2	4.4	5.1	4.5	5.8	5.4	5.5	7.3	7.3	6.9	5.8	7.4	23.2			55.7		667		
																		5572		5672				

Element (X)	Σ x'	Σ x	x̄	s _n	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	12332559	242843	37.5	21.115	6672							
Dry Bulb	52225395	535739	25.2	9.327	6582			748.2	784.2	738.5	835.6	74
Wet Bulb	35261942	492223	73.5	5.928	6672			661.2	398.5	134.6	.2	74
Dew Point	25222352	427323	51.2	12.321	6672		1.7	282.5	159.5	58.8		74

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

GLOBAL CLIMATE LOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

PSYCHROMETRIC SUMMA

124150 31 JULY/2004 1200 020310 75-34 YEARS MONTH ALL
STATION STATION NAME HOURS LT. 3

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew														
113/117																		.1	5																
115/115																		.1	3																
114/113																		.7	50																
112/111																		1.2	25																
110/109														.7	.1	.1	.2	3.7	242																
108/107													.7	.1	.2	.3	3.3	267																	
106/105								.0	.0	.0	.0	.0	.0	.1	.2	1.3	5.3	473																	
104/103							.0			.0	.1	.2	.4	.4	.4	1.0	2.4	333																	
102/101							.0	.1	.1	.2	.7	.2	1.1	1.1	1.4	2.0	459																		
100/99							.0	.2	.4	.3	.3	.2	1.2	1.2	1.4	1.4	2.0	740																	
98/97					.0	.1	.3	.1	.4	.3	.4	.2	.5	.7	.5	.8	.3	325																	
96/95				.0	.2	.3	.4	.3	.2	.5	.7	1.3	1.2	.5	1.1	.5	.3	530																	
94/93				.1	.4	.5	.4	.3	.4	.6	.5	.5	1.1	.5	.3	.1	.0	394																	
92/91	.0	.0	.3	.3	.5	.3	.2	.3	.5	.3	.7	1.0	.3	.7	.5	.2	.0	527																	
90/89	.0	.1	.1	.7	.5	.7	.4	.3	.5	.6	.5	.7	.5	.6	.2	.1		436																	
88/87	.0	.2	.2	.7	.7	.5	.9	.4	.7	.5	.8	.5	.7	.5	.1			512																	
86/85	.0	.2	.5	.5	.5	.5	.3	.3	.5	.5	.5	.5	.4	.1	.0			379																	
84/83	.0	.4	.5	.5	.7	.2	1.0	.5	.7	.5	.5	.5	.3	.1				465																	
82/81	.1	.4	.5	.5	.5	.4	.9	.5	.5	.3	.2	.0						337																	
80/79	.0	.1	.0	.0	.2	.2	.0	.2	.2	.1	.0	.0						73																	
78/77		.0		.0	.0	.0	.1	.1	.0	.0								22																	
76/75							.0											3																	
74/73																																			
72/71																																			
70/69																																			
68/67																																			
66/65																																			
64/63																																			
62/61																																			
60/59																																			
58/57																																			
56/55																																			
54/53																																			
52/51																																			
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ																
Rel. Hum.																																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMM

YEARS

PAGE 2 2125
HOURS 1

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

STATION 174157 STATION NAME 113847L/044124V SAUDI ARABIA YEARS 75-84 MON

PAGE 1 2100 HOURS (L)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb														
104/103																	.1														1	1		
102/101																	.5														9	9		
100/99									.1	.1	.5			.2	.2	.7	1.3	.7												38	38			
98/97								.5	.1					.2	.3	1.0	.6	.2												29	29			
95/95					.2	.3	1.3	.3	.5	.6	.7	1.2	.3	2.3	1.1	.1															23	33		
94/93																																		
92/91	.1	.1	.5	1.1	1.4	2.5	.9	2.2	1.3	2.3	2.2	2.3	.5	.4		.1														153	153	1		
90/89	.1	.1	.2	1.2	2.5	2.3	1.7	1.1	2.2	1.1	1.3	.8	.4	.2		.1														135	135	2		
88/87		.1	.5	1.5	2.9	1.2	3.5	1.9	2.2	2.2	1.7	.3	.2																	155	155	13		
85/85		.1	.7	.2	1.4	1.1	.5	.3	1.7	1.2	.5	.3	.1																	67	53	24		
84/83		.5	.1	.5	1.7	.4	1.9	.7	.4	.4	.1																			55	55	68		
82/81						.2	.2	.2	.1			.1																			3	3	88	
80/79					.2				.1																									
78/77			.1					.1																										
76/75																																		
74/73																																		
72/71																																		
70/69																																		
68/67																																		
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16/15																																		
14/13																																		
12/11																																		
10/9																																		
8/7																																		
6/5																																		

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

PSYCHROMETRIC SUMM

YEARS

PAGE ? 1021
HOURS 11

[illegible]

PSYCHROMETRIC SUMM

474157	AL JJ3AYL/24A4RAY SAJDI ARABIA	75-34
STATION	STATION NAME	

YEARS

PAGE 1 133
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb														
134/137													.1				.1	2																
135/135																	.2	4	4															
134/133													.2	.1	.4	.5	1.5	24	24															
122/121									.1		.2	.3	.1	1.1	1.1	1.5	2.5	54	55															
121/99								.1	.5																									
99/97							.1	.5																										
75/95					.2	1.1	.4	.5	3.7	1.5	2.7	4.7	3.1	1.3	1.5			120	130															
94/93				.2	1.2	.2	1.4	.2	1.4	1.3	1.3	1.3	1.2	.4				112	112															
92/91	.1		.4	.5	1.4	2.5	.5	1.9	1.9	1.5	.8	.8	.1	.2				110	110															
92/89			.1	.4	.3	.2	.4	.4	.5	.7	.4	.5						45	45															
83/87				.1	.5	.4	.1	.1	.1	.2	.1							15	15															
85/82					.1													1	1	3														
84/83																				4														
82/81					.1													1	1	6														
83/79																				9														
74/77																				3														
75/75																				10														
74/73																				13														
72/71																				17														
73/69																				11														
63/67																				3														
55/65																																		
54/63																																		
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54/53																																		
52/51																																		
52/49																																		
43/47																																		
45/45																																		
44/43																																		
42/41																																		
Element (X)	Σ X ¹				Σ X				X̄				σ _X				No. Obs.				Mean No. of Hours with Temperature													
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUM

104152 AL JUBAYL/DHAKRAH SAUDI ARABIA 75-34

YEARS

PAGE 1 15
HOU

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOT
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet B	
45/ 45																					
44/ 43																					
41/ 41																					
40/ 39																					
35/ 37																					
35/ 35																					
34/ 33																					
TOTAL							1	1.5	2.2	2.2	2.5	2.3	3.4	5.3	5.9	9.1	9.7	14.3	42.2		359
																			358		8

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	733339	22555	25.4	13.117	353						
Dry Bulb	2143792	33553	123.1	4.134	359			23.7	23.7	23.7	23.7
Wet Bulb	4355791	54427	75.1	4.727	353			23.7	59.7	17.6	
Dew Point	3157445	51257	59.9	17.534	353			22.9	12.9	5.1	

USAFETAC FORM 0-26-5 (OL A) 10-64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAAC

PSYCHROMETRIC SU

STATION 434153 AL JIBAYL/DHAKRAH SAUDI ARABIA 75-84 YEARS

PAGE 2

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		T
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B./W.B.	Dry Bulb We															
42/ 41																																		
40/ 39																																		
38/ 37																																		
36/ 35																																		
34/ 33																																		
32/ 31																																		
30/ 29																																		
28/ 27																																		
26/ 25																																		
24/ 21																																		
TOTAL		1.2	1.2	2.3	2.3	2.3	1.4	2.7	4.2	5.2	7.3	7.9	11.5	13.5	13.8																			

USAFETAC FORM 026-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Σx^2	Σx	$\bar{x}$	s^2	No. Obs.	Mean No. of Hours with Temperature					
Rel. Hum.	334332	23753	27.7	15.225	858	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F
Dry Bulb	9556718	95724	99.7	4.291	963			93.7	93.7	93.7	89.4
Wet Bulb	4577114	52582	73.1	5.697	953			85.7	83.5	14.7	
Dew Point	2245133	49797	57.2	12.627	953		1.5	12.1	13.1	4.3	

PSYCHROMETRIC SUM

YEARS

2952 1 12

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOT
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb														
15/115																		.1	1	1														
14/113																		1.4	12	12														
12/111																		.1	2.4	21	21													
12/109																		.2	.4	5.5	51	51												
10/107																		.4	.2	.2	9.5	90	90											
10/105											.1	.1	1.1	.5	1.1	2.4	13.5	205	205															
10/103											.2	.3	.7	1.3	2.2	3.3	9.5	159	159															
12/101										.5	.2	.5	1.5	.2	2.7	3.8	2.9	5.5	144	144														
10/99								.5	1.1	1.1	.7	1.5	1.4	1.5	2.5	1.9	.4	.7	117	117														
23/97					.1	.3	.2	.2	.4	.1	.3			.3	.5	.2			25	25														
25/95								.2	.4	.1		.4							9	9														
22/93								.1											1	1														
20/91																																		
18/89																																		
16/87																																		
14/85																																		
12/83																																		
10/81																																		
8/79																																		
6/77																																		
4/75																					1													
2/73																					1													
0/71																					2													
25/69																					1													
23/67																																		
21/65																																		
19/63																																		
17/61																																		
15/59																																		
13/57																																		
11/55																																		
9/53																																		
7/51																																		
5/49																																		
3/47																																		

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.											
Dry Bulb											
Wet Bulb											
Dew Point											

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

PSYCHROMETRIC SUM

YEARS

PAGE 2 12

[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

174152 STATION 3. JJB476/D4A424V SAJDI A3A31A 75-34

YEARS

PAGE 1 152
HOURS

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL												
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb																									
114/113																																													
112/111																																													
110/109																																													
108/107																																													
106/105																																													
104/103																																													
102/101																																													
100/ 99																																													
98/ 97																																													
96/ 95																																													
94/ 93																																													
92/ 91																																													
90/ 89																																													
88/ 87																																													
86/ 85																																													
84/ 83																																													
82/ 81																																													
80/ 79																																													
78/ 77																																													
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74/ 73																																													
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34/ 33																																													
32/ 31																																													
30/ 29																																													
28/ 27																																													
26/ 25																																													
24/ 23																																													
22/ 21																																													
20/ 19																																													
18/ 17																																													
16/ 15																																													
14/ 13																																													
12/ 11																																													
10/ 9																																													
8/ 7																																													
6/ 5																																													
4/ 3																																													
2/ 1																																													
0/ 0																																													
Element (X)	ΣX^2																															ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature									
Rel. Hum.																																					≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F			
Dry Bulb																																													
Wet Bulb																																													
Dew Point																																													

PSYCHROMETRIC SUMM

YEARS

PAGE 2 1525
HOURS 1

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

D-26-5 (OLA)

FORM 1-1

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

PSYCHROMETRIC SUMM

124152 AL JUBAYL/2444444 SAUDI ARABIA 75-93

YEARS

MOI

PAGE 1 1377
HOURS (1)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb															
112/111																		.1	1	1															
125/125																																			
132/131														.2	.2	.2		.1	.7	13	15														
132/99									.2	.5	.1	.5	1.3	1.3	1.6	2.8	2.9	1.7	111	111															
99/97							.1	.5	.1	.5	.5	1.2	1.4	1.3	2.4	2.3	1.2	.2	103	103															
95/95					.1	.5	1.2	1.5	1.5	2.4	1.7	1.3	7.2	3.7	1.1	1.4	.2		239	239															
94/93				.1	.4	1.4	1.2	1.5	1.4	.3	2.7	1.7	1.7	1.7	.2				171	122															
92/91			.2	.7	1.1	3.2	2.2	.5	4.2	2.4	2.5	1.5	1.7	.1					166	166															
90/89			.2		.3	1.1	.5	1.2	1.3	1.0	1.2	.7	.1						59	73															
88/87			.1		.2	.3	.2	1.2	.7	.7	.1	.1	.1						35	35															
85/85							.1			.1									2	2															
84/83					.1			.1											2	2															
82/81																																			
81/79																																			
78/77																																			
75/75																																			
74/73																																			
72/71																																			
70/69																																			
68/67																																			
65/65																																			
64/63																																			
62/61																																			
62/59																																			
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54/53																																			
52/51																																			
50/49																																			
48/47																																			
45/45																																			
43/43																																			
42/41																																			
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_x		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											$\leq 0 F$		$\leq 32 F$		$\approx 67 F$		$\approx 73 F$		$\approx 80 F$		$\approx 93 F$														
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

PSYCHROMETRIC SUMMA

75-94

YEARS

15
MONTH

PAGE 2 1833-2
HOURS (L. S.)

[illegible]

PSYCHROMETRIC SUMMARY

75-94

YEARS

ALG
MONTH

PAGE 1 2133-23
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													
131/ 99													.1			.5	.4	5	3														
93/ 97												.2	.4	.1		.5	.4	17	17														
95/ 95					.1	.2	.2		.1		.4	2.2	1.4	1.3	.5	.5	.4	59	59														
93/ 93				.2	.7	.5		.1	.5	.3	1.9	1.2	1.4	.6	.2			73	71														
91/ 91		.2	1.1	1.3	3.1	1.4	.5	1.4	1.3	2.3	1.8	1.7	.7	.3				103	153														
91/ 89	.1	1.2	.4	1.7	1.3	1.2	.3	1.7	1.7	1.9	.7	1.7	.4	.5				115	115		3												
87/ 87	.2	.5	1.4	3.5	3.8	2.3	3.7	1.9	1.9	1.4	2.5	.5	.1					203	203	25													
85/ 85		.1	.5	.4	1.9	2.4	1.2	1.1	.8	.2	.1							73	73	36													
85/ 83		.2	.2	1.2	1.4	1.1	2.4	1.1	1.2	1.2	.1							85	85	55													
81/ 81		.2	.3	1.2	1.2	.5	.3	1.2	.1	.5								53	53	44													
79/ 79			.1	.1	.2	.2												5	5	73													
77/ 77						.1												1	1	77													
75/ 75																					38												
74/ 73																					114												
72/ 71																					113												
72/ 69																					91												
69/ 67																					51												
65/ 65																					25												
64/ 63																					4												
62/ 61																																	
60/ 59																																	
58/ 57																																	
55/ 55																																	
54/ 53																																	
52/ 51																																	
50/ 49																																	
48/ 47																																	
42/ 42																																	
44/ 43																																	
1014	.4	2.5	1.5	2.1	1.3	7.1	7.7	2.7	3.3	7.4	9.2	7.2	5.5	4.5	3.4	1.2	1.5	.7	335		8												
																		834		934													

Element (X)	Σx^2	Σx	$\bar{x}$	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2397819	45351	55.019791	934	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F		
Dry Bulb	5512387	74233	38.9	3.373	335			73.2	73.2	22.6	17.3	
Wet Bulb	4792573	53235	75.6	5.928	334			89.7	62.2	24.5		
Dew Point	4242223	57415	68.8	12.255	834			52.3	36.5	17.7		

PSYCHROMETRIC SUMMAR

75-34

YEARS

MONTH

PAGE 1 ALL
HOURS (L. S. T.)

[illegible]

✓

PAGE 2 ALL
HOURS (L. S. T.)

YEARS

جولاء
MONTH

[illegible]

PSYCHROMETRIC SUMMARY

474152	AL JUBAYL/JUBAYRAH SAUDI ARABIA
STATION	STATION NAME

75-34

YEARS

MONTH

PAGE 1 3333-3233
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

177127	AL JIBAYL 124434V SAJJI ARABIA	75-84
STATION	STATION NAME	

YEARS

6.55
MONTH

PAGE 1 7377-75-2
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

PSYCHROMETRIC SUMMARY

STATION 64157 AL JUBAYL/DHAKRAH SAUDI ARABIA 75-34 YEARS SEP MONTH
PAGE 1 0500-2400 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
99/ 97															.1			1	1	
99/ 95																.1		1	1	
98/ 97					.1	.3				.1		.1	.1	.1	.1	.3		10	13	
98/ 91				.1	.3	.4		.1	.5		.4	.3	.3	.5				25	26	
97/ 89				.5	.8		.1	.5		.4	.1	.5	.5	.8	.3	.1		23	23	
97/ 87		.3	1.3	.3	1.2	.4	1.4	.5	1.2	.4	.5	1.2	1.7	1.2	.4			35	25	
95/ 85		.4	1.7		.4	.5	.4	.3	.3	.3	.5	.9	.9	.3	.1			33	53	9
94/ 83	.3	1.4	1.3	1.5	1.2	.4	1.2	1.4	.5	.3	.2	1.5	1.5	.3				112	113	31
92/ 81	1.3	3.3	3.9	1.3	1.3	.8	1.5	1.3	1.7	1.3	2.0	1.4	.1	.1				133	134	51
90/ 79	1.2	1.2	1.7	.9	.4	.2	.5	.5	1.3	.3								72	72	53
78/ 77	1.3	2.4	1.9	2.1	.3	.4	1.3	.4	.3	.3	.4							103	104	73
72/ 75	.9	1.4	.5	.5	.5	.5	.3	.2	.3									47	47	23
74/ 71		.4	.5	.5		.3	.4	.5	.4									24	24	61
72/ 71			.1					.1										2	2	53
70/ 59			.4	.1														4	4	62
58/ 57																				54
56/ 55								.1										1	1	77
54/ 53																				57
52/ 51																				55
50/ 52																				23
53/ 57																			7	17
52/ 55																				2
54/ 53																			1	22
52/ 51																				17
50/ 49																				46
48/ 47																				24
46/ 45																				40
44/ 43																				10
42/ 41																				13
41/ 39																				1
38/ 37																				3
35/ 35																				1
34/ 33																				2
Element (X)	Σ x ²	Σ x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

PSYCHROMETRIC SUMMARY

75-84

YEARS

MONTH

21522

~~2427-1320~~
HOURS (L.S.T.)

[illegible]

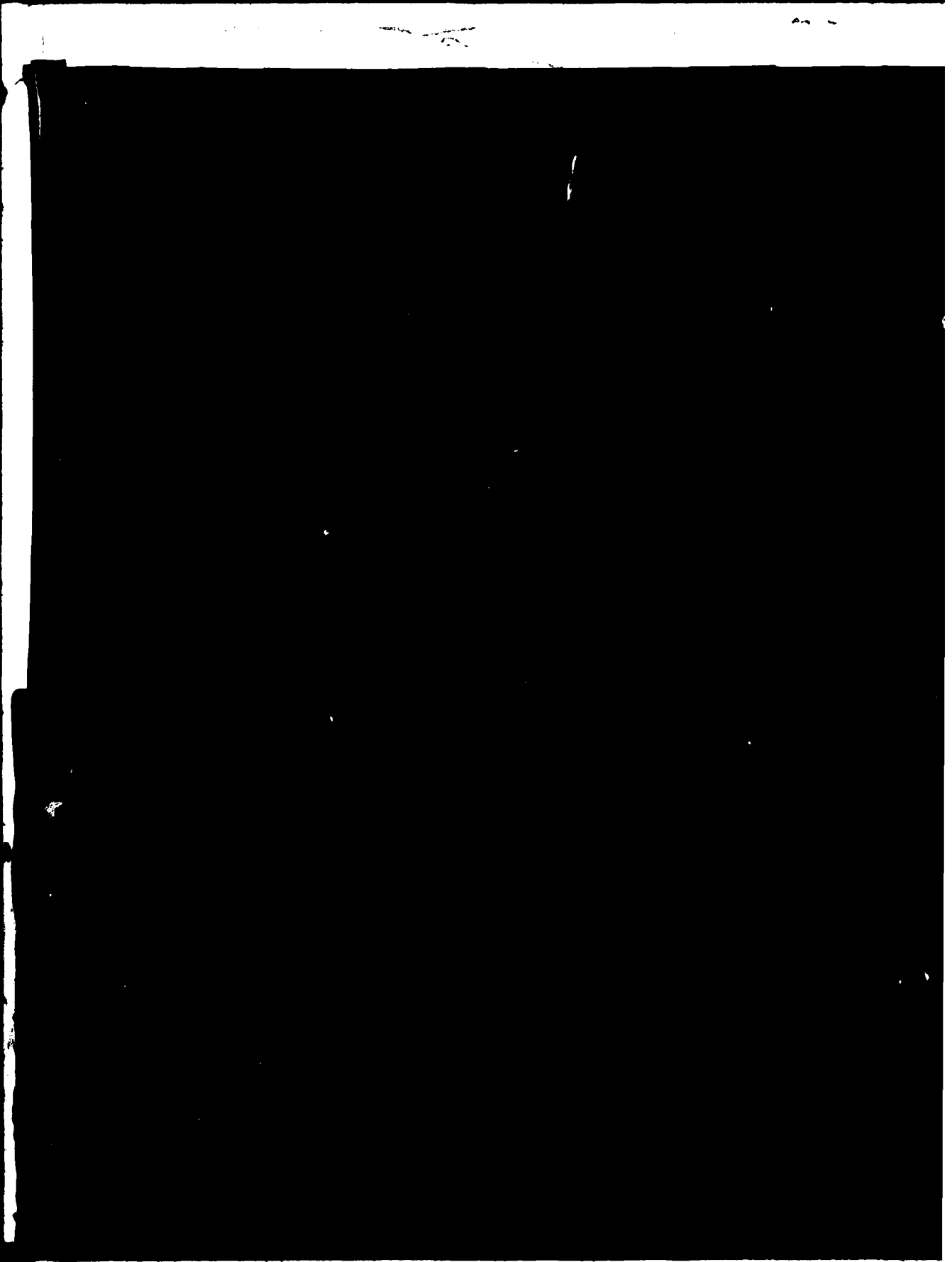
515

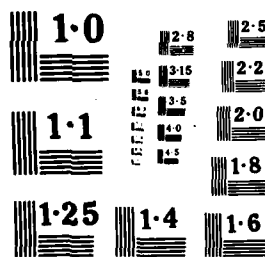
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UNCLASSIFIED

F/G 4/2

[illegible]





PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1 1977-11
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 P														
112/111																		.1	1	1														
113/109																		.1	1	1														
113/107																		.5	5	5														
115/105																		1.3	15	15														
114/103															.1		.4	2.3	23	23														
112/101											.1		.4	.1	.8	1.1	1.1	2.4	53	53														
111/ 99									.1	.2	1.1	1.1	1.2	2.5	3.4	4.2	4.2	149	151															
111/ 97							.2	.1	.7	.4	1.1	1.4	1.3	1.5	1.7	1.4	1.7	88	88															
115/ 95						.5	1.9	1.7	2.3	.8	1.9	2.3	1.5	1.1	2.1	1.1	.5	155	157															
114/ 93					.1	1.2	1.1	1.1	.3	2.2	.3	.3	1.5	1.3	.8	.2	.2	114	114															
112/ 91				.2	1.5	1.3	1.1	1.7	1.4	.3	.3	.5	.5	1.4	.5	.1		104	104															
111/ 89			.1	.2	1.5	1.2	.5	1.1	.4	.5	.7	.5	.5	.4	.2	.1		54	55															
111/ 87			.1	.2	1.1	.5	.3	.5	.2	.1	.5	.1	.1	.4	.2			42	42															
115/ 85			.1	.4	.5					.1	.1	.1	.1	.1				13	13	11														
114/ 83				.4			.1		.1	.1								5	5	55														
112/ 81		.4	.4						.1		.1							2	3	54														
111/ 79												.1								79														
115/ 77																				58														
115/ 75																				85														
114/ 73																				118														
112/ 71																				91														
110/ 69																				108														
111/ 67																				75														
115/ 65																				53														
114/ 63																				22														
112/ 61																				3														
111/ 59																				3														
111/ 57																																		
115/ 55																																		
114/ 53																																		
112/ 51																																		
111/ 49																																		
111/ 47																																		
115/ 45																																		
Element (X)	ΣX^2			ΣX			$\bar{X}$			σ_x			No. Obs.			Mean No. of Hours with Temperature																		
Rel. Hum.																≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total						
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 2 ~~2022-11~~
HOURS (L.S.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1 1277-1470
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMAR

75-94

YEARS

S E P
MONTH

PAGE 2 1237-142
FOIA(b)(7)(C)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

55
MONTHS

PAGE 1 1530-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
114/113																		.1	1	1												
112/111																		.5	4	4												
110/109																		.5	4	4												
108/107																		.3	7	7												
106/105																	.4	2.5	24	24												
104/103								.1					.1		.4	1.7	3.1	32	32													
102/101										.1		.5	.2	1.7	2.4	1.5	3.2	82	82													
100/99							.1	.4	1.7	.1	2.5	3.3	3.3	4.5	3.3	3.6	2.4	225	225													
98/97						.5	.4	1.5	1.9	2.7	1.7	2.5	2.7	1.3	1.4	.1	142	142														
96/95						.5	2.4	1.7	3.4	2.1	1.3	3.3	4.3	1.1	.7	.1	.2	154	154													
94/93					.2	1.1	1.4	1.3	.7	1.3	.3	.5	.4	.1				67	67													
92/91				.1	.8	1.3	.5	1.2	.9	1.4	.5	.1		.2	.1			54	54	2												
90/89					.1	.1	.4	.2	.4		.1							11	11													
88/87							.6		.1									5	5	1	1											
86/85							.1											1	1	14	14											
84/83																				47	47											
82/81																				63	27											
80/79																				95	32											
78/77																				109	45											
76/75																				95	27											
74/73																				154	52											
72/71																				113	81											
70/69																				99	59											
68/67																				35	40											
66/65																				7	51											
64/63																				2	72											
62/61																					57											
60/59																					51											
58/57																					41											
56/55																					33											
54/53																					32											
52/51																					26											
50/49																					31											
48/47																					29											
Element (X)	Σ X'		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total									
Dry Bulb																																
Wet Bulb																																
Dew Point																																

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A)
JUL 64

PSYCHROMETRIC SUMMARY

75-34

YEARS

SEP
MONTH

PAGE 2 ~~1522-1722~~
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	
45 / 45																						23
34 / 43																						11
32 / 41																						10
31 / 39																						2
30 / 35																						1
34 / 33																						2
32 / 31																						1
32 / 29																						1
31 / 27																						1
30 / 25																						1
29 / 23																						1
28 / 21																						1
27 / 19																						1
26 / 17																						1
25 / 15																						1
24 / 13																						1
23 / 11																						1
22 / 9																						1
21 / 7																						1
20 / 5																						1
19 / 3																						1
18 / 1																						1
17 / -1																						1
16 / -3																						1
15 / -5																						1
14 / -7																						1
13 / -9																						1
12 / -11																						1
11 / -13																						1
10 / -15																						1
9 / -17																						1
8 / -19																						1
7 / -21																						1
6 / -23																						1
5 / -25																						1
4 / -27																						1
3 / -29																						1
2 / -31																						1
1 / -33																						1
0 / -35																						1
31 / 27																						1
30 / 25																						1
29 / 23																						1
28 / 21																						1
27 / 19																						1
26 / 17																						1
25 / 15																						1
24 / 13																						1
23 / 11																						1
22 / 9																						1
21 / 7																						1
20 / 5																						1
19 / 3																				</		

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

PSYCHROMETRIC SUMMARY

114157	AL JIBAYL/DHAHRAH SAUDI ARABIA	75-34
STATION	STATION NAME	

YEARS

SEP
MONTH

PAGE 1 1230-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

55
MONTANA

2157 2 1800-2000
HOURS (L.S.T.)

[illegible]

PSYCHROMETRIC SUMMARY

124152	AL JUBAYL/DHAKRAN SAUDI ARABIA	75-84
STATION	STATION NAME	

YEARS

SEP
MONTH

PAGE 1 2177-23.0
HOURS 11 5 11

[illegible]

PSYCHROMETRIC SUMMARY

134150 AL JIRAFI/JOHARAH SAUDI ARABIA 75-34

YEARS

MAN

2459 1

ALL
HOURS (L.S.T.)

[illegible]

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	
1-4153	1. J334Y-124474A SAJJI 43431A	75-34

YEARS

352
MONTH

2455

HOURS ALL S. T.

[illegible]

GLOBAL CLIMATOLOGY BRANCH
AFATETAC
AIR WEATHER SERVICE/440

PSYCHROMETRIC SUMMARY

STATION 04157 A JIBAYL/DHARAV SAUDI ARABIA 75-84 YEARS MONTH 007

2000-0200
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
37				.1	.1				.3									4	4																	
35			.2		.3	.1	.3											7	7																	
33		.4	.9	2.0	.9		.3		.3		.1							17	17																	
31	.1	1.2	3.4	3.5	1.5	.5	.3	.7		.3								123	123																	
29	.3	2.0	3.1	1.2	.3	.5	.1	.3	.4	.4								64	64																	
27	.1	2.1	4.4	4.4	.7	1.2	.7	.3		.3								111	111																	
25	.4	1.7	2.0	3.3	.7	.5	.3	.3	.4									75	77																	
23	1.1	4.5	3.5	3.1	.1	.4	.2	.3	.1	.1								112	113																	
21	.3	1.3	2.7	1.5	.9	.5	.7											51	51																	
19	1.2	1.5	2.5	1.2	2.2	.7	.1	.1										21	21																	
17	.7	.3	2.1	.4	.3	.1	.1											11	11																	
15	.9	2.0	.7	.3	.5	.1			.1									25	25																	
13	.3	.7	.7	.1	1.3	.4		.1	.4									10	10																	
11		.1																1	1																	
9																		4	4																	
7																																				
5																																				
3																																				
1																																				
0																																				
Sum	5.713	5.23	5.21	1.12	1.1	5.2	4.3	2.7	2.0	1.1	.1							754																		
Mean																																				
Std. Dev.																																				
Max																																				
Min																																				
Range																																				
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	4747332		53534		77.815		452		754		0 F		32 F		67 F		73 F		80 F		93 F		Total													
Dry Bulb	4257277		53515		74.8		5.511		757						34.4		57.4		22.1																	
Wet Bulb	3723575		22541		59.1		5.152		757						55.7		31.5		1.0																	
Dew Point	3427952		57451		55.9		3.323		754						54.8		24.5		1.2																	

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

PSYCHROMETRIC SUMMAR

YEARS

42 MONTH

PAGE 1 0000-120
HOURS 1. 5. 1. 5

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po														
40/ 31						.1	.1		.1									3	3																
40/ 71					.1	.3												3	3																
70/ 77			.4	1.1	.5	.5	.1											23	23																
70/ 75			.1	2.2	1.2	.3												34	34																
70/ 70	.4	1.7	2.7	3.2	.1	.5	.4											70	70	8															
70/ 71	.1	1.2	2.3	.7	.5	.3	.3	.1										55	55	51															
70/ 59	.3	2.2	7.7	.3	.9	.7												95	95	72															
50/ 57	.5	1.2	5.5	1.3	2.3	.4		.1										102	102	72															
50/ 55	2.0	5.2	2.5	2.4	.9	.5	.1	.1										115	115	102	10														
50/ 53	1.2	4.1	3.2	4.2	2.2	.2	.2											122	122	85	14														
50/ 51	.5	2.0	1.3	1.3	.9		.1											55	55	75	5														
50/ 59	.3	1.1	1.2	1.4	1.2	.3	.4											51	51	73	5														
50/ 57	.4	.3	.5	1.5	.3		.3											23	23	51	5														
50/ 55	.1	.4	.5	.3	.4	.4												21	21	52	5														
50/ 53																		2	2	26	3														
50/ 51	.1	.1	.1															2	2	22	3														
50/ 49																				11	3														
40/ 47																				7	1														
40/ 45																				5	7														
40/ 43																																			
40/ 41																																			
40/ 39																																			
30/ 37																																			
30/ 35																																			
30/ 33																																			
30/ 31																																			
TOTAL	5.1	22.2	232.4	22.2	2.1	1.5	5.1	2.2	.4	.1								783	783		78														
																		783		783															

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	51419.13	51225	72.213	.111	783	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	35111.2	52227	55.7	5.224	734			44.7	15.3	.5		
Wet Bulb	32231.75	49232	52.5	5.222	783			25.7	.7			
Dew Point	23447.5	45322	52.3	7.557	783			14.5	.7			

CLIMATE LOG RANCH
 157.1A
 AIR WEATHER SERVICE

PSYCHROMETRIC SUMMARY

STATION NO. 157.1A STATION NAME CLIMATE LOG RANCH 75-34 YEARS MONTH

PAGE 1 HOURS 11.5.17

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
33/ 37																																				
32/ 35																																				
31/ 33																																				
30/ 31																																				
29/ 29																																				
28/ 27																																				
27/ 25																																				
TOTAL	1.2	3.0	12.2	21.1	2.9	9.1	9.3	7.8	6.3	5.4	5.1	4.5	4.5	2.7	2.4	2.2	1.3	2.0															5525	5525		

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

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	25753263	332332	59.723	2.211	5525	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	43211271	532543	51.5	3.724	5535			713.7	637.5	431.3	32.9	7
Wet Bulb	32415394	459254	72.2	5.959	5525			551.7	277.2	25.3		7
Dew Pt.	27332455	314727	53.512	1.332	5525		3.5	323.7	138.7	2.2		7

PSYCHROMETRIC SUMMA

75-34

YEARS

221
MONTH

2425

ALL
HOURS

[illegible]

PSYCHROMETRIC SUMMARY

75-34

YEARS

251
MONTH

PAGE 1 2100-23
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 P.														
35/ 35							.1											1	1																
32/ 31						.1												1	1																
30/ 30						.1				.1								2	2																
33/ 37					.7	.5	.1	.1	.2									15	15																
40/ 35			.7	.5	1.3	.5	.4	.1		.2	.1							32	32																
34/ 33		.9	2.3	3.3	2.2	1.7	.4	.1	.5	.4	.2	.1						97	97	1															
32/ 31		1.1	5.7	7.7	4.0	1.7	.5	.7	.5									139	139	19															
32/ 70		1.1	1.5	2.5	1.3	2.7	.4	.7	.4									54	55	53															
75/ 77		1.1	2.9	5.4	2.5	1.5	.7	.7	.5	.1								135	135	37															
75/ 75		.4	2.5	3.2	1.3	.7	.7	.2										74	74	123															
74/ 73		2.3	1.7	3.3	.7	.9	.6	.1										79	79	92															
72/ 71	.7	1.1	1.3	.5	.2	.1	.5											37	37	127															
70/ 59	.1	.5	1.5	.5	.1	.5		.2										30	30	97	1														
53/ 57	.1	.2	.4	.1	.5	.2		.1										14	14	94															
55/ 55	.5	.5	.2		.2	.5	.4	.1										20	20	52															
54/ 53		.1	.1				.2											4	4	36															
52/ 51																				17															
51/ 50																				11															
53/ 57																				5															
53/ 55																				5															
44/ 53																				1															
32/ 51																				2															
50/ 49																																			
43/ 37																																			
35/ 45																																			
34/ 43																																			
42/ 41																																			
42/ 32																																			
TOTAL	1.5	9.4	22.1	23.5	15.1	11.3	5.2	3.4	2.2	.7	.4	.1						315	315	815	8														

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\pm 0^\circ F$	$\pm 32^\circ F$	$\pm 67^\circ F$	$\pm 73^\circ F$	$\pm 80^\circ F$	$\pm 93^\circ F$	
Rel. Hum.	455332	52833	73.5	13.712	815							
Dry Bulb	3775529	53774	73.2	5.122	915			22.8	31.2	41.2		95.2
Wet Bulb	4235157	53533	71.9	5.552	915			78.1	42.9	5.2		126.2
Dew Point	3477241	55891	68.6	7.882	815			62.9	29.4	1.9		94.2

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

PSYCHROMETRIC SUMMA

STATION 134157 AL JIBAYL/DHAKRAH SAUDI ARABIA 75-34 YEARS 1377-2 MONTH

PAGE 1 1377-2 HOURS 11.5.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb Dew				
94/ 93										.2	.1	.1	.2					5	6					
92/ 91									.1	.1	.2	.4	.1	.1				2	3					
90/ 89						.1	.7	1.1	.1	.5	.5	.1		.1				23	23					
88/ 87				.4	2.2	2.2	3.2	1.2	1.5	.2	.5	.1	.1	.1				25	35					
86/ 85			.9	.7	1.9	4.1	1.3	.7	.5	.4	.1	.2						25	55					
84/ 83			1.5	3.3	5.4	2.5	2.5	1.7	.7	.5	.4							157	150					
82/ 81			3.3	3.3	4.2	4.3	4.2	1.4	.7	.5		.1						177	173	27				
80/ 79		.1	.2	1.2	2.5	3.1	.4	.2	.4	.2								37	87	53				
78/ 77		.1	1.5	3.7	2.5	2.5	.9	.1	.4									25	95	102				
76/ 75	.1	.2	.5	.5	.4	.5	.2	.1										23	23	125				
74/ 73		.5	.4	1.3	.4	.5	.5											25	25	113				
72/ 71		.1	.1	.1	.1	.1	.1		.1	.1								3	5	134				
70/ 69		.2	.1				.2	.1										5	5	115				
68/ 67			.1				.1		.1									3	3	52				
66/ 65																				33				
64/ 63																				17				
62/ 61																				9				
60/ 59																				4				
58/ 57																				1				
56/ 55																				2				
54/ 53																				2				
52/ 51																								
50/ 49																								
48/ 47																								
46/ 45																								
44/ 43																								
42/ 41																								
40/ 39																								
38/ 37																								
TOTAL	.1	1.4	3.5	15.7	23.7	23.5	14.1	7.4	4.7	3.3	2.3	1.1	.5	.2				813	811	813				
																					813		813	
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	3485817	51687	53.8	13.721	813	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total												
Dry Bulb	5499315	55533	82.2	4.571	911			93.2	91.1	57.2	.7													
Wet Bulb	3321424	59747	72.9	4.725	813			85.2	89.5	5.5														
Dew Point	3799363	55182	69.1	7.335	813			57.8	26.4	1.4														

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

PSYCHROMETRIC SUMMAI

YEARS

301
MONTH

PAGE 2 1571-17
HOURS 11.5.7

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PSYCHROMETRIC SUMMARY

75-34

YEARS

25
MONTA

PAGE 1 1500-
HOURS 11

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	D.B.	W.B.		
122/101																	.7	.2	4	4				
131/ 92												.1		.3	.1	.3	1.1	.2	29	29				
231/ 97											.4	.2	.5	.9	.8	.7	.4		33	33				
251/ 95								.1	.7	.7	.4	2.3	1.5	1.8	2.1	.6	.2	39	83					
241/ 93							.2	.5	.6	1.5	1.1	.9	1.4	.8	.5	.4		57	67					
221/ 91					.2	.3	.5	1.5	1.5	3.3	1.9	2.4	.2	1.3	.1			117	117					
201/ 89					.2	.3	.7	2.7	2.1	1.6	.9	1.3	.5	.6	.2	.1		101	101					
331/ 87			.1	.5	.4	1.4	3.2	2.1	2.9	1.5	2.5	1.1	.5	.1	.1			139	139					
351/ 85				.5	.9	1.1	1.5	1.5	.5	.7	.5	.1	.1					57	67					
341/ 83				.2	.7	.2	3.1	1.3	2.3	1.2	.2		.1					31	32		6			
321/ 81			.1		1.5	1.3	2.4	2.5	1.3	.7	.1	.1						91	91	21				
321/ 79		.1			.1	.7	.2	.4			.1							14	14	33				
741/ 77	.1	.1	.2		.2	.4	.1			.1		.1						12	12	73				
751/ 75						.1		.1		.1								3	3	83				
741/ 73			.1				.2			.1								4	4	159				
721/ 71																				135				
731/ 59																				154				
531/ 57																				175				
551/ 55																				63				
541/ 53																				14				
521/ 51																				3				
501/ 59																				4				
541/ 57																				1				
551/ 55																				2				
541/ 53																								
521/ 51																								
501/ 49																								
421/ 47																								
451/ 45																								
441/ 43																								
421/ 41																								
421/ 39																								
431/ 37																								
341/ 33																								
Element (X)	Σ x ²			Σ x			x̄			σ _x			No. Obs.			Mean No. of Hours with Temperature								
Rel. Hum.																≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total		
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMM

YEARS

PAGE 2

MON
1277
MORSE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

PSYCHROMETRIC SUMM.

STATION 474157 AL JUBAYL/DHAKRAH SAUDI ARABIA 75-84 YEARS 00 MONT

PAGE 1 1277-
HOURS T.C.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
105/105																	.3	3	3	
104/103																	.5	5	5	
102/101																.2	.2	2.2	23	23
100/99											.2	.3	.9	1.4	1.5	2.7	4.3	100	100	
98/97										.1	.5	.7	1.4	1.2	.5	2.0	1.2	56	56	
96/95									.9	1.4	1.3	4.4	3.7	.3	2.8	1.4	1.5	143	143	
94/93						.1	.2	.5	1.4	.9	2.4	1.2	2.4	.8	.8	.2	.3	99	99	
92/91						.5	.3	1.7	1.7	1.2	2.5	2.3	.2	1.4	.6	.5	.1	117	117	
90/89						.2		.3	2.0	.8	.8	1.2	1.0	.5		.3		53	54	
88/87					.3	.3	1.3	.3	2.1	1.4	2.4	.9	.8	.1	.1			42	42	
86/85							.6	1.9	.7	2.2	.8	.7	.2	.2				53	65	
84/83					.3	.2	.7	.7	.3	1.2	.5							46	46	1
82/81				.1	.5	.2	.5		.5	.2	.1	.1						21	21	7
80/79			.3						.2	.1								5	5	25
78/77					.1				.1		.2							4	4	56
76/75											.1							1	1	79
74/73																				135
72/71		.1																1	1	135
70/69																				133
68/67																				118
66/65																				97
64/63																				52
62/61																				14
60/59																				5
58/57																				1
56/55																				2
54/53																				
52/51																				
50/49																				
48/47																				
46/45																				
44/43																				
42/41																				
40/39																				
Element (X)	Σ x ²		Σ x		x̄		σ _x		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	T _c			
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

PSYCHROMETRIC SUMM

75-34

YEARS

22

PAGE 2 2033-
HOURS (L

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PSYCHROMETRIC SUMM

75-93

YEARS

PAGE 1 393
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb			
122/131																	.1	1	1				
122/ 99														.1	.1	.1	1.3	14	14				
93/ 97												.1	.1	.1	.7	1.1	.2	25	25				
95/ 95									.4	.1		1.1	.4	.7	1.5	1.1	.7	57	57				
94/ 93							.1	.5	.7	.2	1.4	.7	.9	.5	.5	.7	.2	58	58				
92/ 91						.1	.1	1.3	1.4	1.9	1.2	1.5	.2	1.4	.9	.1		37	37				
93/ 89				.5	.5	.9	.7	.9	.9	1.3	1.2	1.2	.9	.7	.4	.2		77	77				
93/ 87				.5	.7	3.3	1.3	2.7	.5	1.7	1.3	.7	1.2	.8	.1		122	122					
95/ 85			.2	.5	.4	1.5	1.2	1.3	1.1	1.9	.5	.5	.1	.5	.4			85	85				
94/ 93			.4	.3	.3	.3	1.5	1.2	1.3	1.1	1.3	1.2	.2	.4				93	93				
92/ 81		.4	.5	.5	1.1	1.2	2.5	1.4	1.7	.5	1.1	.3	.4	.2			125	125	14				
93/ 79			.2	.9	1.4	.1	.2	.5	.2	.1	.2	.1					31	31	31				
73/ 77		.5	.4	.4	.7	.9	.2	.4	.4	.5	.2	.2						42	42	57			
75/ 75		.2		.1	.5	.4	.5	.1	.1	.1	.5							25	25	63			
74/ 73	.2	.1	.2	.4		.4		.2	.2	.1								16	16	115			
72/ 71		.2	.1					.1	.2	.1								7	7	84			
73/ 59	.1			.1				.1		.1								4	4	125			
59/ 57									.1	.1								2	2	137			
55/ 55	.1																	1	1	78			
54/ 53																				75			
52/ 51																				31			
52/ 59																				28			
53/ 57																				17			
55/ 55																				11			
54/ 53																							
52/ 51																							
51/ 49																							
43/ 47																							
45/ 45																							
44/ 43																							
42/ 41																							
37/ 39																							
35/ 37																							
35/ 35																							
Element (X)	Σ x'		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMM

104152	AL JIBAYL/DHAHRAH SAJDI ARABIA	75-34
STATION	STATION NAME	

YEARS

2

PAGE 2 3633
HOURS (1

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

404150 AL JUBAYL/DHAKRAH SAUDI ARABIA 75-84 0
STATION STATION NAME YEARS MO

PAGE 1 3600
HOURS (1)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL			TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb					
92/ 91											.1								1	1					
92/ 87				.1		.5		.1		.1		.1		.1					2	2					
85/ 85			.1			.2		.2	.1	.1		.1	.4						11	11					
84/ 83		.1	1.1	.4	.7	.2	1.3	.4	.2	.4		.2	.2	.2					43	43					
82/ 81		.7	2.6	1.2	2.2	.5	1.3	1.5	.7	.5	.4	.5	.1						98	98					
81/ 79	.1	.7	.7	1.2	.2	1.4	.5	.5	.4	.2	.4	.4							55	55					
78/ 77	1.0	2.0	2.4	1.2	1.4	1.3	1.3	.5	.9	.6	.2	.5							110	110					
72/ 75	.7	2.2	.4	1.5	1.2	.7	1.3	.4	.5	.4	.1								74	74					
74/ 73	1.0	3.2	2.2	3.1	.1	1.5	.4	1.3	.5	.4	.2								111	111					
72/ 71	1.2	1.4	1.1	1.1	1.2	.5	.5	.2	.3	.2	.2								55	55					
70/ 69	1.0	.5	2.9	.7	1.3	.5	1.1	.5	.2	.5									74	75					
62/ 67	1.2	.5	1.5	.9	.5	.5	.1	.5	.2	.1									42	42					
55/ 55	.5	2.3	.9	.1	.4	.4	.5	.7		.1									45	45					
54/ 53	.5	1.9	.4	.2	.2	.7		.4	.2										35	35					
52/ 51	.2	.1			.4	.1	.1		.4										11	11					
50/ 50		.2			.1	.1													4	4					
50/ 50					.1														1	1					
52/ 53																				21					
54/ 53																				23					
52/ 51																				7					
50/ 49																				5					
43/ 47																				3					
45/ 45																				2					
44/ 43																									
42/ 41																									
42/ 39																									
41/ 37																									
32/ 32																									
34/ 33																									
22/ 31																									
20/ 29																									
23/ 27																									
25/ 25																									
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ						
Rel Hum																									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

429152 AL JUBAYL/JOHANN RAH SAUDI ARABIA 75-34

YEARS

PAGE 1 032 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	=31	D.B./W.B.	Dry Bulb	Wet Bulb		
33/ 37			.1																1	1		
33/ 35				.1			.3												3	3		
34/ 33		.3	.3	.3	.3	.3	.1	.1		.1									13	13		
32/ 31		1.3	2.9	1.2	1.5	.5	.3	.3	.3		.1	.1							55	55		
41/ 77	.3	1.5	1.3	.9	.1	.4	.4			.1		.1							41	41		
73/ 77	1.5	3.2	2.5	2.2	.9	1.5	.9	.4	.5		.1	.1							128	128		
75/ 75	.4	3.7	2.5	2.4	.5	.4	.4	.3	.3	.3									95	95		
74/ 73	1.1	5.3	3.2	3.2	.5	.9	1.1	.3	.5	.1	.1								136	136		
72/ 71	.4	2.7	2.4	2.7	.3	.5	.9	.3	.1	.3									39	39		
72/ 59	1.3	1.4	3.5	1.2	.5	.5		.3	.1	.3									74	74		
53/ 57	.9	.9	3.0	.3	.5	.3	.4		.1										59	59		
55/ 55	2.2	1.5	.3	.5	.5	.5	.4	.4											52	52		
54/ 53	.3	1.5	.1	.3	.3	.5				.4									37	37		
52/ 51	.3	.3	.3		.5														11	11		
52/ 59	.1					.1													2	2		
52/ 57	.3																		2	2		
50/ 55																						
54/ 53																						
52/ 51																						
52/ 49																						
45/ 47																						
45/ 45																						
44/ 43																						
42/ 41																						
42/ 39																						
33/ 37																						
30/ 35																						
32/ 31																						
23/ 27																						
25/ 25																						
TOTAL	9.724	122.3	13.3	3.3	7.5	5.1	3.7	1.9	1.9	.4	.4								792	792		

Element (X)	Σx^2	Σx	$\bar{x}$	σ^2	No. Obs.	Mean No. of Hours with Temperature				
Rel. Hum.	4251357	57335	77.1	18.464	792	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F
Dry Bulb	4253782	57929	73.1	5.241	792			37.3	54.5	11.4
Wet Bulb	3593443	53765	68.1	5.522	792			55.4	25.8	1.3
Dew Point	3331733	51115	64.7	9.715	792			45.7	17.9	.7

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

PSYCHROMETRIC SUI

YEARS

PAGE 1 - 2

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PSYCHROMETRIC SUM

75-34

YEARS

225-1 25

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FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

124132 AL JIBAYL/244424V SAUDI ARABIA

75-24

YEARS

PAGE 1 390
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb		
55/ 37								.1			.1								2	2		
35/ 35								.4	.2		.2								2	2		
34/ 33				.1	.4	.2	1.5	1.2	.5	.4	.1	.1	.3						45	45		
32/ 31				1.2	1.1	3.7	4.9	2.4	2.1	1.4	.7	.4	.2						144	144		
30/ 29				1.5	1.1	2.7	1.3	1.3	1.3	.5	.4	.1							31	31		
28/ 27			.5	1.2	2.4	3.7	2.1	2.4	2.1	.3	.2								124	124		
25/ 25		.2	.5	1.3	1.5	2.5	1.2	1.3	.5	.4		.1							32	32		
24/ 23		.4	.3	2.4	.3	1.2	2.4	1.4	1.5	.1	.1								28	28		
22/ 21			.5	1.5	.7	1.2	2.4	.3	.5	.1									51	51		
20/ 19	.2	.1	1.1	1.1	.7	2.1	1.7	1.2	.5	.2									75	75		
53/ 57		.1	.5	.4	1.3	.3	.3	.2	.1										35	35		
50/ 55	.4	.4		.5	.7	1.1	1.4	.5											42	42		
54/ 53				.7	.2	1.4	.7	.5											31	31		
52/ 51		.1		.1	.4	.2	.5												11	11		
50/ 50				.1		.1	.2												4	4		
53/ 57						.1													1	1		
55/ 55						.1	.1												2	2		
54/ 53																						
52/ 51																						
50/ 49																						
43/ 47																						
45/ 45																						
44/ 43																						
42/ 41																						
40/ 39																						
38/ 37																						
35/ 35																						
34/ 33																						
32/ 31																						
25/ 25																						
TOTAL	.5	1.3	4.3	11.3	11.3	19.3	23.9	13.9	9.1	4.7	1.9	.7	1.1						242	242		
Element (X)	Σ x'	Σ x	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	2754195	34553	55.3	15.722	342	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F											
Dry Bulb	4771301	53225	75.7	5.912	343			30.3	51.9	23.7												
Wet Bulb	3513545	59157	54.3	6.722	342			35.9	5.1													
Dew Point	2333365	47233	57.7	9.755	342		.2	12.8	1.2													

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

PSYCHROMETRIC SUM

YEARS

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/4AC

PSYCHROMETRIC SUMM

STATION 434152 AL JIBAYL/244424V 58JDI ARABIA 75-84 YEARS MO

PAGE 1 157
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb														
73/ 97																.1													1	1				
72/ 91																.1													1	3				
73/ 89																																		
73/ 87																																		
75/ 85																																		
74/ 83																																		
72/ 81																																		
72/ 79																																		
73/ 77																																		
75/ 75																																		
74/ 73																																		
72/ 71																																		
73/ 69																																		
72/ 67																																		
73/ 65																																		
74/ 63																																		
72/ 61																																		
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73/ 47																																		
75/ 45																																		
74/ 43																																		
72/ 41																																		
72/ 39																																		
73/ 37																																		
75/ 35																																		
74/ 33																																		
72/ 31																																		
TOTAL	.1	1.0	5.3	11.0	13.7	23.5	15.2	9.6	5.5	4.0	2.2	1.7	.5	.2	.1																			
Element (X)	Σ x'		Σ x		Σ		%		No. Obs.		Mean No. of Hours with Temperature																							
Rel. Hum.	2473317		43397		52.1		13.7		933		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F													
Dry Bulb	5295219		55283		79.2		5.119		933						97.5		77.5		52.5															
Wet Bulb	3433743		54217		65.3		4.683		933						43.3		5.3																	
Dew Point	2364343		48845		58.2		7.539		933						9.8																			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUM

474153 AC JJ3AY/2244444V 54JDI 32431A 75-84

STATION

STATION NAME

YEARS

PAGE 1 18 HOU

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOT	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet B				
42/ 31				.5	.4	.5	.5	.5	.8	.1									28	28				
42/ 72			.3	1.5	1.1	2.4		.3	.1										45	49				
73/ 77		.1	1.9	5.7	4.5	3.1	.5	.3	.3	.1	.1								131	131				
75/ 75		.4	1.5	3.3	2.3	1.2	1.5	.3											124	125				
74/ 73	.3	.4	1.5	2.7	1.5	2.4	2.2	.5	.1										147	147				
72/ 71	.1	.5	1.9	2.3	3.3	2.4	.5												93	93				
73/ 59		.3	2.9	1.4	2.7	2.2	.5												73	79				
53/ 57		.1	.3	.3	2.5	.2	.1												35	35				
55/ 55	.1	.5	.9	3.1	2.3	.5	.9	.1											56	55				
54/ 53			1.2	1.7	1.2	1.4													41	41				
52/ 51			.2	.3	.1	.1													5	5				
52/ 52				.3	.1	.3													5	5				
53/ 57						.1													1	1				
55/ 55					.1	.1													2	2				
54/ 53																								
52/ 51																								
53/ 49																								
43/ 47																								
42/ 45																								
42/ 45																								
34/ 43																								
42/ 41																								
42/ 32																								
53/ 37																								
72/ 33																								
TOTAL	.5	2.5	12.8	32.4	22.6	13.1	7.1	2.2	1.3	.3	.1								785	785				

Element (X)	Σx'	Σx	X	n	No. Obs.	Mean No. of Hours with Temperature					
Ref. Num.	3751735	53537	68.2	11.746	785	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	4175579	57277	72.5	4.739	789			76.2	52.5	3.5	
Wet Bulb	3873722	51555	65.5	5.136	785			48.7	5.2		
Dew Point	2232234	48118	61.2	5.230	785			19.5	1.8		

USAFETAC FORM 0-26-5 (OLA) JUL 64

PSYCHROMETRIC SUMM

YEARS

PAGE 1 212
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb		
44/ 33									.1									1	1			
52/ 31				.1	.1			.1	.1									5	5			
60/ 29				.2	.1	.1	.1											5	5			
70/ 27			1.7	3.3	1.7	.2	.2	.4										57	57			
75/ 25		.9	1.7	2.3	.7	.4	.1											54	54	1		
74/ 23	.1	2.3	3.8	5.1	.5	.5	.5	.1	.1									117	117	27		
72/ 21	.5	1.9	3.3	2.5	1.2	.5	1.2											94	94	43		
72/ 59	.2	1.7	7.7	1.2	2.5	1.5	.2		.1									125	125	79		
54/ 57	.1	.7	5.2	1.3	1.5	.9	.1											55	55	131		
55/ 55	.2	2.5	2.2	3.5	2.1	.4	.5											24	25	127		
54/ 53	.1	1.5	2.5	3.3	2.7	1.3		.1										99	89	99		
52/ 51	.2	.9	1.3	1.5	.9		.1											41	41	64		
52/ 59	.2	.4	1.7	.5	.5	.7	.2											27	27	64		
50/ 57		.1	.9	.2	.4		.1											15	15	58		
50/ 55	.1			.1														2	2	34		
54/ 53					.1													1	1	32		
52/ 51				.2														2	2	11		
50/ 49			.1															1	1	5		
48/ 47																				2		
45/ 45																				5		
44/ 43																						
42/ 41																						
43/ 39																						
38/ 37																						
34/ 33																						
TOTAL	2.1	2.1	2.1	3.2	2.9	1.1	3.3	5.5	3.3	.7	.5							320	320	820		

Element (X)	Z _X ¹	Z _X	Z	° _A	No. Obs.	Mean No. of Hours with Temperature					
Rel. Hum.	8727750	61224	75.5	12.175	323	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	3242771	56759	69.2	5.279	322			62.7	26.6	.5	
Wet Bulb	3391115	52521	54.1	5.757	323			34.9	3.1		
Dew Point	3171123	42817	62.7	7.325	323			18.8	1.1		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMM

STATION 174150 AL JUBAYL/244434V SAJDI ARABIA 75-84 YEARS MO HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb															
95/ 97																																1	1		
92/ 91																																7	7		
90/ 89																																15	15		
88/ 87																																35	35		
85/ 85																																101	101		
84/ 83																																251	251		
82/ 81																																550	550		
82/ 79																																355	355		
79/ 77																																570	570	3	
75/ 75																																422	423	64	
74/ 73																																550	552	214	
72/ 71																																552	552	515	
70/ 69																																553	555	705	
69/ 67																																438	439	935	
66/ 65																																559	570	838	
64/ 63																																585	585	372	
62/ 61																																259	259	695	
60/ 60																																245	247	517	
55/ 57																																102	105	414	
52/ 55																																107	107	264	
54/ 53																																34	35	243	
52/ 51																																15	15	133	
50/ 49																																3	4	100	
42/ 47																																		52	
45/ 45																																		22	
44/ 43																																		7	
42/ 41																																		1	
41/ 32																																			
33/ 37																																			
32/ 35																																			
34/ 33																																			
42/ 31																																			
30/ 29																																			
25/ 23																																			
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ^2		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 44 0-26-5 (OL A) RE-USED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb														
74 / 23	3.2	1.2	3.15	2.17	2.12	7.11	5.12	5.5	5.2	4.3	2.7	1.7	.2	.9	.4	.1	.1			5445														
111.1																		6435		643														

PSYCHROMETRIC SUMMA

75-34

YEARS

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MONTH

24, 26 ! 3333-3

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

Element (X)	ΣX^1	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0^\circ F$	$\leq 32^\circ F$	$\leq 67^\circ F$	$\leq 73^\circ F$	$\leq 80^\circ F$	$\leq 93^\circ F$	Total
Rel. Hum.	5462294	56574	79.913	36.7	833							
Dry Bulb	2375835	43673	59.4	5.123	333			2.3	2			
Wet Bulb	2557335	45317	55.2	5.522	833			3.5				
Dew Point	2311165	43315	52.2	4.329	833		2	4				

PSYCHROMETRIC SUMMA

474150 AL JIBAYL/24A-HAN SAJDI ARABIA
STATION STATION NAME

75-34

YEARS

250

PAGE 1 7371-7
HOURS (L. S.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew			
73/ 77						.1												1	1					
72/ 71	.1		.5	.1	.1													7	7	1				
71/ 69		.5	1.5		.4	.1												21	21	2				
69/ 67	.2	1.1	2.6			.1												33	33	14				
66/ 66	.2	2.4	1.3	.1	.2		.2	.1										39	40	35				
64/ 63	1.5	5.5	2.2	1.7	.5	.2												101	101	53				
62/ 61	.5	1.8	1.5	1.5	.2													48	48	52				
62/ 59	1.5	5.4	2.1	2.3	1.1		.4											104	104	43				
63/ 57	.4	2.5	1.2	.9	1.3	1.3	.4											50	50	73				
66/ 65	.9	4.7	1.5	1.5	1.2	1.2												58	58	70				
64/ 63	1.3	3.1	2.3	1.5	.7	.4												75	75	73				
62/ 61	1.5	3.3	4.2	2.2	.5	.1												79	79	71				
60/ 49	.9	3.1	2.5	1.5	.5													70	70	94				
46/ 47	.4	2.1	1.5	1.2	.1													45	45	104				
45/ 45	.4		1.3	.4														41	23	64				
44/ 43			.2															2	2	29				
42/ 41			.1															1	1	22				
42/ 39																				5				
33/ 37		.1																1	1	1				
35/ 35																				1				
34/ 33																								
32/ 31																								
TOTAL	9.5355	325.9	15.3	7.3	3.3	1.3	.1											517	520	317				

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5435465	55582	87.4	14.741	317	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2597424	45743	57.2	5.325	327			7.2	.1			
Wet Bulb	2399372	43913	53.9	5.373	317			2.4				
Dew Point	2152861	41431	52.7	4.735	317			1.8				

PSYCHROMETRIC SUMMARY

75-94

YEARS

2:
MONTH

2637 1 2637-
HOURS 11

[illegible]

ALTSCHUL AND WONG FIND NO EVIDENCE FOR A DISCRETE

0-26-5 (OL A)

JSAFETAC FORM 100-100

PSYCHROMETRIC SUMMARY

75-34

YEARS

234
MONTH

PAGE 1 2907-11
HOURS 11.5.1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew														
44/ 33										.1								1	1																
44/ 31									.1									1	1																
40/ 77								.1	.2									5	5																
73/ 77			.1	.1	.5	.5	.4	.7	.1		.1							22	22																
75/ 75			.1	.2	.4	.5	.5	.1	.1									25	25																
74/ 73			.4	2.7	.1	1.3	1.1	.4	.1	.1								53	53																
77/ 71		.2	.2	1.3	.3	1.1	1.0	.2	.1									51	51	3															
72/ 59		.5	1.5	1.5	1.9	4.3	.7	1.1	.2	.1								102	102	12															
55/ 57	.1	.4	1.5	1.4	2.1	1.5	.5	.7	.1	.1								74	74	47															
55/ 55		.3	1.3	2.5	2.5	1.3	2.3	.5	.2									100	100	57															
54/ 53	.1	1.1	.3	2.3	2.7	4.5	1.3	1.1	.1									101	101	79															
52/ 51	.4	1.2	1.2	1.9	2.7	.3	.2	.2	.1									72	72	55															
50/ 59	.1	.2	.2	1.5	2.5	1.3	2.5											50	50	97															
47/ 57		.7	.3	1.1	1.5	1.1	.2	.1										42	47	74															
53/ 55		.4	.2	1.3	1.5	.4												41	41	91															
47/ 53		.1	.2	1.1	.5	.1	.4											23	23	23															
51/ 51		.2	.5	.2	.5	.2												51	51	52															
47/ 49			.1	.5	.2													7	7	52															
44/ 47				.1														1	1	57															
45/ 45			.1															1	1	71															
44/ 43																				12															
43/ 41																																			
43/ 39																																			
42/ 37																																			
40/ 35																																			
34/ 33																																			
40/ 31																																			
30/ 29																																			
25/ 27																																			
25/ 25																																			
TOTAL	.7	5.5	10.7	21.3	27.5	19.6	12.7	5.3	1.5	.5	.1							353	353	353															

Element (X)	Z _y	Z _x	X	x _n	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel Hum	3502513	53141	52.315.111		353	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	
Dry Bulb	3217149	55272	54.315.371		353			15.5	11.3	.2		
Wet Bulb	2429172	44322	57.25.413		353			7.5	.1			
Dew Point	2273723	43875	57.89.332		353		1.7	1.3				

PSYCHROMETRIC SUMMA

558

1233-1
HOURS

[illegible]

RELATIVE HUMIDITY

MON

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	T N
		10%	20%	30%	40%	50%	60%	70%	80%		
JUN	22-32	100.0	75.7	75.9	57.5	34.3	24.1	13.5	4.4	1.3	45.0
	03-23	99.9	94.1	72.9	43.1	23.3	15.4	9.3	4.2	1.5	43.4
	06-23	99.4	79.5	51.4	22.5	14.4	5.2	3.1	1.2	.3	34.2
	09-11	91.5	45.3	14.7	4.1	1.3	1.2	.2			21.4
	12-14	63.2	34.4	12.2	3.7	1.5	.9	.2			19.4
	15-17	94.2	45.5	17.5	3.2	2.4	.5	.1			22.4
	18-21	99.9	32.4	49.4	23.7	15.5	5.2	.5	.1		34.1
	21-23	100.0	93.9	59.7	45.7	32.3	19.4	9.5	2.3	.5	43.0
TOTALS		95.5	71.5	45.4	27.6	15.4	9.3	4.5	1.2	.3	33.0

0-87-5 (OL A)

RELATIVE HUMIDITY

4241.22
STATION

4 - 11341-12424244 21101-124312

75-34

PERIOD

224
MON

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TO N
		10%	20%	30%	40%	50%	60%	70%	80%		
11-12	100.0	22.3	22.3	31.4	50.3	42.7	23.2	2.2	1.7	55.5	
12-13	100.0	23.5	24.4	35.4	59.3	41.7	25.2	12.0	5.4	57.5	
13-23	100.0	27.0	33.1	53.5	39.9	24.5	11.3	5.0	1.3	43.4	
19-11	99.1	72.9	47.9	21.3	9.5	2.5	1.1	.2		30.5	
12-14	95.5	55.4	28.7	13.5	4.3	.3	.1			25.1	
15-17	99.2	52.5	32.7	12.4	3.7	2.0	.5			22.5	
18-21	100.0	25.0	74.5	43.3	29.1	11.8	3.3	.5	.1	42.1	
21-23	100.0	27.2	33.7	71.5	51.1	32.5	13.5	3.4	.5	51.2	
TOTALS		39.3	35.2	57.9	42.9	32.3	12.3	15.7	3.7	42.7	

USAFETAC

FORM
JUL 64

0-87.5 (OL A)

RELATIVE HUMIDIT

22
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOT- NO. OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
1-22	22-22	100.0	100.0	98.4	92.3	85.1	51.1	33.5	21.5	5.3	55.7	
	23-23	100.0	100.0	99.1	93.3	82.3	53.9	45.5	29.5	8.1	57.7	
	24-24	100.0	100.0	95.3	85.2	54.3	43.5	32.7	17.5	5.2	52.5	
	25-11	99.5	90.9	55.9	37.7	18.7	10.5	7.9	1.2		39.5	
	12-14	99.2	30.7	47.2	22.4	12.3	4.5	1.1	.5	.1	32.2	
	15-17	99.5	35.3	59.1	34.5	18.3	8.7	2.5	.5		35.7	
	18-21	100.0	93.5	91.3	72.1	45.2	25.5	13.5	3.5	.4	52.9	
	21-23	100.0	100.0	93.5	39.3	53.7	43.2	25.3	13.2	2.1	52.2	
TOTALS		99.3	94.5	82.2	55.2	49.2	34.2	22.4	12.9	2.7	51.5	

0-87-5 (OL A)

RELATIVE HUMIDITY

PERIOD

MA 2
MONI

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TO NO. C.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
4-12	03-32	100.0	100.0	100.0	93.5	94.2	85.3	71.2	44.5	17.3	75.7	
	03-35	100.0	100.0	100.0	93.2	95.3	97.9	75.9	51.9	24.7	79.3	
	05-33	100.0	100.0	99.8	97.7	90.5	77.5	63.5	41.3	15.8	74.4	
	09-11	100.0	99.1	99.5	73.7	51.5	32.5	17.5	3.7	3.2	52.9	
	12-14	100.0	93.5	73.9	48.3	25.7	13.1	7.9	3.5	1.7	42.7	
	15-17	100.0	95.3	92.3	59.3	33.1	13.3	10.1	4.1	1.0	45.1	
	18-21	100.0	100.0	98.3	91.7	75.3	52.3	31.0	15.1	3.5	52.2	
	21-23	100.0	100.0	99.9	98.4	92.2	77.2	53.7	25.5	3.3	71.1	
TOTALS		100.0	93.7	91.0	83.4	69.9	55.5	41.4	24.4	3.9	63.2	

0-87-5 . OL A,

RELATIVE HUMIDITY

553
MONT

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%		
FEB	01-02	100.0	100.0	100.0	99.2	97.3	71.7	37.2	57.4	25.5	21.5	
	03-05	100.0	100.0	99.9	93.7	95.4	73.3	94.1	65.4	36.2	83.3	
	06-08	100.0	100.0	100.0	98.9	95.7	89.8	80.1	58.4	30.5	81.3	
	09-11	100.0	100.0	98.0	89.1	73.3	53.1	35.7	15.2	5.2	62.5	
	12-14	100.0	99.2	87.4	55.0	41.3	24.3	11.1	5.1	2.3	42.1	
	15-17	100.0	99.7	93.3	73.1	49.5	29.5	15.2	7.2	3.4	52.4	
	18-20	100.0	100.0	99.9	98.5	87.9	59.2	47.4	19.9	4.7	58.2	
	21-23	100.0	100.0	100.0	99.9	95.7	83.3	73.9	39.8	13.2	72.8	
TOTALS		100.0	99.9	97.3	90.3	79.9	57.4	53.2	33.2	15.1	52.4	

0-87-5 (OL A)

RELATIVE HUMIDITY

43453
STATION

AL 113AY 104A 4294 SA 131 420311
STATION NAME

75-34

PERIOD

3 MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	01-32	100.0	100.0	100.0	99.2	97.5	93.4	82.7	58.4	22.5	31.0	
	13-33	100.0	100.0	100.0	99.1	93.5	73.1	53.1	32.1	32.3	32.3	
	25-33	100.0	100.0	100.0	99.5	97.1	90.9	80.5	55.5	28.2	30.9	
	09-11	100.0	100.0	99.8	95.4	85.2	61.7	40.2	19.7	4.5	65.1	
	12-14	100.0	99.9	97.3	85.5	57.7	27.1	14.0	5.1	1.5	54.0	
	15-17	100.0	99.5	97.0	87.3	65.1	31.9	15.1	5.3	1.5	55.7	
	18-21	100.0	100.0	100.0	99.1	95.2	79.3	52.3	22.3	5.1	70.7	
	21-23	100.0	100.0	100.0	99.1	95.5	90.9	75.3	40.2	12.5	77.1	
TOTALS		100.0	99.9	99.3	95.7	85.5	71.0	55.5	33.4	13.5	71.1	

USAFETACFORM
JUL 64

0-87-5 (OL A)

2

GENERAL CLIMATOLOGY BRANCH
DAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATION

NET-BULB TEMPERATURES DERIVED FROM HOURLY OBSERVATION

STATION		STATION NAME												YEARS	
HWS 151		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	A	
0-10	MEAN	51.1	53.3	55.1	63.5	55.2	69.8	72.9	73.1	74.2	69.5	62.5	55.1		
	S.D.	5.951	5.945	5.851	5.125	4.973	5.133	6.219	6.235	5.743	5.153	5.911	6.549		
	TOTAL OBS	724	737	844	810	675	775	519	799	785	54	753	833		
10-15	MEAN	53.7	52.3	57.5	62.5	57.2	68.3	71.3	71.3	72.3	59.1	50.3	53.9		
	S.D.	5.215	5.185	5.242	5.315	5.385	5.351	5.745	5.795	5.502	5.599	5.257	6.873		
	TOTAL OBS	782	748	849	759	813	798	821	815	795	790	772	817		
15-20	MEAN	49.7	52.4	57.5	53.1	58.2	67.8	70.5	59.3	71.5	57.3	50.0	52.2		
	S.D.	5.312	5.507	5.395	5.379	4.959	5.587	6.922	7.098	7.007	7.082	5.553	7.155		
	TOTAL OBS	720	722	509	784	832	780	509	821	777	572	784	795		
20-25	MEAN	54.1	56.3	50.4	55.1	70.3	73.3	73.1	73.1	73.9	59.5	54.3	57.2		
	S.D.	5.913	5.528	5.215	4.518	4.345	4.525	4.953	5.597	7.744	5.852	5.002	6.414		
	TOTAL OBS	359	791	373	327	373	825	352	353	829	345	342	350		
25-30	MEAN	55.7	57.7	51.3	65.3	70.5	72.2	74.5	74.1	74.5	70.5	56.0	59.9		
	S.D.	4.772	4.533	4.333	4.455	4.571	4.429	4.533	4.524	4.951	4.536	4.549	5.140		
	TOTAL OBS	353	791	850	344	575	818	831	851	835	858	815	858		
30-35	MEAN	55.3	57.5	51.0	65.8	70.4	72.1	75.1	74.5	75.2	71.3	55.9	59.6		
	S.D.	4.534	4.633	5.133	4.764	4.955	4.556	4.737	4.893	4.621	4.936	4.583	5.364		
	TOTAL OBS	356	773	373	353	859	831	858	875	841	351	833	861		
35-40	MEAN	55.3	56.8	50.7	65.5	70.4	72.2	75.5	75.3	77.1	72.9	55.5	59.2		
	S.D.	4.343	4.675	5.187	4.753	4.535	4.547	4.931	5.279	4.395	4.725	5.135	5.605		
	TOTAL OBS	798	730	819	300	839	836	849	833	812	811	785	823		
40-45	MEAN	53.7	55.7	59.7	54.9	59.5	71.5	75.1	75.5	76.4	71.9	54.1	55.4		
	S.D.	5.502	4.896	5.355	4.397	4.737	4.854	5.732	5.328	4.967	5.563	5.757	5.001		
	TOTAL OBS	311	759	839	795	817	783	333	934	792	815	821	834		
ALL HOURS	MEAN	53.5	55.4	59.5	54.5	59.4	70.5	73.5	73.4	74.4	70.2	53.7	55.7		
	S.D.	5.015	5.742	5.739	5.045	4.935	5.166	5.925	5.181	5.844	5.969	5.075	6.511		
	TOTAL OBS	5523	5051	5755	6492	6725	5416	5671	5535	5470	5225	6435	6580		

USAF ETAC FORM 0-89.5 (OL A)
OCT 75

2

JOINT CLIMATOLOGY BRANCH
AFETAC
U.S. WEATHER SERVICE/MA

MEANS AND STANDARD DEVIATION

DAILY MEAN TEMPERATURES DEGREES F FROM HOURLY OBSERVATIONS

4152 AL JUBAYL/DHAKRA, SAUDI ARABIA 75-84
STATION STATION NAME YEARS

HRS. 1ST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
-02	MEAN	54.8	55.9	52.6	71.2	79.3	85.7	87.1	85.6	81.3	74.8	66.7	58.4
	S.D.	5.755	5.795	5.723	5.35	5.438	5.587	4.552	4.499	3.911	5.511	5.494	6.126
	TOTAL OBS	789	74	845	84	511	777	812	822	781	757	784	833
-05	MEAN	53.4	55.5	61.3	69.6	78.1	84.3	86.1	84.9	79.7	73.1	64.6	57.1
	S.D.	5.374	5.982	6.577	5.722	5.394	5.242	4.505	4.478	3.976	5.241	5.456	6.321
	TOTAL OBS	783	755	851	789	819	799	820	818	799	792	773	820
-08	MEAN	52.6	55.4	62.5	72.3	82.5	88.2	89.7	87.7	82.2	74.4	64.8	56.1
	S.D.	5.110	6.054	6.771	6.142	5.033	5.109	4.951	4.721	4.891	5.49	5.671	6.518
	TOTAL OBS	781	724	811	785	834	783	812	821	775	803	786	797
-11	MEAN	50.4	53.7	71.4	82.6	93.3	100.2	102.0	99.7	95.2	86.4	77.3	64.8
	S.D.	5.557	5.652	5.599	5.194	5.755	4.491	4.333	4.291	4.912	5.153	5.712	6.471
	TOTAL OBS	852	793	874	827	878	825	852	862	832	845	843	853
1-14	MEAN	56.3	59.2	75.1	85.7	97.1	104.2	106.2	104.2	100.1	92.2	80.5	70.8
	S.D.	4.898	5.113	6.077	6.516	5.930	4.544	4.48	3.513	4.22	5.345	5.89	6.546
	TOTAL OBS	854	793	851	845	75	821	832	852	837	859	817	80
1-17	MEAN	55.4	58.1	74.4	84.4	94.5	101.4	103.1	101.2	97.6	89.9	79.3	69.2
	S.D.	4.573	5.294	6.893	6.635	5.83	4.177	4.34	3.541	4.132	5.245	5.114	5.335
	TOTAL OBS	857	775	878	853	859	834	859	876	841	852	834	866
-20	MEAN	50.5	52.9	68.9	75.1	87.7	94.3	95.9	94.1	90.1	82.2	72.6	64.0
	S.D.	4.497	4.455	5.028	5.515	5.19	4.235	4.26	3.517	3.445	4.571	4.733	5.32
	TOTAL OBS	789	782	820	803	839	812	851	837	812	811	789	824
1-23	MEAN	57.6	59.8	65.5	74.2	83.1	89.1	90.5	86.9	80.9	75.2	69.3	60.9
	S.D.	5.146	4.757	6.092	5.455	4.998	4.739	4.123	3.378	3.792	5.122	5.278	5.50
	TOTAL OBS	814	782	840	787	818	787	834	835	795	816	822	837
ALL HOURS	MEAN	59.1	61.5	67.9	77.5	87.1	93.8	95.2	93.5	89.2	81.5	71.5	62.5
	S.D.	7.251	7.423	8.473	8.52	8.354	8.669	8.497	8.211	8.697	9.726	7.791	7.704
	TOTAL OBS	833	802	877	804	873	843	868	871	848	853	848	869

PSYCHROMETRIC SUN

YEARS

3457 -

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL			TOT
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet B.				
50 F 49	.1	.3	.3	.2	.1	.0	.0											735	711	20				
48 F 47	.1	.3	.2	.1	.0	.0												559	571	15				
46 F 45	.0	.2	.2	.1	.0	.0												409	418	9				
44 F 43	.0	.2	.2	.2	.0	.0												31	31	4				
42 F 41	.0	.0	.0	.0	.0													54	54	2				
40 F 39	.0	.0	.0	.0														7	7	1				
38 F 37		.0	.0	.0														5	5					
36 F 35			.0															1	1					
34 F 33																								
32 F 31																								
30 F 29																								
28 F 27																								
26 F 25																								
24 F 23																								
22 F 21																								
20 F 19																								
18 F 17																								
16 F 15																								
TOTAL	2.2	9.2	17.5	10.3	8.7	3.4	7.7	5.0	5.3	4.4	4.1	4.3	3.5	3.1	3.0	2.9	6.5	73504	724					

GLOBAL CLIMATE DATA BRANCH
JSAFETAC
AIR WEATHER SERVICE/440

PSYCHROMETRIC SUM

124150 AL JUBAYL/DHAKRAH SAUDI ARABIA

75-84

YEARS

PAGE 1

NC

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	Dry Bulb Wet
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																
113/117																			.3	12	12												
115/115																			.1	12	12												
114/113																			.1	101	101												
112/111																			.2	103	103												
113/109														.3	.3	.3	.3	.7	.5	499	499												
105/107													.3	.3	.3	.3	.3	.7	.7	554	554												
105/105							.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.1	.2	1.4	1408	1408												
104/103							.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.1	.3	.2	1228	1228												
102/101					.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	1.0	1919	1925												
100/99				.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.7	.9	.2	3475	3481											
98/97				.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.4	.2	1839	1846											
95/95				.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	3253	3259											
94/93			.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	1996	1997											
92/91	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	3271	3275											
90/89	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	2430	2435											
88/87	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	3572	3573											
85/85	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	2624	2627											
84/83	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	3253	3255	1										
82/81	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	5356	5371	1										
80/79	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	2517	2522	2										
78/77	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	3922	3928	2										
75/75	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	2155	2159	3										
74/73	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	3335	3345	5										
72/71	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	2311	2315	4										
70/69	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	3230	3238	7										
68/67	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	2426	2502	6										
65/65	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	3500	3505	6										
64/63	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	4523	4547	5										
62/61	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	2302	2305	5										
60/59	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	3229	3239	8										
58/57	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	1391	1392	4										
56/55	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	1827	1831	3										
54/53	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	1141	1143	3										
52/51	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.2	1255	1257	2										
Element (X)	ΣX^2			ΣX			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature																	
Rel. Hum.																≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F							
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SL

STATION 174167 STATION NAME A. JIBAYL/DHAAZAY SAUDI ARABIA YEARS 75-84

PAGE 1

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
35/ 35											.3		.3					2	2
34/ 33										.3	.3	.3	.3	.3				7	7
32/ 31					.7		.1	.3	.3	.3	.1		.3					51	51
30/ 29						.2	.2	.2	.1	.1	.7			.3				51	51
76/ 77			.7	.1	.3	.5	.4	.5	.2	.1	.1	.1						158	158
75/ 75			.7	.3	.2	.3	.5	.2	.2	.2	.1							165	165
74/ 73		.7	.1	1.2	.2	.9	1.3	.7	.5	.2	.3							348	348
72/ 71	.2	.1	.5	.2	.5	.7	1.1	.2	.1	.1	.7							295	295
70/ 69	.3	.3	2.2	1.1	1.3	2.7	.9	.7	.1	.1	.3							586	586
68/ 67	.1	.5	2.2	.5	1.4	.9	.5	.3	.1	.3								439	439
66/ 65	.3	1.9	1.5	1.5	1.2	1.7	1.2	.3	.1	.3								611	611
64/ 63	.4	3.2	2.1	3.2	1.3	2.2	.7	.5	.1	.3								263	263
62/ 61	.5	1.5	1.5	1.4	1.3	.4	.3	.1	.3									475	475
60/ 59	.5	2.5	2.2	1.5	1.7	.5	.7	.7										557	557
58/ 57	.2	1.3	.9	1.3	.9	.5	.3	.3										367	367
56/ 55	.4	1.9	1.3	1.3	1.7	.5	.1											455	455
54/ 53	.3	1.1	1.1	1.2	.5	.1	.1											284	284
52/ 51	.3	1.3	1.7	.7	.2	.1												329	329
50/ 49	.1	.9	1.1	.7	.3	.3												211	211
48/ 47	.1	.5	.7	.5	.1													151	151
46/ 45	.7	.2	.5	.2														74	74
44/ 43		.7	.1	.2														7	7
42/ 41			.7															1	1
40/ 39	.2																	1	1
38/ 37		.7																1	1
36/ 35																			
34/ 33																			
32/ 31																			
30/ 29																			
28/ 27																			
26/ 25																			
24/ 23																			
22/ 21																			
TOTAL	3.3	17.9	19.7	13.4	13.1	11.5	9.4	4.2	2.3	.9	.4	.1	.3	.3				6592	6592
Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature													
Rel. Hum.	33372357	451237	59.7	17.434	6592	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F								
Dry Bulb	25791588	422253	52.9	7.784	6592			233.3	47.7	7.2									
Wet Bulb	21742323	378537	56.7	6.517	6592			45.4	.3										
Dew Point	19253255	344723	51.5	8.421	6592			8.4	8.7										

USAFETAC FORM 44 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SU

75-34

YEARS

2458 1

[illegible]

PSYCHROMETRIC SU

75-94

YEARS

Page 1

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

D-26.5 (OLA)

WOMAN

USAFETAC

PSYCHROMETRIC SL

YEARS

2157 1

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			
35/ 35											.1							1	1			
34/ 33															.1			1	1			
32/ 31							.1	.3	.3	.2	.5							17	17			
30/ 29						.5	.2	.3	.2	.1								15	15			
28/ 27				.1	.2	1.2	.5	1.4	.5	.3	.2	.5						49	49			
26/ 25			.3	1.2	2.2	1.4	.1	.5	.3	.2								53	53			
24/ 23		.1	2.2	1.3	2.3	3.7	1.5	1.3	.5									101	101			
22/ 21	.1	.5	1.2	.3	2.7	3.1	.5	.5										79	79			
20/ 19		1.3	2.3	2.5	5.1	2.5	1.3	.3	.4	.1								151	151			
18/ 17		.5	.5	4.4	2.5	1.3	.9	.2										91	91			
16/ 15		.2	1.2	2.3	2.5	2.1	2.9	.7	.7									105	105			
14/ 13		.5	.2	1.3	2.3	4.2	.8	1.3	.5	.1								112	112			
12/ 11		.1		.2	1.2	.3	.5		.1									21	21			
10/ 9		.5	.2	.5	1.3	1.3	.1											25	25			
8/ 7		.2	.2				.1	.1										7	7			
6/ 5	.1			.1	.1	.1	.1											5	5			
4/ 3		.1		.1														2	2			
2/ 1		.2																2	2			
43/ 43																						
42/ 41																						
40/ 39																						
38/ 37																						
36/ 35																						
34/ 33																						
32/ 31																						
30/ 29																						
28/ 27																						
26/ 25																						
121A	.1	2.1	4.3	12.5	13.5	25.3	17.4	12.5	5.2	2.7	1.3	.8			.1			555	555			

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
Rel. Hum.	2375573	45445	55.913	337	365	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F
Dry Bulb	4173274	52233	59.2	5.335	365			52.2	27.7	2.2	
Wet Bulb	3295274	51522	59.8	5.754	365			9.7	.1		
Dew Point	2853255	45722	52.1	7.336	365		1.1				

RELATIVE H

PERIOD

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								M REL HUM	
		10%	20%	30%	40%	50%	60%	70%	80%		90%
JJ	00-02	100.0	95.5	80.7	52.5	47.2	34.7	21.2	11.0	2.6	51
	03-05	100.0	93.5	72.3	53.3	39.5	29.3	21.1	13.4	4.9	45
	06-08	99.3	80.2	52.7	37.3	25.5	19.4	13.5	5.5	2.5	37
	09-11	95.1	49.5	21.5	10.7	5.7	2.5	.5	.1		24
	12-14	89.3	39.3	19.2	7.5	3.1	1.2				21
	15-17	97.7	59.3	29.5	13.4	7.1	2.4	.1			25
	18-20	100.0	89.9	51.3	40.5	21.3	13.1	5.7	.7	.1	30
	21-23	100.0	95.5	79.4	52.1	45.2	32.2	15.3	4.3	.3	43
TOTALS		97.3	75.2	51.9	35.2	24.7	15.2	7.3	4.5	1.4	37

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HU

424152
STATION

AL 1138Y-72484384 SAJIT 438314
STATION NAME

75-34

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEA RELAT HUMID
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
1-15	22-22	137.2	92.2	35.1	52.1	52.7	42.2	29.2	15.9	5.5	55.2
	23-23	100.2	75.2	73.3	53.3	42.2	30.7	24.5	12.5	3.5	51.2
	26-23	99.2	35.5	29.2	42.2	27.2	13.2	13.5	7.3	5.2	41.2
	29-11	97.2	57.5	32.1	15.2	11.1	7.2	2.7	.3	.3	27.2
	12-14	95.2	45.7	19.3	9.5	4.3	.5	.1			22.2
	15-17	99.2	52.4	32.4	17.7	9.2	4.1	.5			23.2
	18-20	100.2	93.4	74.1	50.3	33.5	19.3	12.4	1.9	.5	44.2
	21-23	100.2	97.5	89.1	69.5	55.5	42.2	25.2	12.3	2.5	55.2
TOTALS		99.2	72.5	53.1	41.5	29.4	22.5	13.4	5.9	2.9	42.2

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUM

43453
STATION

A. ~~113AYL/124A-2AY SAJDI A2A3IA~~
STATION NAME

75-24

PERIOD

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
SEP	00-02	100.0	100.0	97.1	99.5	91.1	73.5	51.2	43.1	14.1	71.7
	03-05	100.0	99.5	93.5	95.4	75.5	55.3	57.2	45.9	24.3	73.5
	06-08	100.0	97.7	93.5	70.7	59.5	50.5	42.5	31.3	15.7	51.1
	09-11	93.3	77.3	53.7	33.5	25.5	14.1	5.2	1.1	.4	37.2
	12-14	94.9	54.2	39.7	21.2	10.5	1.5	.1			25.9
	15-17	99.3	82.4	55.1	35.7	12.7	5.3	.2			35.5
	18-20	100.0	99.7	92.7	90.2	53.5	44.5	12.5	4.3	.1	55.2
	21-23	100.0	99.5	97.3	91.2	84.1	73.2	51.5	25.5	4.2	59.5
TOTALS		99.1	75.2	75.5	54.4	52.5	41.2	37.7	13.9	7.3	53.2

USAFETAC

FORM
JUL 64

0-87.5 (OL A)

RELATIVE HUMIDITY

75-24

PERIOD

[illegible]

0-87-5 (OL A)

RELATIVE HUM

STATION

~~AL JJ3AYL/243424Y SAJDI 4-A3I2~~
STATION NAME

7524

PERIOD

[illegible]

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUM

PERIOD

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
JULY	01-12	100.0	100.0	100.0	99.5	97.1	91.2	75.2	55.5	22.2	79.9
	13-24	100.0	100.0	100.0	99.5	95.7	89.2	75.9	55.3	25.3	80.4
	25-36	100.0	100.0	100.0	99.1	97.0	85.4	72.2	45.9	22.2	74.2
	29-11	100.0	100.0	99.1	93.0	77.7	53.5	32.7	12.3	1.2	62.3
	12-14	100.0	99.3	94.9	82.9	49.5	23.7	10.5	3.1	.9	51.9
	15-17	100.0	99.3	95.9	85.7	55.3	35.9	15.1	4.5	.9	55.9
	18-20	100.0	100.0	99.9	93.5	92.5	77.4	53.7	20.3	7.5	69.9
	21-23	100.0	100.0	100.0	93.2	95.1	97.2	71.2	39.4	7.7	75.7
AUGUST	01-12	100.0	100.0	100.0	99.5	97.1	91.2	75.2	55.5	22.2	79.9
	13-24	100.0	100.0	100.0	99.5	95.7	89.2	75.9	55.3	25.3	80.4
	25-36	100.0	100.0	100.0	99.1	97.0	85.4	72.2	45.9	22.2	74.2
	29-11	100.0	100.0	99.1	93.0	77.7	53.5	32.7	12.3	1.2	62.3
	12-14	100.0	99.3	94.9	82.9	49.5	23.7	10.5	3.1	.9	51.9
	15-17	100.0	99.3	95.9	85.7	55.3	35.9	15.1	4.5	.9	55.9
	18-20	100.0	100.0	99.9	93.5	92.5	77.4	53.7	20.3	7.5	69.9
	21-23	100.0	100.0	100.0	93.2	95.1	97.2	71.2	39.4	7.7	75.7
TOTALS		100.0	100.0	99.9	94.0	93.2	83.1	51.4	29.9	11.1	59.0

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

RELATIVE HUMIDITY

434153 STATION 3. J13AY 12444244 SA 121 12AB18 75-34 PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY
		10%	20%	30%	40%	50%	60%	70%	80%	90	
JAN	ALL	100.0	99.3	97.3	95.7	85.5	71.0	55.5	33.3	13.5	71.1
FEB		100.0	99.9	97.3	93.3	73.2	57.4	53.2	33.9	15.1	62.4
MAR		100.0	93.7	83.2	83.4	52.2	55.5	41.4	24.4	9.9	53.2
APR		99.3	94.5	82.2	55.2	49.2	34.2	22.4	12.2	2.7	51.0
MAY		99.3	95.2	57.3	42.2	32.3	19.5	12.2	3.2	.2	42.7
JUN		95.5	71.5	45.4	27.2	15.4	2.3	4.5	1.5	.5	38.0
JUL		97.3	75.5	51.2	35.2	24.7	15.2	2.2	4.5	1.4	37.5
AUG		99.2	79.5	58.1	41.2	29.4	22.5	13.4	5.2	2.2	42.2
SEP		99.1	92.2	75.5	54.4	52.5	41.2	32.2	13.2	7.3	53.7
OCT		99.3	95.2	87.2	75.3	63.3	52.1	33.2	24.1	2.3	52.3
NOV		100.0	99.7	97.3	92.4	77.5	51.5	45.3	25.1	2.2	55.3
DEC		100.0	100.0	98.2	94.5	83.2	53.1	51.4	22.2	11.1	52.3
TOTALS		99.3	92.2	79.5	57.2	55.5	43.1	31.1	13.3	7.2	54.2

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 GCT. The same computations are also provided at the bottom of the year for all hours combined. All years of data available are combined in both of these tables, although the period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

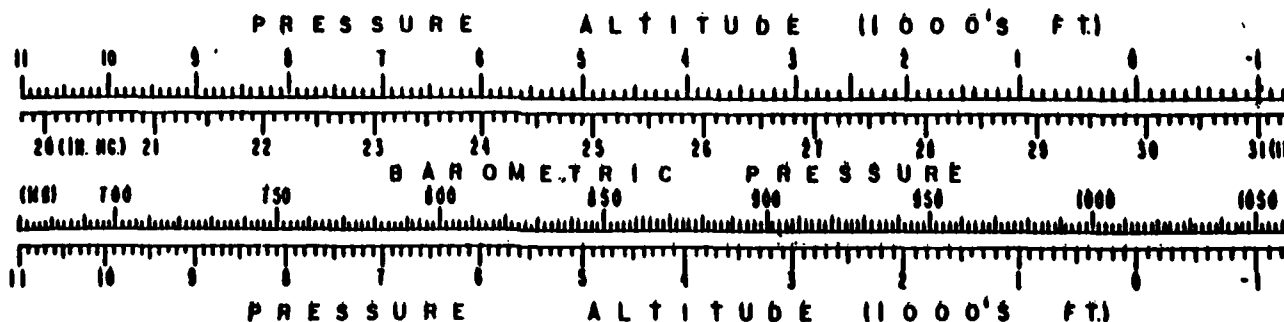
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

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 Smiths Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
JAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATION

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

STATION		STATION NAME												YEARS	
404150	AL JUBAYL/DHAKRAH SAUDI ARABIA	75-84													
HRS	EST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
00-02	MEAN	43.9	51.0	54.7	53.2	51.4	60.3	54.9	55.0	70.3	55.9	59.8	52.0		
	S D	7.177	7.355	7.022	7.449	8.334	9.751	11.137	10.893	9.188	8.329	7.650	6.496		
	TOTAL OBS	734	737	844	822	828	775	812	799	789	754	783	833		
03-05	MEAN	43.1	50.2	54.4	57.7	50.4	57.5	51.7	52.4	67.3	54.7	57.9	50.7		
	S D	7.557	7.759	7.627	7.807	8.717	10.369	12.558	12.255	10.983	9.715	8.348	6.756		
	TOTAL OBS	732	748	849	739	813	798	822	815	795	792	772	817		
05-08	MEAN	45.7	49.4	53.5	56.6	59.3	54.2	58.4	58.3	64.8	61.3	58.2	49.4		
	S D	7.847	8.425	8.394	8.492	9.087	11.591	13.578	13.549	12.828	11.263	8.984	9.125		
	TOTAL OBS	735	722	839	734	832	782	822	821	777	822	784	796		
08-11	MEAN	43.4	49.3	51.3	52.9	55.5	52.1	55.0	57.2	61.3	59.2	57.3	50.9		
	S D	6.391	6.586	8.715	9.100	9.600	10.708	11.421	12.620	12.424	11.471	9.055	6.882		
	TOTAL OBS	359	791	873	827	875	825	852	858	829	845	842	853		
11-14	MEAN	43.4	47.9	49.8	51.4	54.1	52.3	55.3	58.7	59.7	57.7	58.5	51.4		
	S D	7.533	6.451	8.989	9.403	10.355	10.715	11.358	10.878	12.009	10.180	8.232	6.027		
	TOTAL OBS	355	791	852	844	875	818	832	851	835	858	815	856		
15-17	MEAN	48.4	48.5	50.7	53.0	55.3	54.3	59.8	59.8	63.5	62.3	58.2	52.1		
	S D	7.491	8.110	8.759	9.558	11.103	10.381	10.634	10.855	10.335	8.590	7.508	7.836		
	TOTAL OBS	356	773	873	853	859	831	858	875	841	851	833	856		
18-20	MEAN	50.7	51.7	54.5	57.1	50.3	59.7	55.1	55.9	71.2	68.1	61.2	53.6		
	S D	6.779	6.883	7.504	8.184	8.551	9.743	9.918	10.130	7.982	7.035	6.930	7.672		
	TOTAL OBS	798	732	819	822	833	826	849	833	812	811	786	823		
21-23	MEAN	50.2	52.2	55.4	58.7	51.7	61.5	57.1	58.3	72.5	68.5	60.7	52.8		
	S D	7.151	6.395	6.807	7.406	8.651	9.805	10.528	10.255	7.975	7.440	7.396	7.886		
	TOTAL OBS	811	759	838	795	817	793	833	834	792	815	820	834		
ALL HOURS	MEAN	43.7	50.1	53.1	55.6	53.5	56.4	51.2	52.0	66.4	63.5	58.4	51.5		
	S D	7.527	7.917	8.257	8.882	9.524	10.980	12.091	12.302	11.498	10.139	8.249	6.421		
	TOTAL OBS	5523	5051	6755	6492	6725	6416	6671	6588	6471	6525	6435	658		

2

FEDERAL CLIMATOLOGY BRANCH
JAFETAC
AIR WEATHER SERVICE/44C

MEANS AND STANDARD DEVIATION

STATION PRESSURE IN INCHES 45 FROM HOURLY OBSERVATIONS

STATION		STATION NAME												YEARS	
404150	AL JUBAYL/DHAKRAN SAUDI ARABIA	75-84													
HRS EST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AN	
00	MEAN	29.99729	29.93829	29.85229	29.74829	29.63529	29.45729	29.35729	29.41229	29.58829	29.79429	29.91729	29.985	29	
	S D	.088	.101	.121	.094	.073	.085	.055	.055	.083	.093	.085	.080		
	TOTAL OBS	255	228	255	244	255	237	253	242	249	250	254	273		
03	MEAN	29.98329	29.92529	29.83129	29.72329	29.62129	29.44529	29.34929	29.40029	29.57929	29.77829	29.91529	29.971	29	
	S D	.093	.095	.129	.093	.079	.085	.053	.053	.084	.079	.085	.081		
	TOTAL OBS	252	230	255	245	248	243	253	243	256	272	243	266		
06	MEAN	29.99829	29.93529	29.85029	29.75329	29.64529	29.45829	29.37529	29.42129	29.60529	29.80029	29.92729	29.993	29	
	S D	.088	.100	.123	.091	.073	.082	.053	.070	.084	.090	.083	.075		
	TOTAL OBS	235	227	255	259	267	247	254	251	245	256	250	250		
09	MEAN	30.04529	29.98429	29.90129	29.79429	29.68529	29.49529	29.39529	29.45529	29.64329	29.84929	29.9753	30.043	29	
	S D	.098	.103	.125	.094	.077	.089	.067	.073	.085	.091	.083	.073		
	TOTAL OBS	257	243	235	270	277	255	275	275	254	279	253	275		
12	MEAN	30.00629	29.95529	29.87529	29.77829	29.67129	29.49029	29.38529	29.43529	29.61529	29.80729	29.93430	30.000	29	
	S D	.090	.100	.124	.094	.075	.088	.056	.072	.083	.091	.084	.079		
	TOTAL OBS	236	253	279	270	221	253	273	275	274	276	255	27		
15	MEAN	29.95629	29.90029	29.81929	29.72529	29.62929	29.44629	29.35529	29.39629	29.57429	29.76529	29.89029	29.948	29	
	S D	.091	.107	.122	.095	.079	.090	.055	.059	.082	.091	.084	.081		
	TOTAL OBS	256	251	272	279	281	255	291	288	277	274	259	288		
18	MEAN	29.97929	29.91429	29.82529	29.72129	29.61729	29.43429	29.34229	29.38929	29.57529	29.77729	29.91529	29.974	29	
	S D	.097	.107	.125	.095	.081	.089	.055	.072	.084	.093	.097	.092		
	TOTAL OBS	258	243	279	265	274	262	294	275	264	275	262	275		
21	MEAN	30.00529	29.94229	29.85929	29.75229	29.64129	29.45929	29.36729	29.42329	29.60529	29.80529	29.93130	30.000	29	
	S D	.093	.103	.123	.092	.077	.088	.054	.070	.085	.093	.085	.081		
	TOTAL OBS	259	231	254	250	261	255	271	276	252	258	259	267		
ALL HOURS	MEAN	29.99629	29.93729	29.85229	29.74929	29.64429	29.46129	29.35729	29.41729	29.59329	29.79929	29.92329	29.989	29	
	S D	.094	.105	.127	.097	.081	.089	.067	.073	.087	.095	.089	.083		
	TOTAL OBS	2370	1915	2135	2083	2157	2027	2167	2135	2082	2100	2054	2175		

USAF ETAC FORM 0-89-5 (OL A)
OCT 79

END

DATE
FILMED

11-85

DTIC

