

AD A 074669

USAFETAC/DS-79/043

DATA PROCESSING DIVISION  
USAFETAC  
Air Weather Service ( MAC )

REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

ENGLAND AFB LOUISIANA/ALEXANDRIA WBAN # 13934  
N 31 19 W 092 33 ELEV 99 FT KAEX WMO # 74754

PARTS A-F

POR FOR HRLY OBS SEP 43-NOV 45, APR 52-DEC 70  
POR FOR DAILY OBS SEP 43-NOV 45, APR 52-DEC 70

MAY 25 1972

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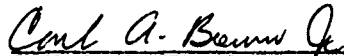
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FOR THE COMMANDER

  
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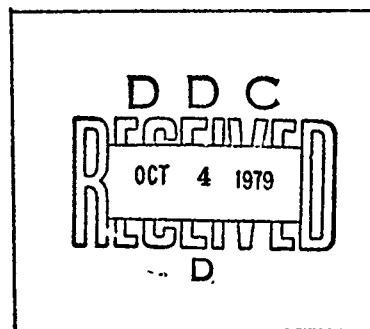
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO                      Daily temperature                      Atmospheric pressure Snowfall                      Extreme snow depth                      Extreme surface winds Climatology                      Sea-level pressure                      Psychrometric summary Surface Winds                      Extreme temperature                      Ceiling versus visibility Relative humidity                      *Climatological data                      (over)		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for England AFB, Alexandria, Louisiana It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

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

\* Louisiana

\* England AFB LA

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

### DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

### DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

#### PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

#### PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

#### PART C SURFACE WINDS

#### PART D CEILING VERSUS VISIBILITY

SKYCOVER

#### PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

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

RELATIVE HUMIDITY

#### PART F STATION PRESSURE

SEA LEVEL PRESSURE

### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

### MISSING HOUR GROUPS

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

JANUARY \_\_\_\_\_

FEBRUARY \_\_\_\_\_

MARCH \_\_\_\_\_

APRIL \_\_\_\_\_

MAY \_\_\_\_\_

JUNE \_\_\_\_\_

JULY \_\_\_\_\_

AUGUST \_\_\_\_\_

SEPTEMBER \_\_\_\_\_

OCTOBER \_\_\_\_\_

NOVEMBER \_\_\_\_\_

DECEMBER \_\_\_\_\_

STATION NO ON SUMMARY 13934	STATION NAME ENGLAND AFB LOUISIANA/ALEXANDRIA	LATITUDE N 31 19	LONGITUDE W 092 33	STATION ELEV (FT) 99	CALL SIGN KAEX	WMO NUMBER 74754
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### STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	BAROMETER	
1	Alexandria Fld Louisiana	AAF	Sep 43	Nov 45	N 31 19	W 092 32	87	90 ft	24
2	Alexandria, Louisiana	AFB	Apr 52	Mar 55	No chge	W 092 33	88	89 ft	24
3	England AFB, Alexandria La.	AFB	Apr 55	Feb 59	No chge	No chge	No chge	No chge	24
4	No change	AFB	Mar 59	May 61	No chge	No chge	99	No chge	24
5	No change	AFB	Jun 61	Jul 62	No chge	No chge	No chge	136 ft	24
6	No change	AFB	Aug 62	Sep 66	No chge	No chge	No chge	137 ft	24
7	No change	AFB	Oct 66	Dec 70	No chge	No chge	No chge	89 ft	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Sep 43 to Dec 43	Located in the middle wing of base operations bldg.	Anemometer	N/A	54 ft	
2	Jan 44 to Nov 45	No change	No chge	N/A	38 ft	
3	Apr 52 to Feb 57	Located on top of hangar.	SCM-20	N/A	64 ft	
4	Mar 57 to May 61	Located 2550 ft W of weather stn	AN/GMQ-11	RO-2	13 ft	
5	Jun 61 to Feb 62	Located 900 ft NW of a pt 5750 ft from approach end rwy 14.	No chge	No chge	No chge	

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.

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION			REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE	
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER		HT. ABOVE GROUND
6	Mar 62 to Aug 64	Located 525 ft SW of a point, 1400 ft down runway 14 from approach end.	No chge	No chge	15 ft	
7	Sep 64 to May 69	1. Same as above. 2. Located 525 ft SW of a point, 1000 ft down runway 32 from approach end.	No chge No chge	No chge	15 ft 15 ft	
8	Jun 69 to Dec 70	1. No change 2. No change	No chge No chge	RO-362	No chge No chge	

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ASHEVILLE, NORTH CAROLINA

## PART A

## WEATHER CONDITIONS

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

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

Occurrences of the various phenomena included in each category on the forms are listed below:

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

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

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

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

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.

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**WEATHER CONDITIONS**

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70 STATION NAME YEARS ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.3	11.1	.4	.5		12.0	15.8	8.2		.1	21.6	14879
FEB		1.0	11.1	.1	.3	.0	11.4	12.4	5.8		.5	16.9	13549
MAR		1.5	8.7		.1	.0	8.9	10.2	4.6		.4	13.6	14879
APR		2.2	7.1				7.1	10.0	4.5		.5	13.4	14781
MAY		2.7	5.3				5.3	8.6	4.0		.1	10.9	15621
JUN		2.0	3.4				3.4	6.6	3.4			8.6	15114
JUL		3.3	4.0				4.6	6.4	3.4		.0	8.6	15621
AUG		2.3	3.8				3.8	8.0	5.4		.0	11.4	15620
SEP		1.4	5.1				5.1	10.9	6.6			15.1	15836
OCT		.7	3.8			.0	3.8	11.6	9.1		.0	17.8	16364
NOV		.8	7.5			.0	7.5	11.9	10.7			19.9	15839
DEC		.8	11.5	.2	.1		11.8	13.8	9.4		.1	22.7	15620
TOTALS		1.6	6.9	.1	.1	.0	7.1	10.7	6.3		.1	15.0	183723

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**WEATHER CONDITIONS**

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70 JAN  
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.4	11.3	.5	.4		12.2	15.1	8.2			21.1	1860
	03-05	.4	12.8	.4	.6		13.7	20.8	8.9		.2	26.9	1860
	06-08	.1	13.3	.5	.3		14.1	28.2	11.6		.2	34.5	1860
	09-11	.5	11.3	.6	.4		12.2	21.4	10.6		.1	28.9	1860
	12-14	.3	9.9	.4	.6		10.8	11.4	5.6			15.5	1860
	15-17	.4	9.7	.4	.5		10.5	9.2	6.0			13.4	1860
	18-20	.2	9.5	.4	.4		10.2	9.2	7.4		.1	15.1	1859
	21-23	.3	11.0	.4	.8		11.9	10.8	7.8			17.0	1860
TOTALS		.3	11.1	.5	.5		12.0	15.8	8.2		.1	21.6	14879

2  
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**WEATHER CONDITIONS**

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.0	11.1	.2	.3		11.6	11.1	5.7		.6	16.0	1694
	03-05	1.0	11.3		.4		11.7	16.1	6.2		.6	20.6	1694
	06-08	.7	11.5		.2		11.7	24.2	8.6		.8	29.5	1692
	09-11	.4	10.7		.2		10.9	15.8	7.6		.9	21.7	1694
	12-14	1.1	10.3		.2		10.5	7.9	5.0		.5	12.3	1694
	15-17	.9	10.6	.1	.3		10.9	7.5	4.0		.4	11.2	1693
	18-20	1.7	11.6	.2	.4	.1	12.2	8.3	4.4		.2	12.2	1694
	21-23	1.8	11.6	.1	.2		11.9	7.9	4.7		.2	11.9	1694
TOTALS		1.0	11.1	.1	.3	.0	11.4	12.4	5.8		.5	16.9	13349

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WEATHER CONDITIONS

13924 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70 MAR  
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	1.9	10.3		.1		10.4	9.9	5.2		.2	13.6	1860
	03-05	1.8	10.3		.3		10.6	16.5	6.3		.3	20.0	1860
	06-08	1.5	9.9		.2		10.1	24.8	8.9		.5	29.9	1860
	09-11	.6	7.6		.1		7.7	11.2	5.8		.5	16.3	1860
	12-14	1.3	7.4				7.4	4.7	2.6		.5	7.2	1860
	15-17	1.1	7.6		.1	.1	7.7	3.4	2.1		.3	5.4	1860
	18-20	1.8	7.5		.2		7.6	5.2	2.4		.3	7.7	1860
	21-23	1.6	9.3		.1		9.4	6.0	3.2		.4	6.9	1859
TOTALS		1.5	8.7		.1	.0	8.9	10.2	4.6		.4	13.6	14879

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**WEATHER CONDITIONS**

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	2.9	8.1				8.1	8.7	4.2		.2	11.4	1846
	03-05	2.3	7.6				7.6	20.6	6.2		.4	24.3	1840
	06-08	1.7	8.3				8.3	30.3	8.7		.4	34.9	1847
	09-11	1.4	6.7				6.7	8.7	5.2		.6	13.1	1848
	12-14	1.9	6.6				6.6	2.9	2.5		.5	5.1	1848
	15-17	2.7	6.8				6.8	2.3	2.1		.4	4.5	1848
	18-20	2.5	6.9				6.9	3.0	3.2		.6	6.5	1848
	21-23	2.3	6.0				6.0	3.7	3.7		.6	7.0	1848
TOTALS		2.2	7.1				7.1	10.0	4.5		.5	13.4	14781

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**WEATHER CONDITIONS**

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	2.0	5.2				5.2	7.0	3.1		.2	9.2	1953
	03-05	2.2	5.4				5.4	25.6	8.2			28.3	1952
	06-08	1.4	3.9				3.9	28.9	11.2			33.7	1953
	09-11	1.4	3.8				3.8	3.6	3.7			6.5	1952
	12-14	3.6	5.8				5.8	.5	1.3		.1	1.8	1952
	15-17	3.9	6.9				6.9	.6	1.3		.2	2.0	1953
	18-20	3.9	5.8				5.8	1.0	1.6		.2	2.5	1953
	21-23	3.0	3.7				5.7	1.5	1.4		.2	3.0	1953
TOTALS		2.7	5.3				5.3	8.6	4.0		.1	10.9	15621

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**WEATHER CONDITIONS**

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70 YEARS JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.7	1.7				1.7	3.5	2.2			5.0	1890
	03-05	.6	2.4				2.4	21.6	6.3			24.0	1890
	06-08	.5	2.6				2.6	23.0	11.4			29.0	1890
	09-11	.6	2.8				2.8	1.7	2.5			3.9	1890
	12-14	3.5	4.8				4.8	.6	1.1			1.7	1890
	15-17	5.1	5.6				5.6	1.0	1.0			1.9	1890
	18-20	3.8	4.5				4.5	.9	.7			1.6	1887
	21-23	1.4	2.7				2.7	.8	1.2			2.0	1887
TOTALS		2.0	3.4				3.4	6.6	3.4			8.6	15114

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### WEATHER CONDITIONS

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70 YEARS JUL MONTH

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.7	1.9				1.9	5.7	2.6			7.5	1952
	03-05	.9	2.3				2.3	19.2	5.1			21.6	1953
	06-08	.6	2.7				2.7	21.8	10.1			27.2	1953
	09-11	1.8	4.2				4.2	1.5	3.5			4.6	1953
	12-14	6.0	6.2				6.2	.5	1.1		.1	1.7	1953
	15-17	10.0	9.8				9.8	.5	1.1			1.4	1952
	18-20	5.3	6.5				6.5	.9	1.6			2.3	1953
	21-23	1.2	3.0				3.0	1.2	1.7			2.6	1952
TOTALS		3.3	4.6				4.6	6.4	3.4		.0	8.6	15621

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME 44-45, 52-70 YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.3	1.2				1.2	5.3	3.9			8.4	1953
	03-05	.7	2.3				2.3	20.6	8.3			24.7	1953
	06-08	.7	2.8				2.8	32.3	16.1		.1	38.9	1953
	09-11	.7	3.1				3.1	2.6	5.9			7.6	1951
	12-14	3.8	5.4				5.4	.5	2.2			2.6	1953
	15-17	7.6	8.0				8.0	.4	1.7			1.9	1952
	18-20	3.6	5.1				5.1	.5	2.3			2.6	1953
	21-23	.6	2.3				2.3	1.5	3.0			4.1	1952
TOTALS		2.3	3.8				3.8	8.0	5.4		.0	11.4	15620

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

**WEATHER CONDITIONS**

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME 43-45, 52-70 YEARS SEP MONTH

PERCENTAGE FREQUENCY OF OCCURENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SFP	00-02	.1	3.7				3.7	7.9	6.1			12.0	1980
	03-05	.1	3.2				3.2	23.6	8.5			28.1	1980
	06-08	.4	4.6				4.6	39.6	17.4			46.9	1980
	09-11	.2	4.3				4.3	6.4	9.2			13.5	1979
	12-14	2.6	6.3				6.3	1.8	2.4			3.8	1980
	15-17	3.8	7.9				7.9	2.0	1.8			3.4	1979
	18-20	2.7	6.7				6.7	2.4	3.5			5.7	1979
	21-23	.6	4.3				4.3	3.6	3.8			7.0	1979
TOTALS		1.4	5.1				5.1	10.9	6.6			15.1	15836

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.	
OCT	00-02	.6	3.4				3.4	9.8	9.8			17.1	2045	
	03-05	.8	4.7				4.7	25.7	13.2		.1	32.5	2045	
	06-08	.5	3.8				3.8	39.9	19.3			47.5	2046	
	09-11	.5	4.3				4.3	9.6	.0			20.0	2046	
	12-14	1.1	3.6				3.6	1.9	.9		.0	5.2	2045	
	15-17	.9	3.6				.0	3.6	1.2	2.6		3.6	2046	
	18-20	.9	3.5					3.5	1.4	5.5		6.7	2045	
	21-23	.6	3.4					3.4	3.3	7.4			10.0	2046
	TOTALS		.7	3.8			.0	3.8	11.6	9.3		.0	17.8	16366

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45,52-70  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.9	7.5				7.5	12.2	10.9			20.7	1980
	03-05	.9	8.2				8.2	19.5	12.8			27.8	1980
	06-08	.8	7.8				7.8	30.6	17.9			38.3	1980
	09-11	.5	7.2				7.2	12.5	14.2			24.1	1980
	12-14	.9	7.0			.1	7.0	4.4	6.7			10.8	1980
	15-17	.8	7.6				7.6	3.5	6.1			9.2	1979
	18-20	.8	7.2				7.2	5.3	8.2			12.7	1980
	21-23	.9	7.6				7.6	6.9	9.1			15.3	1980
TOTALS		.8	7.5			.0	7.5	11.9	10.7			19.9	15839

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA 43-44.52-70 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.9	10.5	.4	.2		11.0	14.6	9.0		.2	21.7	1953
	03-05	1.1	13.0	.5			13.5	19.0	9.5		.1	25.7	1952
	06-08	.6	11.9	.4	.2		12.4	29.4	12.1		.1	36.1	1952
	09-11	.5	12.4		.1		12.5	21.0	12.0		.2	29.6	1951
	12-14	.9	11.4	.1			11.5	11.8	8.0		.1	18.3	1953
	15-17	.3	11.3				11.3	9.6	7.8			15.9	1953
	18-20	.9	10.9	.1			11.0	9.8	8.0			16.2	1953
	21-23	.9	10.5	.3	.1		10.8	11.0	8.9		.1	18.1	1953
TOTALS		.8	11.5	.2	.1		11.8	15.8	9.4		.1	22.7	15620

## PART A

## ATMOSPHERIC PHENOMENA

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

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

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

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

XX WEATHER CONDITIONS  
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
 ATMOSPHERIC PHENOMENA

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME 52-70 YEARS ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
 FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREELZING 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	DAILY	5.9	47.5	2.3	3.9		47.8	48.7	23.3			53.9	558
FEB		10.0	44.9	.8	2.4	.8	45.9	43.5	17.7		.2	47.0	508
MAR		13.8	43.7		.9	.7	43.7	44.1	19.7			48.4	558
APR		19.6	42.6			.5	42.6	49.1	21.0		.5	54.5	556
MAY		21.4	38.2			.7	38.2	51.8	25.1			55.2	589
JUN		23.3	34.4				34.4	50.4	25.3			54.7	570
JUL		39.9	47.9			.2	47.9	45.5	20.4			48.2	559
AUG		31.1	40.1				40.1	54.2	35.0		.2	60.8	589
SEP		16.1	34.9				34.9	57.9	38.2			61.8	570
OCT		8.8	26.5			.2	26.5	52.8	38.0		.3	58.7	589
NOV		7.9	36.5		.2		36.5	44.9	33.0			52.8	570
DEC		8.8	42.0	.9	1.2		42.2	47.4	24.9			52.9	588
TOTALS		17.2	39.9	.3	.7	.3	40.1	49.2	26.8		.1	54.1	6834

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

## PART B                      PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

\* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF  
 PRECIPITATION  
 (FROM DAILY OBSERVATIONS)

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-43, 52-70

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	51.9	16.5	2.6	6.0	3.1	5.2	5.5	4.7	4.2	.5			9.4	31.6	620	4.53	10.58	1.19	
FEB	51.7	16.8	1.9	5.3	3.0	4.1	4.0	6.2	5.3	.9			12.4	31.5	565	4.87	8.76	.80	
MAR	53.7	16.6	1.6	6.3	3.2	4.7	3.9	5.3	4.0	.6			9.9	29.7	620	4.66	15.55	.40	
APR	56.5	16.2	1.3	4.5	1.8	4.5	5.4	3.8	4.3	1.0		.2	9.3	27.3	600	5.23	13.22	1.02	
MAY	61.4	10.9	.9	3.6	2.6	5.1	4.3	5.2	4.2	1.2			10.7	27.6	651	5.48	17.22	1.51	
JUN	64.4	10.6	1.3	5.6	2.2	4.6	3.8	4.0	2.3	.6			7.1	24.6	630	3.33	10.22	.71	
JUL	51.9	13.1	1.4	6.0	4.3	6.3	6.6	4.9	4.6	.3			9.8	35.0	651	4.70	11.16	.39	
AUG	58.4	12.1	2.0	5.2	2.9	6.0	5.5	3.1	4.6		.2		7.9	29.5	651	4.24	11.32	.42	
SEP	63.5	11.1	2.3	2.6	2.9	4.8	5.5	4.4	2.6	.3	.2		7.5	25.5	660	3.73	11.37	.63	
OCT	73.3	9.7	.6	3.1	1.9	2.8	2.3	3.4	2.1	.9			6.4	17.0	682	3.23	11.04	TRACE	
NOV	63.5	12.2	1.3	3.5	2.3	4.3	4.4	3.5	4.0	.6			8.3	24.3	630	4.04	10.78	.13	
DEC	35.7	12.7	1.5	4.4	2.4	7.3	4.4	6.3	3.9	1.2	.2		11.6	31.6	589	5.65	12.61	1.82	
ANNUAL	58.9	13.2	1.6	4.7	2.7	5.0	4.7	4.6	3.9	.7	.0	.0	27.9	7549	53.69				

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

PRECIPITATION  
 (FROM DAILY OBSERVATIONS)

1934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-49, 52-70  
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43									2.03	.86	1.28	.96	
44	1.63	1.04	1.45	1.69	2.60	.61	1.09	1.28	2.27	.98		1.65	
45	1.30	1.62	2.25	1.89	3.00	1.56	2.00	1.75	1.11	1.90	1.28		
52					1.87	.61	2.52	.24	.72	TRACE	2.10	2.01	
53	1.08	1.62	2.36	10.18	4.00	1.50	1.01	.29	1.15	2.21	.83	2.56	10.18
54	1.13	.51	.91	2.71	2.99	1.19	1.47	.47	1.38	3.73	1.36	1.12	3.73
55	1.75	2.99	.38	4.66	1.58	.48	2.50	2.15	.44	1.16	.84	1.58	4.66
56	1.82	2.55	2.06	.57	.86	.75	1.10	1.14	.60	.99	1.22	1.76	2.55
57	.56	1.67	2.04	1.55	.62	3.52	.85	.15	1.43	2.82	2.72	1.04	3.52
58	1.30	1.42	2.12	1.60	1.19	3.11	1.11	7.15	4.21	.21	1.39	.87	7.15
59	1.60	2.25	.71	1.94	1.60	.46	1.32	.57	.82	2.90	.34	3.45	3.45
60	1.29	1.18	1.40	.82	1.15	.83	.91	2.30	.76	1.48	.33	1.30	2.30
61	4.51	1.43	3.75	.78	2.52	2.54	1.71	1.38	.86	1.78	2.57	2.65	4.51
62	1.48	.58	.61	1.26	1.53	1.96	.18	2.24	.90	.57	1.41	1.89	2.24
63	.85	1.62	.20	.69	2.04	.28	1.60	.42	.50	.11	1.66	1.45	2.04
64	1.93	1.09	2.53	3.24	.76	1.94	1.18	2.12	.20	.27	3.91	3.61	3.61
65	2.00	1.67	1.94	.50	.58	1.57	.31	.39	2.29	.14	1.95	4.36	4.36
66	3.63	3.26	.20	1.62	.98	.93	1.56	1.54	3.56	2.08	2.24	2.55	3.56
67	1.07	1.57	.91	3.35	3.14	2.15	1.88	.86	.72	2.95	.13	4.33	4.33
68	4.75	1.31	1.22	3.11	1.03	.86	.75	2.34	1.54	.65	3.09		
69	1.29	2.85	1.91	2.31	2.94	2.91	3.64	1.11	1.30	1.59	2.52		
70	1.35	1.48	.95	1.13	2.40	.30	1.69	1.97	.94	4.52	1.57	1.11	4.52
MEAN	1.77	1.69	1.49	2.28	1.88	1.44	1.44	1.52	1.48	1.91	1.65	2.22	4.42
S. D.	1.187	.736	.614	2.157	.983	.971	.788	1.498	1.237	1.269	.938	1.338	2.066
TOTAL OBS.	620	565	620	600	651	630	651	651	660	682	630	589	7549

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

**EXTREME VALUES**

**PRECIPITATION**  
(FROM DAILY OBSERVATIONS)

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA 42-43, 52-70  
STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES  
/BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
44											1.53		PRECIP DAYS
52				2.51							29		PRECIP DAYS
68				16								1.25	PRECIP DAYS
69												30	PRECIP DAYS
												1.69	PRECIP DAYS
												30	PRECIP DAYS
MEAN													
S. D.													
TOTAL OBS													

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF  
 SNOWFALL  
 (FROM DAILY OBSERVATIONS)

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 52-70  
 STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	96.4	3.2		.4										.4	527	.2	2.6	.0
FEB	97.7	1.7	.2				.2	.2						.6	479	.5	9.1	.0
MAR	99.1	.5	.2	.2										.4	558	.1	1.0	.0
APR	100.0														540	.0	.0	.0
MAY	100.0														589	.0	.0	.0
JUN	100.0														570	.0	.0	.0
JUL	100.0														589	.0	.0	.0
AUG	100.0														589	.0	.0	.0
SEP	100.0														570	.0	.0	.0
OCT	100.0														589	.0	.0	.0
NOV	99.8	.2													570	TRACE	TRACE	.0
DEC	98.9	1.1													558	TRACE	TRACE	.0
ANNUAL	99.2	.6	.0	.0			.0	.0						.1	6728	.8	×	×

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

### EXTREME VALUES

**SNOWFALL**  
(FROM DAILY OBSERVATIONS)

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 52-70  
STATION STATION NAME YEARS

#### 24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
52					.0	.0	.0	.0	.0	.0	.0	.0	
53	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
54	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
56	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
57	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
58	1.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
59	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
60	TRACE	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.1
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.2
64	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
66		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
67	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
68	TRACE		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
69	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
MEAN	.08	.31	.06	.00	.00	.00	.00	.00	.00	.00	TRACE	TRACE	.49
S. D.	.339	1.235	.235	.000	.000	.000	.000	.000	.000	.000	.000	.000	1.335
TOTAL OBS.	527	479	558	540	589	570	589	589	570	589	570	558	6728

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/4AC

**EXTREME VALUES**

**SNOWFALL**  
 (FROM DAILY OBSERVATIONS)

1934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA 92-70 YEARS

24 HOUR AMOUNTS IN INCHES  
 /BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43									0	0	0	0	SNOWFALL DAYS
44	0	0	0	0	0	0	0	0	0	0	0	0	SNOWFALL DAYS
45	0	0	0	0	0	0	0	0	0	0	0		SNOWFALL DAYS
52				16. <sup>0</sup>									SNOWFALL DAYS
66	TRACE 30												SNOWFALL DAYS
67												0	SNOWFALL DAYS
68		28. <sup>0</sup>										32	SNOWFALL DAYS
MEAN													
S. D.													
TOTAL OBS.													

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

### DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 SNOW DEPTH  
 (FROM DAILY OBSERVATIONS)

13934      ENGLAND AFB LOUISIANA/ALEXANDRIA      43-45, 52-70  
STATION                      STATION NAME                      YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	06-.10	11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	99.0	.0	.0											.2	620			
FEB	99.1	.0	.0	.0		.2	.2							.7	536			
MAR	99.0	.0													620			
APR	100.0														600			
MAY	100.0														651			
JUN	100.0														630			
JUL	100.0														651			
AUG	100.0														651			
SEP	100.0														660			
OCT	100.0														682			
NOV	100.0														660			
DEC	100.0														651			
ANNUAL	99.8	.1	.0	.0		.0	.0							.1	7612			

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

**EXTREME VALUES**

SNOW DEPTH  
 (FROM DAILY OBSERVATIONS)

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70  
STATION STATION NAME YEARS

**DAILY SNOW DEPTH IN INCHES**

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43									0	0	0	0	
44	0		0	0	0	0	0	0	0	0	0	0	
45	0	0	0	0	0	0	0	0	0	0	0	0	
52									0	0	0	0	
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	1	0	0	0	0	0	0	0	0	0	0	0	1
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	9	0	0	0	0	0	0	0	0	0	0	9
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
63	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	2	0	0	0	0	0	0	0	0	0	0	2
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	.1	.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
S. D.	.224	2.090	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	2.142
TOTAL OBS.	620	526	620	600	651	630	65	651	660	682	660	651	7612

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# EXTREME VALUES

SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

13934 STATION    ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME    42-45, 52-70 YEARS

## DAILY SNOW DEPTH IN INCHES /BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
44		0											SNOW DPTH DAYS
52		28		0									SNOW DPTH DAYS
MEAN													
S. D.													
TOTAL OBS													

USAF ETAC FORM 0-88-5 (OLI)  
21 64

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

## PART C

## SURFACE WINDS

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

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

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

A separate category is provided on the form for variable winds, which are reported in some data sources. In these 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 VARBL.

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

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

SURFACE WINDS  
 (FROM DAILY OBSERVATIONS)

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 56-70  
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
56											NNW 28NW	21	
57	NW 23ENE 24N	30W	38S	40SE	30NNE	26SE	24N	24NNW	33SW	30NNW	27	N 36	
58	NNW 30W	30NNW 26	32W	26NNW	27SSE	28SE	25E	29N	18S	26SW	27	N 37	
59	NNW 29SSW	26NW	30NNW	32SSE	34N	28N	39ESE	24NNE	30ESE	30S	30NW	26	N 39
60	NW 29S	34NW	24E	31NNW	43ENE	21W	28WSW	22E	27NW	26NW	30NW	29	NNW 43
61	NW 30W	29W	35NW	42NW	36SSW	36SSE	33NNE	30E	30		NW	42	42
62	NW 36NW	33NNW	31	E	31WSW	34NW	29S	26WSW	38N	27SSW	24NNW	24	38
63	N 29N	39ESE	27S	29E	24SE	31E	31N	29NNW	24E	20NNW	27		39
64	NNW 29W	28ESE	31S	26NNW	31S	30NNE	41	E	22N	40NW	26SSW	33	41
65	S 30	W	36S	20SSE	26NNW	32S	28NW	33NNW	40ESE	19WSW	24W	30	48
66	N 26NNW	40	S	29	NE	26E	28E	33NNW	34NW	33NW	29NW	28	40
67	N 49NNE	30NNW	28E	35N	44SSE	17SSW	29N	22N	23WSW	27S	28NW	33	W 45
68	N 29NW	49NE	28SE	24N	36N	4334/	2911/	3917/	2334/	3225/	3531/	37	89/ 44
69	18/ 2734/	3217/	3412/	3927/	5613/	2426/	3921/	2232/	3115/	2435/	3428/	44	27/ 54
70	20/ 3318/	4016/	3132/	4413/	3620/	2916/	3116/	2922/	3490/	29	4/ 3012/	29	32/ 44
MEAN	30.1	33.0	32.1	32.4	35.5	30.7	31.4	27.6	29.7	28.2	29.9	30.7	46.4
S. D.	5.356	6.096	8.009	7.379	8.403	9.746	4.830	5.392	7.065	6.938	6.696	6.545	6.168
TOTAL OBS.	429	363	397	349	398	412	422	398	412	399	417	428	4825

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

**SURFACE WINDS**  
 (FROM DAILY OBSERVATIONS)

1994 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME 56-70 YEARS

**DAILY PEAK GUSTS IN KNOTS**  
**/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/**

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45		0	0	0	0	0	0	0	0	0	0		WINDS DAYS
56	0	0	0	0	0	CALM 1	0	0	0	WNW 29 9			WINDS DAYS
58				S 32 26									WINDS DAYS
61										N 21 9	0		WINDS DAYS
62				SW 29 26									WINDS DAYS
63												SSW 21 20	WINDS DAYS
64								ENE 32 27					WINDS DAYS
65		S 32 24											WINDS DAYS
66			WNW 36 27		N 24 27								WINDS DAYS
MEAN													
S. D.													
TOTAL OBS													

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME 43-45, 52-70 YEARS ALL MONTH ALL HOURS (L.S.T.)  
 ALL WEATHER CLASS  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.5	1.8	.6	.0	.0	.0					6.5	6.2
NNE	1.0	1.6	1.3	.4	.0	.0		.0				4.3	6.1
NE	1.3	2.4	1.5	.3	.0	.0	.0					5.5	5.7
ENE	.9	1.5	.8	.1	.0	.0						3.4	5.4
E	1.6	2.3	1.0	.2	.0	.0			.0			5.0	5.1
ESE	1.0	1.5	.8	.2	.0	.0						3.4	5.3
S	1.7	2.9	1.8	.4	.1	.0	.0	.0				7.0	5.8
SSE	1.6	2.2	1.6	.6	.1	.0	.0	.0				6.2	6.2
S	2.3	3.4	2.9	1.2	.2	.0	.0					10.0	6.7
SSW	.8	1.2	1.1	.6	.1	.0	.0					3.9	7.2
SW	.9	1.3	.9	.3	.1	.0	.0	.0				3.5	6.3
WSW	.6	.7	.4	.1	.0	.0	.0	.0				1.9	5.7
W	1.1	1.2	.7	.3	.0	.0	.0	.0				3.3	5.8
WNW	.6	.8	.6	.3	.1	.0	.0					2.3	6.7
NW	.9	1.4	1.3	.6	.1	.0	.0					4.3	7.0
NNW	.7	1.1	1.1	.5	.1	.0	.0	.0				3.5	6.9
VARBL													
CAIM												26.1	
	18.6	28.0	19.5	6.7	.9	.2	.0	.0	.0			100.0	4.6

116.0 661

TOTAL NUMBER OF OBSERVATIONS 183744

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 53-70  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.8	3.2	1.1	.1							8.4	7.3
NN.	.8	2.1	1.9	.5	.0							5.3	6.7
NE	.9	2.8	2.1	.6	.0							6.4	6.4
ENE	.9	1.8	1.0	.1								3.7	5.5
E	1.4	2.1	1.2	.1								4.8	5.2
ESE	1.0	1.9	.9	.1	.0							3.9	5.2
SE	1.5	3.0	2.4	.5	.0	.0						7.4	6.1
SSE	1.3	2.3	1.4	.6	.1	.0						5.7	6.3
S	1.3	2.9	2.7	1.2	.2	.1	.0					8.5	7.5
SSW	.4	.9	1.0	.5	.1	.0	.0					2.9	7.8
SW	.5	.9	.8	.4	.2	.0						2.8	7.4
WSW	.3	.5	.4	.3	.0	.0						1.6	7.3
W	.8	1.0	1.2	.7	.1	.0	.0					3.8	7.5
WNW	.6	1.0	.9	.6	.1	.0						3.3	7.7
NW	.8	1.9	2.4	1.4	.1	.0						6.6	8.0
NNW	.7	1.6	1.8	1.0	.1							5.2	7.6
VARBL													
CALM												19.7	
	14.4	29.6	25.1	9.8	1.2	.2	.0					100.0	5.5

(11)

TOTAL NUMBER OF OBSERVATIONS

14879

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 53-70  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

ALL  
MOUSE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.7	2.9	1.3	.0		.0					8.0	7.3
NNE	.4	1.9	2.3	.8	.0							5.9	7.1
NE	1.1	2.5	2.0	.4	.0							6.0	6.3
ENE	.9	1.9	1.4	.1								4.4	5.7
E	1.3	2.9	1.6	.3	.0							5.7	5.7
ESE	.8	1.5	.9	.3	.0							3.5	5.8
SE	1.3	2.5	1.4	.3	.1	.0	.0					5.8	6.2
SSE	1.0	1.4	1.3	.7	.2	.1						4.7	7.5
S	1.0	2.9	3.0	1.9	.5	.1						9.4	8.5
SSW	.6	1.1	1.3	1.3	.3	.1						4.6	9.0
SW	.7	1.2	1.3	.7	.2	.0						4.0	7.9
WSW	.6	.7	.6	.3	.1							2.3	6.8
W	1.0	1.2	1.2	.5	.1	.0						4.0	6.7
WNW	.5	.9	.9	.6	.2	.1						3.3	8.3
NW	.7	1.4	1.9	1.2	.3	.1						5.5	8.4
NNW	.5	1.4	1.6	.9	.1	.0						4.6	8.0
VARBL													
CALM												18.5	
	12.9	27.7	25.7	11.7	2.0	.5	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 13558

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 53-70  
YEARS

MAR  
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	.9	2.2	1.9	.7	.0	.0						3.8	6.9
NNE	.6	1.5	1.5	.4	.0							3.9	6.6
NE	1.0	2.1	1.6	.3	.0							3.0	6.1
ENE	.9	1.5	1.1	.2	.0							3.8	5.7
E	1.3	2.4	1.4	.2	.0							3.3	5.4
ESE	.7	1.6	1.1	.2	.0							3.7	6.0
SE	1.4	3.0	2.6	.8	.2	.0	.0					8.0	6.8
SSE	1.3	2.2	1.8	1.0	.2	.1						6.6	7.4
S	1.7	3.3	4.4	2.7	.7	.1	.0					13.0	8.5
SSW	.6	1.4	1.7	1.1	.4	.1	.0					3.4	5.1
SW	.6	1.0	1.0	.5	.1	.0						3.3	7.5
WSW	.5	.4	.4	.1	.0	.0	.0					1.5	6.3
W	.8	1.1	1.0	.6	.1	.0	.0	.0				3.6	7.3
WNW	.5	1.0	1.1	.7	.2	.0						3.4	8.3
NW	.8	1.7	2.5	1.6	.3	.1						6.9	8.6
NNW	.8	1.3	1.7	.8	.1	.0						4.8	7.5
VARBL													
CALM												16.2	
	14.3	27.9	26.7	11.9	2.3	.6	.1	.0				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

14879

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.8	1.5	.4	.0	.0						4.7	6.5
NNE	.7	.9	.9	.3	.1	.0						3.0	7.0
NE	.7	1.4	1.2	.3	.0		.0					3.7	6.4
ENE	.7	1.4	1.0	.2	.0	.0						3.3	6.1
E	1.2	2.4	1.3	.2	.0							5.1	5.6
ESE	.8	1.6	1.3	.4	.0	.0						4.1	6.4
SE	1.6	3.3	3.0	1.0	.1	.0						9.2	6.7
SSE	1.8	3.1	3.3	1.7	.4	.1	.0					10.3	7.5
S	2.7	5.6	6.4	2.3	.5	.1	.0					17.5	7.4
SSW	.9	1.6	1.8	.8	.1	.0*	.0					5.3	7.6
SW	.6	1.1	1.0	.4	.1	.0						3.2	7.0
WSW	.5	.6	.3	.2	.0	.0						1.9	6.7
W	.5	1.0	.8	.5	.1	.0						3.2	6.8
WNW	.5	.6	.6	.4	.1	.0						2.1	7.8
NW	.7	1.3	1.3	.6	.1	.0	.0					3.8	7.0
NNW	.6	.9	1.1	.4	.1	.0						3.2	7.4
VARBL													
CALM												16.3	
	15.6	29.0	27.0	9.9	1.8	.4	.0					100.0	5.8

95.6

TOTAL NUMBER OF OBSERVATIONS

14781

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.7	1.1	.4	.1							4.5	6.0
NNE	.7	1.2	1.0	.3	.0							3.2	6.1
NE	1.2	1.8	1.0	.3	.0	.0						4.2	5.6
ENE	.6	1.2	.8	.2	.0							2.8	6.0
E	1.3	2.1	1.1	.2	.0							4.7	5.4
ESE	.9	1.7	1.1	.2	.0							3.9	5.8
SE	1.4	3.3	2.6	.8	.1	.0						8.3	6.6
SSE	1.9	2.8	2.5	1.0	.1	.0						8.5	6.6
S	3.3	5.2	4.8	1.9	.4	.1						15.6	6.9
SSW	1.0	1.7	1.7	.7	.2	.0						5.2	7.2
SW	1.0	1.4	1.0	.3	.1							3.8	6.1
WSW	.6	.7	.3	.1	.0							1.7	5.1
W	.8	.9	.4	.1	.0							2.1	5.1
WNW	.5	.5	.3	.1								1.4	5.2
NW	.8	1.2	.8	.4	.0	.0	.0					3.3	6.3
NNW	.6	.9	.7	.3	.1	.0						2.6	6.8
VARBL													
CALM												24.2	
	17.8	28.2	21.3	7.3	1.0	.2	.0					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

15621

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURE (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	48-53	≥56	%	MEAN WIND SPEED
N	1.4	1.4	.5	.2	.0	.0						3.6	4.8
NNE	.9	1.2	.5	.1	.0							2.7	4.9
NE	1.4	1.8	.9	.2	.0	.0						4.2	5.2
ENE	1.0	1.4	.6	.1								3.2	3.0
E	1.7	2.2	.8	.2	.0	.0			.0			4.9	4.9
ESE	1.1	1.3	.5	.1	.0							3.0	4.9
SE	1.9	2.6	1.2	.2	.0			.0				5.9	5.1
SSE	1.8	2.3	1.6	.4	.0			.0				6.4	5.6
S	4.0	5.6	3.8	.8	.0	.0	.0					14.2	5.6
SSW	1.6	2.1	1.7	.6	.0							6.1	6.2
SW	1.3	2.3	1.3	.2	.0	.0						5.2	5.7
WSW	.8	.8	.5	.1	.0							2.2	3.2
W	1.1	1.0	.4	.1								2.5	4.5
WNW	.5	.3	.2	.0	.0							1.3	4.5
NW	.8	.8	.3	.1								2.2	5.0
NNW	.5	.6	.4	.2	.0	.0						1.6	5.4
VARBL													
CALM												30.5	
	21.9	28.1	15.2	3.5	.2	.1	.0	.0	.0			100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

15114

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.4	.5	.0	.0							3.6	4.4
NNE	1.0	1.0	.5	.1								2.6	4.8
NE	1.5	1.6	.6	.2	.0	.0						4.0	5.0
ENE	.8	1.1	.4	.2	.0	.0						2.5	5.4
E	1.6	1.9	.8	.1	.0							4.4	4.8
ESE	1.0	1.2	.3	.1								2.6	4.6
SE	2.1	2.5	1.1	.2	.0		.0					5.9	4.9
SSE	2.0	2.1	.9	.2	.0							5.1	4.7
S	3.8	3.4	1.4	.3	.1	.0						8.9	4.7
SSW	1.6	1.6	.9	.5	.0							4.7	5.6
SW	2.2	2.6	1.4	.5		.0		.0				6.7	5.5
WSW	1.3	1.7	.6	.1	.0			.0				3.7	4.8
W	2.0	2.2	.7	.1	.0							5.0	4.4
WNW	.7	.8	.2	.0								1.6	4.4
NW	.8	1.0	.2	.1	.0							2.1	4.5
NNW	.8	.7	.3	.0								1.9	4.5
VARBL													
CALM												34.5	
	25.0	26.7	10.9	2.7	.2	.0	.0	.0				100.0	3.2

51.7

TOTAL NUMBER OF OBSERVATIONS

15623

2

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

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

**SURFACE WINDS**

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-43, 52-70  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.8	.6	.2	.0	.0						4.3	4.7
NNE	1.2	1.4	.6	.1	.0	.0						3.4	5.1
NE	1.7	2.4	1.0	.1	.0	.0						5.3	4.9
ENE	1.3	1.3	.6	.0	.0	.0						3.2	4.7
E	2.1	2.4	.9	.1								5.4	4.5
ESE	1.1	1.5	.6	.1								3.3	4.8
SE	2.2	3.0	1.1	.2								6.4	4.8
SSE	2.4	2.4	1.0	.2	.0							6.0	4.7
S	3.2	3.3	1.3	.4	.0	.0						8.2	4.9
SSW	.9	1.2	.9	.3	.0							3.3	5.9
SW	1.5	1.6	.7	.3	.0							4.1	5.3
WSW	.9	.9	.4	.1								2.2	4.7
W	1.4	1.4	.5	.0								3.4	4.3
WNW	.4	.5	.2	.0	.0							1.1	4.7
NW	.9	.8	.3	.0								2.1	4.3
NNW	.8	.7	.3	.0				.0				1.7	4.3
VARBL													
CALM												36.7	
	23.6	26.5	10.8	2.1	.1	.0		.0				100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 15624

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**URFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.6	3.8	1.7	.4	.0	.0	.0					8.6	5.3
NNE	1.8	2.5	1.6	.4	.0							6.3	5.6
NE	2.2	4.1	2.2	.5	.0							9.1	5.6
ENE	1.3	2.0	.9	.2	.0							4.4	5.2
E	2.1	3.1	1.0	.3	.0							5.4	5.0
ESE	1.1	1.4	.6	.1	.0							3.2	5.4
SE	2.0	2.9	1.1	.2	.0							6.2	4.9
SSE	1.6	1.9	.7	.2	.0							4.4	4.8
S	1.7	2.0	1.1	.2	.0	.0						5.0	5.2
SSW	.5	.6	.4	.1								1.6	5.5
SW	.8	.7	.3	.0	.0							1.8	4.6
WSW	.5	.4	.2	.1								1.1	4.7
W	.8	.5	.3	.1	.0							1.7	4.7
WNW	.5	.5	.2	.0	.0							1.3	4.6
NW	1.0	.8	.4	.1	.0	.0						2.4	5.0
NNW	.9	1.0	.5	.2	.0	.0	.0					2.6	5.4
VARBL													
CALM												33.7	
	21.5	28.2	13.3	3.0	.2	.0	.0					100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 15840

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

ALL  
MOBS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.5	4.3	2.8	.7	.1	.0						10.4	5.9
NNE	1.5	2.2	1.5	.4	.0			.0				3.7	5.8
NE	1.7	2.7	1.4	.2	.0							6.0	5.4
ENE	1.1	1.3	.8	.1								3.3	5.0
E	1.7	2.1	.7	.0								4.5	4.5
ESE	.9	1.4	.7	.1								3.1	5.1
SE	1.8	2.7	1.4	.3	.0							6.1	5.3
SSE	1.5	1.9	1.1	.3	.0							4.8	5.5
S	1.6	1.7	1.1	.3	.0							4.8	5.5
SSW	.5	.6	.4	.1	.0							1.6	5.7
SW	.5	.7	.3	.0	.0							1.6	5.1
WSW	.5	.4	.2	.1	.0							1.2	4.9
W	1.1	.9	.4	.1	.0	.0						2.4	4.8
WNW	.9	.7	.4	.2	.0							2.2	5.4
NW	1.4	1.4	1.2	.4	.1	.0						4.4	6.0
NNW	1.2	1.4	1.2	.5	.1	.0						4.4	6.4
VARBL													
CALM												33.4	
	20.5	26.3	15.4	3.9	.4	.0		.0				100.0	3.7

4.9

TOTAL NUMBER OF OBSERVATIONS

16365

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEARS

NOV  
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	≥55	%	MEAN WIND SPEED
N	1.4	3.6	2.8	1.3	.1	.0						9.1	6.8
NNE	.8	1.7	1.8	.5	.0							4.7	6.7
NE	1.2	2.4	1.4	.4	.0							5.5	5.8
ENE	.8	1.3	.6	.1								2.8	5.2
E	1.4	1.9	.6	.1								4.0	4.7
ESE	.9	1.3	.5	.1								2.8	4.8
SE	1.6	3.1	1.8	.5	.1	.0	.0					7.2	6.1
SSE	1.6	2.3	1.7	.6	.1	.0						6.4	6.2
S	1.5	2.4	2.5	1.3	.2	.0						7.9	7.2
SSW	.6	.8	1.1	.5	.1	.0						3.3	7.9
SW	.6	.9	.9	.5	.1	.0	.0					3.0	7.5
WSW	.6	.6	.5	.2	.0	.0						1.9	6.2
W	1.3	1.3	.8	.2	.0	.0						3.7	5.5
WNW	.7	.9	.7	.2	.0	.0	.0					2.6	6.4
NW	1.2	1.7	1.9	.9	.2	.0						5.8	7.3
NNW	.9	1.6	1.8	.9	.1	.0						5.2	7.4
VARBL													
CALM												24.2	
	17.1	27.9	21.3	8.2	1.0	.2	.0					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 15840

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/HAC

# SURFACE WINDS

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

13934  
STATION

ENGLAND AFD LOUISIANA/ALEXANDRIA  
STATION NAME

43-44, 52-70  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.5	2.5	.9	.0							7.1	6.9
NNE	1.0	1.7	1.7	.4	.1	.0						4.9	6.6
NE	1.3	2.7	2.2	.4	.0							6.5	6.1
ENE	1.0	1.4	.8	.1								3.3	5.2
E	1.6	2.2	1.0	.3								9.1	5.2
ESE	1.2	1.7	.8	.2	.0	.0						3.9	5.2
SE	1.9	3.2	1.8	.3	.0							7.1	5.5
SSE	1.1	2.0	1.5	.4	.0	.0						5.1	6.2
S	1.6	2.6	2.7	1.1	.2	.0	.0					8.3	7.1
SSW	.5	.9	1.0	.5	.1	.0						3.0	7.8
SW	.5	1.3	.7	.4	.1	.0						3.1	7.0
WSW	.5	.8	.5	.2	.1	.0						2.0	6.9
W	.9	1.4	1.0	.4	.2	.0						3.9	6.7
WNW	.6	1.2	1.0	.5	.1	.0						3.6	7.4
NW	1.0	2.2	1.9	1.0	.2	.0	.0					6.3	7.5
NNW	.6	1.6	1.4	.7	.1	.0						4.5	7.6
VARBL													
CALM												22.2	
	16.3	29.5	22.6	8.0	1.3	.2	.0					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

15620

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934

ENGLAND AFB LOUISIANA/ALEXANDRIA

44-45, 53-70

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-0200

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.8	2.4	.7	.1							7.5	6.5
NNE	.7	2.4	1.5	.2								4.8	6.0
NE	1.0	2.5	1.6	.7	.1							5.8	6.5
ENE	.8	1.7	.8	.1								3.3	5.3
E	1.0	1.6	.6									3.3	4.8
ESE	1.2	1.7	.5	.1								3.4	4.6
SE	1.3	3.0	1.5	.6								6.4	5.9
SSE	1.6	2.2	.9	.3								4.9	5.2
S	1.5	3.3	2.4	.8	.1							8.1	6.4
SSW	.7	.5	.8	.1								2.1	5.7
SW	.9	1.2	.5	.1								2.7	5.5
WSW	.3	.5	.4	.1								1.2	6.0
W	.9	.9	1.0	.9								3.6	7.7
WNW	.9	1.1	.5	.5								3.1	6.3
NW	.8	1.8	1.8	1.5	.2	.1						6.2	8.3
NNW	.9	1.7	1.1	.8	.1							4.5	6.7
VARBL													
CALM												29.1	
	15.4	29.0	18.1	7.5	.5	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

1860

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 53-70  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURLY (L.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.8	2.7	.9	.1							8.0	6.6
NNE	1.1	1.7	2.1	.2								5.1	6.1
NE	1.0	2.4	2.2	.4								5.9	6.4
ENE	.6	1.6	.4	.2								2.8	5.4
E	1.3	1.8	.4	.2								3.7	4.7
ESE	1.3	2.2	.6	.2	.1							4.3	5.0
SE	2.5	3.0	1.5	.2								7.2	4.9
SSE	1.9	1.6	1.0	.3								4.7	5.1
S	1.1	1.8	2.4	.6	.1							6.0	6.8
SSW	.3	.4	.4	.4								1.5	7.6
SW	.5	1.0	.5	.1	.1							2.3	6.2
WSW	.5	.3		.2								.9	4.3
W	1.3	1.1	.7	.6								3.8	5.0
WNW	.5	1.0	1.1	.6								3.4	7.5
NW	1.2	1.8	2.5	.8	.1							6.3	7.1
NNW	.9	1.3	1.4	.5								4.1	6.6
VARBL													
CALM												30.0	
	17.7	25.8	19.8	6.3	.4							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

1860

0  
2  
C

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 53-70  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.9	2.4	1.2	.1							8.1	7.1
NNE	.6	2.1	1.5	.5	.1							4.8	6.5
NE	.6	2.6	2.6	.7								6.6	6.7
ENE	1.1	1.8	1.0	.1								4.0	5.5
E	1.9	2.1	1.4	.1								5.5	5.1
ESE	1.3	2.4	.9	.1								4.6	4.8
SE	2.2	3.4	1.3	.2								7.1	4.9
SSE	1.5	1.6	.6	.2								3.9	4.8
S	.8	1.9	1.9	.6	.1							5.3	7.1
SSW	.4	.4	.9	.3								2.0	6.8
SW	.7	.4	.4	.2	.1							1.8	6.2
WSW	.2	.5	.2	.1								.9	6.5
W	.8	1.3	1.3	.6								4.0	6.9
WNW	.8	1.0	.9	.4								3.1	6.2
NW	.6	1.8	2.0	.8	.1							5.1	7.5
NNW	1.0	1.6	2.2	.8								5.6	6.9
VARBL													
CALM												27.6	
	16.2	27.5	21.6	6.8	.4							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 1860

1  
2  
3  
4  
5  
6  
7  
8  
9  
0  
1  
2  
3  
4  
5  
6  
7  
8  
9  
0

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME 44-45, 53-70 YEARS JAN NORTH  
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.6	3.1	1.7	.4							8.8	8.1
NNE	.4	1.9	2.3	.9								5.7	7.3
NE	.8	2.2	3.1	.7								6.8	7.0
ENE	.9	1.9	1.5	.1								4.3	5.7
E	1.6	3.5	2.1	.1								7.3	5.4
ESE	1.1	2.6	2.0	.2								5.9	5.8
SE	1.7	3.9	2.7	.5	.1	.1						8.9	6.1
SSE	1.1	3.2	1.7	.6	.1							6.6	6.3
S	.9	1.9	2.4	1.7	.2	.2						7.4	8.7
SSW	.3	.6	.8	.3	.2							2.2	8.1
SW	.3	.8	.8	.8	.5	.1						3.3	10.0
WSW	.3	.4	.3	.2	.1	.1						1.2	7.7
W	.4	.7	1.5	.8								3.4	8.2
WNW	.4	1.0	1.0	.6	.1							3.0	7.7
NW	.5	1.8	1.9	1.8	.2							6.2	8.5
NNW	.4	1.6	2.4	1.6	.1							6.0	8.6
VARBL													
CALM												13.0	
	12.0	30.6	29.8	12.4	1.8	.4						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 1860

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

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

**SURFACE WINDS**

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 53-70  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	2.3	4.6	1.7	.1							9.4	8.2
NNE	.7	1.7	2.1	.6	.2							5.2	7.5
NE	.7	2.4	1.8	.5								5.4	6.4
ENE	1.0	1.8	1.1	.1								3.9	5.6
E	1.3	2.4	1.4	.1								5.2	5.4
ESE	.6	2.0	1.3	.2								4.1	5.8
SE	.9	3.0	3.8	.6	.1							8.2	7.0
SSE	.7	1.9	2.0	1.2	.3	.1						6.2	8.5
S	1.0	2.5	2.6	2.3	.3	.3	.1					9.1	9.2
SSW	.2	.7	1.6	1.4	.3	.1	.1					4.2	10.6
SW	.2	1.1	1.4	.9	.5							4.2	9.3
WSW	.2	.8	.8	1.1		.1						2.8	8.9
W	1.0	1.2	2.3	.8	.1	.1	.1					5.4	7.7
WNW	.4	1.2	1.6	.5	.2	.2						4.0	8.6
NW	.7	1.7	3.2	2.2	.2							8.0	8.8
NNW	.2	1.3	2.6	1.3	.2							5.8	9.2
VARBL													
CALM												8.8	
	10.6	27.8	34.0	15.5	2.3	.8	.2					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

1860

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 13934 STATION NAME ENGLAND AFB LOUISIANA/ALEXANDRIA YEARS 44-45, 53-70 MONTH JAN  
 CLASS ALL WEATHER HOUR (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	.6	2.5	4.2	1.6	.3							9.2	8.3
NNE	.6	2.2	2.2	.5	.1							5.6	7.0
NE	.7	3.1	1.8	.0								6.2	6.5
ENE	.3	1.9	1.2	.2								3.9	6.5
E	1.0	2.4	1.6	.3								5.3	5.7
ESE	.6	2.0	1.0	.1								3.7	5.3
SE	1.0	2.6	2.8	.6	.1							7.1	6.8
SSE	1.1	2.5	1.7	.8	.3							6.3	7.2
S	1.5	2.9	4.2	1.9	.5	.2	.1					11.2	8.3
SSW	.8	1.7	1.5	1.0	.1							5.1	7.7
SW	.4	1.0	1.2	.6	.1							3.3	7.8
WSW	.3	.6	.6	.4	.1							1.9	7.6
W	.5	1.1	1.8	.9	.2	.1						4.6	8.7
WNW	.2	1.3	1.1	1.2	.2	.1						4.2	8.6
NW	.6	2.8	3.5	1.7	.1							8.8	8.1
NNW	.5	1.5	2.2	1.5	.2							5.9	8.3
VARBL													
CALM												7.9	
	10.8	32.4	32.6	13.9	7.0	.3	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 1860

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 53-70  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	4.1	3.4	1.0	.1							9.8	6.9
NNE	.7	2.7	2.0	.4	.1							6.0	6.5
NE	1.0	3.7	1.6	.6	.1							6.9	6.1
ENE	1.2	2.0	.9	.1								4.2	4.9
E	2.1	1.1	.8	.1								4.1	4.3
ESE	.9	1.3	.5	.1								2.8	4.7
SE	1.2	2.2	3.0	.5								6.9	6.5
SSE	1.7	2.8	1.6	.6	.1							6.7	5.9
S	1.8	3.4	3.2	1.1	.2		.1					11.8	6.6
SSW	.5	1.3	.9	.6	.1		.1					3.4	7.4
SW	.5	.8	.4									1.8	4.9
WSW	.3	.4	.4	.2								1.3	7.3
W	.6	.9	.6	.3	.2							2.6	7.1
WNW	1.0	.9	.8	.4	.3							3.3	7.2
NW	.8	2.0	2.0	1.2	.1							6.1	7.7
NNW	1.0	2.3	1.3	1.0								5.6	6.9
VARBL													
CALM												16.6	
	16.5	34.1	23.4	8.2	1.1		.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

1859

2

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45,53-70  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.5	2.6	.4	.1							6.7	6.7
NNE	1.2	2.1	1.2	.6	.1							5.2	6.2
NE	1.8	3.3	2.0	.5								7.6	5.9
ENE	1.0	1.5	1.0	.1								3.5	5.3
E	1.0	1.6	1.2	.2								4.0	5.7
ESE	.4	1.1	.6									2.2	5.0
SE	1.4	2.7	2.4	.7								7.2	6.2
SSE	1.1	2.7	1.7	.7								6.2	6.3
S	2.0	3.8	2.6	.8	.2							9.3	6.4
SSW	.3	1.2	.9	.3								2.7	6.4
SW	.6	1.0	.9	.3		.1						2.8	6.5
WSW	.8	.6	.4	.2	.1							2.1	6.4
W	.8	.8	.6	.4	.2							2.7	7.1
WNW	.4	.4	.5	.6	.3							2.3	9.2
NW	1.0	1.9	1.9	1.3	.3							6.4	7.8
NNW	.7	1.7	1.1	.7								4.2	6.7
VARBL													
CALM												24.7	
	15.5	29.1	21.7	7.8	1.1	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

1860

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 53-70  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) D.I.R.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.1	2.7	1.6	.1							8.0	7.2
NNE	1.1	2.1	2.2	.6								6.0	6.7
NE	1.4	1.9	1.5	.1								4.9	5.5
ENE	1.0	1.8	.7	.1								3.6	5.1
E	1.1	2.2	1.1	.1								4.5	5.1
ESE	.8	1.2	.6	.2								2.8	5.4
SE	1.8	2.2	1.2	.1								5.3	5.0
SSE	1.2	.7	1.5	.8	.1							4.3	7.4
S	1.4	3.3	2.5	1.2	.4	.2						9.0	7.6
SSW	.8	1.7	1.5	1.3	.1	.1						5.3	7.7
SW	.8	2.1	.8	.4								4.2	6.2
WSW	.5	.6	.4	.2								1.6	5.7
W	.8	1.2	.6	.4	.2							3.1	6.4
WNW	.6	.8	.6	.2	.2	.1						2.3	7.6
NW	.9	1.0	1.6	.9	.4	.1						4.9	8.4
NNW	.7	1.2	.9	.6	.1							3.0	7.1
VARBL													
CALM												26.5	
	16.2	26.2	20.4	8.8	1.4	.5						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

1695

1  
2

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45,53-70  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.3	2.9	.7								8.8	6.2
NNE	1.0	1.7	2.2	.6								5.6	6.7
NE	1.4	2.3	2.0	.1								5.8	5.8
ENE	1.1	1.3	1.0									3.4	5.1
E	1.1	2.1	.8	.1								4.1	5.1
ESE	1.2	1.3	.3	.1								2.9	4.3
SE	1.4	2.9	.0	.4								5.5	5.4
SSE	1.2	1.6	.6	.6		.1						4.1	6.0
S	.5	2.8	1.7	1.3	.2							6.3	7.9
SSW	.5	1.1	1.1	.7	.1							3.5	7.6
SW	.8	1.2	1.6	.2	.1							3.8	6.6
WSW	1.4	.7	.4	.1								2.5	4.2
W	1.4	1.2	.3	.4	.1							3.7	5.6
WNW	.6	.6	.8	.6	.1	.1						2.8	8.3
NW	.8	.8	1.4	.7	.1	.1						3.8	7.9
NNW	.8	1.1	1.2	.8		.1						4.0	7.2
VARBL													
CALM												28.8	
	17.1	26.0	19.5	7.7	.6	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

1695

C  
2  
C

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

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

**SURFACE WINDS**

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 53-70  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.2	3.3	.7								8.8	6.6
NI	1.4	2.0	1.7	.8	.1							6.0	6.7
NE	.9	2.2	2.2	.4								5.7	6.4
ENE	1.1	2.2	1.4	.1								4.8	5.4
E	1.4	2.5	1.1	.2								5.1	5.3
ESE	1.1	1.2	.9	.1								3.4	5.2
SE	1.5	3.5	1.0	.4	.1							6.5	5.3
SSE	1.3	1.4	.6	.3	.1	.1						3.7	5.9
S	.8	1.8	2.1	1.4	.2							6.2	8.0
SSW	.4	.9	.6	.9	.1							2.9	8.3
SW	1.0	1.0	1.2	.4								3.5	6.1
WSW	.5	1.1	.4	.1								1.9	5.1
W	1.4	1.1	.5	.3								3.3	5.1
WNW	.6	.8	.5	.5								2.5	6.6
NW	1.2	.9	1.7	.6	.2	.1						4.8	7.7
NNW	.7	.8	1.6	.7	.1							3.9	7.8
VARBL													
CALM												26.9	
	16.7	26.7	20.8	7.7	.9	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

1694

2

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 53-70  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.6	2.9	1.4	.1		.1					7.4	8.1
NNE	.4	1.2	2.8	1.3	.1							5.8	8.4
NE	.6	2.2	3.1	.9								6.8	7.3
ENE	.4	1.7	2.5	.1								4.7	6.7
E	.9	2.8	2.7	.6	.1							7.2	6.6
ESE	.9	2.6	1.4	.2	.1							5.3	6.0
SE	1.7	3.5	2.8	.5	.2							8.7	6.5
SSE	1.4	1.8	1.8	.8	.2							6.0	7.1
S	1.2	1.5	2.4	1.8	.5	.1						7.4	9.0
SSW	.3	.6	.9	1.3	.4	.1						3.6	10.4
SW	.8	1.4	1.6	1.1	.5							5.4	8.7
WSW	.5	.8	.9	.8	.1							3.1	8.0
W	.8	1.5	1.5	.4	.1							4.2	6.7
WNW	.5	.9	.8	.9	.3							3.4	8.7
NW	.4	1.8	1.5	1.4		.1						5.1	8.2
NNW	.4	1.2	2.4	.9	.2							5.0	8.5
VARBL													
CALM												10.9	
	11.5	28.3	32.0	14.4	2.7	.3	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

1695

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 53-70  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.2	3.2	1.4								7.5	8.1
NNE	.8	1.7	2.8	.9								6.2	7.4
NE	.6	2.1	2.2	.5	.1							5.4	7.0
ENE	.8	1.6	2.2	.4								5.0	6.7
E	1.1	2.2	3.3	.5								7.1	6.6
ESE	.7	1.9	1.2	.6								4.4	6.3
SE	.8	2.5	1.7	.7	.1	.2	.1					6.1	7.7
SSE	.6	1.0	1.5	.9	.4	.1						4.4	8.9
S	.6	2.6	3.5	3.1	1.1	.4						11.4	10.2
SSW	.2	.5	1.4	1.9	.2							4.2	10.9
SW	.7	.9	2.0	1.7	.4	.3						6.1	10.1
WSW	.5	1.1	1.5	.6	.2							4.0	8.3
W	.6	2.2	2.4	1.4	.1							6.9	7.7
WNW	.2	.6	.9	1.1	.3							3.1	10.1
NW	.2	1.1	2.2	1.8	.4							5.8	9.9
NNW	.1	2.3	2.2	1.5	.1	.1						6.3	8.5
VARBL													
CALM												6.1	
	9.7	26.6	34.2	18.8	3.5	1.0	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

1695

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45,53-70  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	2.5	3.7	1.7	.1							8.3	8.5
NNE	.5	1.5	2.8	1.1								5.9	7.9
NE	.6	2.2	2.5	.4	.1							5.7	6.7
ENE	.5	1.8	1.9									4.2	6.0
E	1.4	3.7	2.4	.3								7.7	5.8
ESE	.6	2.2	1.0	.4	.1							4.3	6.2
SE	.5	1.5	1.8	.5	.1	.1						4.5	7.5
SSE	.6	1.4	1.0	.5	.5	.2						4.3	9.0
S	.6	2.7	3.5	3.5	.7	.3						11.5	9.9
SSW	.4	1.2	1.5	2.3	.6	.3						6.3	11.1
SW	.5	1.0	1.4	1.1	.2	.1						4.1	8.7
WSW	.5	.5	.9	.6	.2							2.7	8.2
W	.8	1.3	2.2	.9		.1						5.4	7.9
WNW	.5	1.1	1.5	.7	.2	.2						4.3	8.8
NW	.4	1.7	2.8	2.7	.5	.1						8.0	9.9
NNW	.4	1.3	2.7	1.6	.3	.1						6.3	9.4
VARBL													
CALM												6.6	
	9.1	27.7	33.5	18.2	3.5	1.4						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 1694

0  
2  
0

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 53-70  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.9	2.4	1.4	.1							8.0	7.1
NNE	1.1	2.5	2.0	.6	.1							6.3	6.4
NE	1.9	3.4	1.7	.6	.1							7.7	5.8
ENE	1.4	2.5	1.1	.1								5.1	4.9
E	1.8	2.1	.6	.3	.1							4.9	5.1
ESE	.7	.7	.6	.2	.1							2.2	6.1
SE	1.2	2.5	.6	.7	.1							5.1	6.0
SSE	.6	2.1	1.7	1.0	.2	.1						5.7	7.9
S	1.2	4.7	4.8	1.1	.4							12.2	7.4
SSW	1.0	1.1	1.2	.9	.4							4.5	6.3
SW	.5	.7	.5	.4								2.0	6.6
WSW	.5	.2	.4	.1	.1							1.3	6.0
W	.8	.6	.8			.1						2.4	6.0
WNW	.6	1.4	1.2	.4	.1	.1						3.9	7.6
NW	1.0	2.0	2.0	.6	.4	.1						6.0	7.6
NNW	.6	1.9	1.3	.8	.2							4.8	7.2
VARBL													
CALM												17.9	
	16.2	31.3	23.1	9.1	2.1	.4						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

1695

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 53-70  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.8	2.2	1.1	.1							7.4	6.8
NNE	1.0	2.3	1.6	.6								5.5	6.5
NE	1.1	3.4	1.2	.4								6.2	5.8
ENE	.8	2.7	.6	.1								4.2	5.0
E	1.2	2.3	1.1									4.6	5.1
ESE	.5	1.0	.8	.4								2.7	5.5
SE	1.4	1.4	.9	.6	.1							4.4	6.5
SSE	.9	1.2	1.9	.1	.1	.1						5.1	7.8
S	1.3	3.5	3.7	1.4	.4							10.4	7.5
SSW	1.2	2.2	1.7	1.0	.2							6.3	7.3
SW	.3	1.1	1.2	.2	.1							2.8	7.3
WSW	.4	.2	.4									1.0	5.6
W	1.1	.5	.9	.3	.1	.1						2.8	6.9
WNW	.5	1.2	1.0	.6	.1							3.5	7.9
NW	1.1	1.8	1.7	.7	.1	.1						5.4	7.0
NNW	.4	1.5	.8	.7								3.4	7.2
VARBL													
CALM												24.1	
	14.3	29.1	21.9	9.1	1.2	.2						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1695

0  
2  
C

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 53-70  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	.-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.7	1.9	.3	.1	.1						5.0	6.9
NNE	.8	1.9	1.3	.2								4.1	5.6
NE	1.0	2.4	1.4	.2								4.9	5.6
ENE	1.6	1.2	.8	.2								3.9	4.8
E	1.3	1.2	.9	.1								3.3	5.1
ESE	.6	.8	.2	.2								1.8	4.9
SE	1.5	2.7	2.0	.5	.1	.1						6.8	6.1
SSE	1.7	2.2	1.7	.5	.2							6.3	6.3
S	2.2	3.3	3.7	1.7	.4							11.2	7.3
SSW	1.0	1.5	1.0	1.1	.1	.1						4.8	7.7
SW	1.5	1.0	1.1	.5								4.0	6.1
WSW	.5	.5	.1									1.1	3.8
W	1.2	1.1	.5	.3	.1							3.2	5.4
WNW	.5	1.1	.6	.5	.1							2.8	7.4
NW	.9	1.1	2.1	.9								4.9	7.4
NNW	1.1	1.3	1.3	.5	.1							4.4	6.6
VARBL													
CALM												27.1	
	16.3	25.1	20.5	7.7	1.1	.3						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 1860

C  
2  
C

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 53-70  
YEARS

MAR  
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	.9	1.7	1.9	.3	.1	.1						5.0	6.9
NNE	.8	1.9	1.3	.2								4.1	5.6
NE	1.0	2.4	1.4	.2								4.9	5.6
ENE	1.6	1.2	.8	.2								3.9	4.8
E	1.3	1.2	.9	.1								3.5	5.1
ESE	.6	.8	.2	.2								1.8	4.9
SE	1.5	2.7	2.0	.5	.1	.1						6.8	6.1
SSE	1.7	2.2	1.7	.5	.2							6.3	6.3
S	2.2	3.3	3.7	1.7	.4							11.2	7.3
SSW	1.0	1.5	1.0	1.1	.1	.1						4.8	7.7
SW	1.5	1.0	1.1	.5								4.0	6.1
WSW	.5	.5	.1									1.1	3.8
W	1.2	1.1	.5	.3	.1							3.2	5.4
WNW	.5	1.1	.6	.5	.1							2.8	7.4
NW	.9	1.1	2.1	.9								4.9	7.4
NNW	1.1	1.3	1.3	.3	.1							4.4	6.6
VARBL													
CALM												27.1	
	18.3	25.1	20.5	7.7	1.1	.3						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 1860

1 DATA PROCESSING DIVISION  
2 ETAC/USAF  
AIR WEATHER SERVICE/HAC

### SURFACE WINDS

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45,53-70  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	3.0	1.4	.6	.1	.1						7.2	6.0
NNE	.8	2.3	1.3	.4								4.8	5.9
NE	1.7	2.4	1.3	.2								5.5	5.1
ENE	.6	1.1	.3	.2								2.3	5.5
E	1.5	2.3	.7	.1								4.5	4.6
ESE	1.4	1.1	.2	.1	.1							2.9	4.3
SE	1.9	3.1	.9	.3								6.2	5.0
SSE	1.4	2.6	.9	.6								5.5	5.9
S	1.8	2.7	3.2	1.5	.2	.1						9.3	7.3
SSW	.5	1.2	1.3	.5	.1	.1						3.8	7.6
SW	.5	1.2	.8	.3								3.0	6.2
WSW	.9	.6	.4	.1	.1							2.1	5.5
W	1.1	1.2	.9	.2	.1							3.4	5.6
WNW	.3	.8	1.5	.3								2.8	7.3
NW	.7	1.8	1.5	.9	.1	.1						5.1	7.7
NNW	.8	1.4	1.2	.3		.1						3.7	6.5
VARBL													
CALM												28.1	
	18.0	28.8	17.7	6.4	.8	.3						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 1860

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 53-70

MAR  
MONTH

ALL WEATHER

0600-0800

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	2.5	2.2	.4	.1							6.2	6.7
NNE	.8	1.6	1.5	.3								4.1	6.3
NE	1.0	2.0	1.7	.5	.1							5.3	6.7
ENE	.8	1.8	1.1	.2	.1							3.9	5.8
E	2.3	3.3	1.5	.2								7.3	5.1
ESE	1.2	2.0	.7	.2								4.1	5.1
SE	1.8	4.1	2.2	.5	.1							8.6	5.8
SSE	1.7	1.8	1.3	.4	.1							5.4	5.9
S	1.7	2.3	3.1	1.3	.3	.1						8.7	7.4
SSW	.6	.9	.8	.5		.1						2.9	7.6
SW	.7	1.0	.9	.5	.1							3.2	6.8
WSW	.5	.4	.3	.2								1.3	5.8
W	.6	1.4	1.2	.2								3.4	6.3
WNW	.5	.8	.8	.2	.1							2.3	6.4
NW	.8	1.5	2.2	1.1	.1							5.5	7.9
NNW	.8	1.4	1.5	.4	.2							4.4	7.2
VARBL													
CALM												23.4	
	16.6	28.9	22.8	7.2	1.1	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

1860

C  
2

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 53-70  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	2.7	2.4	.5	.1							6.3	6.9
NNE	.3	1.2	2.0	.8	.1							4.5	7.9
NE	.6	1.6	2.0	.6								4.8	7.0
ENE	1.0	1.6	1.7	.4	.1							4.7	6.5
E	1.1	3.2	2.5	.2								7.0	6.0
ESE	.4	2.8	2.5	.2	.1							5.9	6.6
SE	1.6	3.7	5.3	1.2	.1	.1						11.9	7.2
SSE	1.2	3.0	2.0	1.1	.3	.3						7.9	7.7
S	1.0	2.0	3.5	2.4	.9	.3	.1					10.2	9.8
SSW	.6	.9	1.8	1.3	.4	.2						5.2	9.7
SW	.4	1.3	1.6	.9	.1	.1						4.4	8.2
WSW	.5	.4	.6	.2								1.7	6.2
W	.9	.7	1.6	.8	.2							4.0	7.6
WNW	.4	.6	1.1	.5	.2							2.5	8.2
NW	.3	1.4	3.1	1.7	.4	.1						7.0	9.6
NNW	.4	1.0	1.8	1.3	.1							4.6	8.8
VARBL													
CALM												6.9	
	11.5	28.1	35.5	14.2	2.8	.9	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 1860

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 53-70  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.0	2.1	1.4	.1							6.1	7.8
NNE	.4	1.0	1.6	.3								3.3	7.1
NE	.5	2.1	2.1	.3								5.0	6.6
ENE	.5	.9	1.2	.1								2.6	6.1
E	.8	2.4	1.9	.3	.1							5.4	6.2
ESE	.5	2.3	2.0	.5								5.3	6.8
SE	1.0	3.0	3.4	1.1	.5	.1	.1					9.2	8.1
SSE	.7	1.9	2.3	1.6	.5	.2						7.1	9.1
S	.7	2.2	4.4	4.0	1.3	.4	.2					13.2	10.8
SSW	.3	1.2	1.5	1.6	.6	.5	.1					5.8	11.1
SW	.4	1.3	1.9	.9	.3	.1						4.9	9.0
WSW	.3	.8	.9	.3		.1						2.4	7.8
W	.8	1.2	1.6	1.1	.3	.1						5.0	8.7
WNW	.3	1.5	1.6	1.7	.2	.1						5.4	9.3
NW	.5	2.0	3.4	2.5	.6	.2						9.2	9.7
NNW	.4	1.1	2.0	1.3								4.8	8.5
VARBL													
CALM												5.4	
	8.5	26.7	33.8	19.0	4.5	1.7	.3					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 1860

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 53-70  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	2.4	1.0		.1						6.0	7.7
NNE	.4	1.0	1.4	.6								3.4	7.5
NE	.8	2.0	1.3	.3								4.5	6.0
ENE	.6	1.4	1.5	.2								3.7	6.2
E	.7	3.1	1.9	.1								5.8	6.0
ESE	.8	1.9	1.5	.3								4.5	6.2
SE	1.1	2.2	2.5	1.1	.2	.1						7.0	7.4
SSE	.6	1.5	2.5	1.6	.3	.2						6.7	9.4
S	.7	2.8	6.0	4.5	1.1	.3	.1					15.4	10.2
SSW	.1	1.2	3.1	2.2	1.1	.3						7.9	11.3
SW	.4	.9	1.1	.8	.3	.1						3.3	9.4
WSW	.4	.2	.7	.3		.1	.1					1.6	8.3
W	.6	1.7	.9	1.1	.3	.1						4.7	8.5
WNW	.4	1.0	1.3	1.1	.5	.1						4.4	9.7
NW	.6	2.0	3.3	3.4	.6	.1						10.1	9.9
NNW	.8	1.9	2.3	1.1	.2							6.3	7.8
VARBL												4.4	
CALM													
	9.7	26.7	33.7	19.6	4.5	1.2	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

1860

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME 44-45, 53-70 YEARS MAR MONTH 1800-2000 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	.2	2.5	1.5	.5								5.3	6.3
NNE	.5	1.4	1.6	.3								5.8	6.5
NE	1.3	2.3	1.4	.3								5.3	5.7
ENE	1.1	1.5	1.1	.2								3.9	5.5
E	1.7	2.6	1.0	.2								5.5	5.0
ESE	.7	1.3	.9	.2								3.0	5.9
SE	.9	2.7	2.3	.8	.3	.1						7.1	7.4
SSE	1.3	2.2	1.8	1.1	.3							6.7	7.4
S	2.7	6.0	5.9	4.0	.6	.1						19.4	7.9
SSW	1.0	1.6	2.3	.7	.3							5.9	7.7
SW	.4	.5	.4	.2								1.6	6.4
WSW	.5	.1	.1									.6	3.1
W	.5	1.0	.4	.4	.1		.1	.1				2.5	8.2
WNW	.6	1.1	1.1	.6	.1	.1						3.7	7.7
NW	1.5	2.4	2.5	1.5	.3	.1						8.2	7.7
NNW	1.3	1.4	1.9	.8	.1	.1						5.4	7.1
VARBL													
CALM												12.2	
	17.0	30.5	26.1	11.7	2.0	.4	.1	.1				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 1860

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 53-70  
YEARS

MAR  
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	.9	1.6	1.5	.5		.1						4.5	6.7
NNE	.5	1.7	1.2	.1								3.5	6.0
NE	.9	2.0	1.3	.4								4.7	6.0
ENE	1.4	2.2	1.4	.1								5.1	5.4
E	1.1	1.3	.6	.2								3.2	5.1
ESE	.2	.8	.9	.2	.1							2.2	7.1
SE	1.2	2.6	2.3	.9	.1							7.0	6.9
SSE	1.6	2.6	1.8	.8	.2							7.1	6.5
S	2.7	5.4	5.4	2.2	.5							16.1	7.2
SSW	.9	2.8	1.6	1.0	.3							6.6	7.3
SW	.5	1.0	.3	.1								1.9	5.2
WSW	.4	.2	.1	.2								.8	6.1
W	.4	.9	.7	.3								2.5	7.2
WNW	.5	.9	.4	.5	.2	.1						2.6	8.3
NW	.9	1.5	2.0	1.0	.1							5.4	7.6
NNW	1.1	1.1	1.7	.5	.2							4.5	6.9
VARBL												22.5	
CALM													
	15.2	28.6	22.3	9.0	1.5	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1859

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

APR  
NORTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	1.5	1.3	.2								4.4	5.6
NNE	.9	.8	.7		.1							2.4	5.8
NE	.8	.6	.3	.1								1.7	4.8
ENE	.7	1.1	.5	.1								2.4	5.0
E	.9	2.1	.8	.1								3.8	5.2
ESE	1.1	1.8	.3	.3								3.4	5.0
SE	2.7	4.7	1.8	.5		.1						9.8	5.3
SSE	2.7	2.9	2.0	1.3	.2	.1						9.1	6.6
S	3.9	5.3	4.7	.9	.1							14.8	5.9
SSW	.9	1.5	.8	.3	.1							3.6	6.3
SW	.9	1.6	.7	.3								3.6	5.7
WSW	1.1	.5	.3	.1								2.1	4.3
W	1.0	.6	.5	.2	.1							2.3	5.5
WNW	.2	.2	.4	.3	.1							1.2	9.0
NW	.9	1.9	.8	.2	.1	.1						3.8	6.2
NNW	1.0	1.1	.5	.3	.1	.1						3.1	6.1
VARBL													
CALM												28.3	
	21.1	28.2	16.3	5.1	.8	.2						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 1846

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.1	1.2	.2								5.0	5.3
NNE	1.0	.8	.9	.3	.2							3.1	6.6
NE	.7	1.4	.6	.2			.1					2.9	6.4
ENE	1.0	.8	.6	.1								2.4	5.0
E	1.1	2.3	.5	.1								4.0	4.8
ESE	1.9	1.8	1.0	.1								4.8	4.7
SE	2.6	3.5	1.9	.4								8.4	5.2
SSE	2.4	2.7	1.8	.8	.2	.1						8.0	6.2
S	3.0	5.2	4.1	.4								12.7	5.7
SSW	1.4	.7	.8	.2								3.0	5.1
SW	.9	.6	.9	.2								2.5	6.2
WSW	.6	.6	.2									1.4	4.1
W	1.2	.9	.4	.2	.1							2.7	5.2
WNW	.8	.7	.2	.1	.1							1.9	5.5
NW	.8	1.7	.6	.3			.1					3.5	6.2
NNW	.8	1.1	.6	.2								2.7	5.4
VARBL													
CALM												31.0	
	21.5	26.6	16.5	3.8	.5	.1	.1					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

1847

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13924  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.7	1.8	1.0		.1						5.7	7.0
NNE	.5	1.0	.6	.4	.2							2.7	7.7
NE	.9	1.1	1.4	.3								3.7	6.3
ENE	.5	1.5	1.6	.3	.1							4.0	6.8
E	1.7	3.2	1.0	.1	.1							6.0	5.0
ESE	1.0	1.8	1.9	.3	.1							5.1	6.4
SE	2.4	4.9	3.2	.6								11.1	5.8
SSE	2.7	4.2	3.5	.8	.2							11.4	6.1
S	2.7	4.2	3.4	.7	.1							11.0	6.1
SSW	.6	1.3	1.4	.3								3.5	6.3
SW	.1	1.0	.5	.4								2.7	6.2
WSW	.3	.5	.3	.1	.1							1.3	6.0
W	1.5	.9	1.0	.2		.1						3.6	5.7
WNW	.5	.7	.2	.4								1.8	6.6
NW	.7	1.3	.9	.2								3.1	6.1
NNW	.8	.9	.8	.3	.1							2.8	6.3
VARBL													
CALM												20.3	
	18.6	30.2	23.6	6.2	.8	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 1848

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.6	1.7	.5	.1							4.3	7.3
NNE	.4	1.0	1.4	.5	.1	.1						3.5	7.8
NE	.3	1.7	1.8	1.1	.1							5.0	8.2
ENE	.4	1.4	1.6	.6	.1	.1						4.1	7.6
E	1.0	2.9	2.5	.2								6.7	6.1
ESE	.4	2.1	1.6	.4	.1							4.7	7.2
SE	1.0	4.4	4.2	1.7	.1							11.4	7.3
SSE	.6	2.3	4.4	1.9	.6	.1	.1					10.0	9.2
S	1.4	4.2	7.7	2.7	.8	.1						16.9	8.5
SSW	.4	1.6	2.1	1.5	.3							6.0	8.7
SW	.6	1.7	1.7	.5	.2							4.8	7.5
WSW	.4	.8	.4	.5		.1						2.1	7.8
W	.5	1.2	1.2	.7	.1							3.8	7.7
WNW	.7	.6	.6	.8	.2							2.9	8.6
NW	.4	1.1	1.4	.4	.2							3.5	7.9
NNW	.2	.8	1.7	.5	.2							3.4	8.2
VARBL													
CALM												7.1	
	9.2	29.4	36.2	14.8	3.0	.3	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 1048

DATA PROCESSING DIVISION  
 BTAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-7C  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.7	1.8	.5	.1							4.5	7.1
NNE	.3	1.4	1.6	.3	.1	.1						3.7	7.5
NE	.8	2.6	1.9	.2	.1							4.5	5.6
ENE	.3	.9	1.1	.3								2.6	7.0
E	1.1	2.5	2.3	.6	.1							6.5	6.5
ESE	.5	1.5	1.4	.8								4.2	7.4
SE	.9	2.4	4.8	1.3	.4	.1						10.0	4.2
SSE	.5	2.3	4.0	2.8	.8	.1						10.4	9.7
S	.9	3.5	9.0	4.8	1.2	.3						19.6	9.7
SSW	.3	2.1	2.5	1.7	.4	.1	.1					7.0	9.2
SW	.3	1.5	2.1	.7		.1						4.7	8.2
WSW	.4	.6	1.0	.7	.1	.1						2.8	9.4
W	.4	1.1	1.5	1.0	.1	.1						4.2	8.8
WNW	.1	.6	1.3	.4	.2	.1						2.9	9.4
NW	.3	1.3	1.8	.7	.1	.1						4.3	8.2
NNW	.5	.6	1.9	.6	.2	.1						3.9	8.8
VARBL													
CALM												4.2	
	8.2	25.6	39.9	17.4	3.6	1.1	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 1848

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME 44-45,52-70 YEARS APR MONTH  
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.9	1.9	.4	.1							4.7	7.2
NNE	.5	.9	1.2	.4	.1							3.1	7.1
NE	.4	1.8	1.7	.2								4.1	6.5
ENE	.6	2.0	1.0	.2	.1							4.0	6.0
E	1.2	2.2	1.4	.4	.1							5.2	6.0
ESE	.4	1.7	1.8	.4								4.3	7.0
SE	.5	2.3	4.2	1.8	.2							8.9	8.5
SSE	.6	2.7	4.7	2.6	.4	.2						11.2	9.4
S	.4	4.4	9.3	5.4	1.0	.1						20.5	9.5
SSW	.5	2.3	3.2	1.8	.3	.2						8.5	8.9
SW	.2	.9	1.6	.6	.1	.1						3.5	8.5
WSW	.2	.3	1.4	.3	.1	.1						2.5	9.0
W	.6	.9	1.1	1.0	.1							3.7	8.1
WNW	.5	.6	1.0	.5	.2							2.8	8.2
NW	.4	1.0	2.9	1.0	.1	.1						5.5	8.7
NNW	.3	.8	1.7	1.0	.2	.1						4.2	9.3
VARBL													
CALM												3.8	
	7.8	26.8	40.0	18.0	2.8	.8						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 1848

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	2.1	1.5	.2	.1							4.5	6.0
NNE	1.0	1.0	.9	.3	.1							3.4	6.2
NE	.7	1.8	1.2	.2								3.8	5.8
ENE	.9	1.7	.8	.1								3.3	5.3
E	1.2	2.2	1.1	.2	.1							4.9	5.6
ESE	.4	1.2	.9	.3								2.9	6.6
SE	1.4	3.1	2.3	.8	.1							7.6	6.3
SSE	1.8	4.1	3.3	1.9	.2	.1						11.4	7.2
S	4.2	9.7	7.6	1.9	.3							24.2	6.4
SSW	1.4	1.9	2.1	.5	.1							6.1	6.6
SW	.6	.8	.4		.1							1.8	5.7
WSW	.5	1.0	.3		.1							1.8	5.1
W	.6	1.5	.5	.3								2.9	6.0
WNW	.2	.8	.5	.1		.1						1.7	7.1
NW	1.0	1.5	1.1	.1								3.7	5.3
NNW	.6	1.1	1.1	.4	.1							3.3	6.9
VARBL													
CALM												12.7	
	17.6	33.5	23.5	7.4	1.2	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 1848

2

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 52-70 YEARS APR MONTH  
 ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.9	.9	.4	.1							4.3	6.1
NNE	.6	.5	.3	.5								2.0	7.1
NE	1.4	1.5	.8	.3								4.0	5.4
ENE	1.1	1.7	.9	.1								3.7	5.1
E	1.4	1.0	.8	.2	.1							4.2	5.1
ESE	.6	1.2	1.6	.2	.1	.1						3.0	6.8
SE	1.0	3.0	2.0	.5	.1							6.6	6.4
SSE	3.4	3.8	2.4	1.1	.3							11.0	6.0
S	4.9	8.6	5.0	1.6	.5	.1						20.7	6.2
SSW	1.3	1.4	1.4	.3	.1							4.4	5.9
SW	.4	.8	.4	.2	.1							1.3	6.1
WSW	.5	.7	.1		.1							1.4	4.8
W	.9	1.0	.3	.2	.1							2.3	5.2
WNW	.7	.5	.3	.3	.1							1.9	6.7
NW	1.0	.8	.6	.3								2.8	3.7
NNW	.6	.7	.4	.1	.1							1.9	6.1
VARBL													
CALM												23.1	
	20.8	30.1	18.3	6.1	1.5	.2						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 1848

2

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME 44-45, 52-70 YEARS MAY MONTH 0000-0200 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.5	.6	.1	.1							3.6	3.2
NNE	.5	.7	.7	.1								2.0	6.0
NE	1.3	1.6	.7	.1								3.6	4.9
ENE	.2	.7	.4	.1	.1							1.4	6.7
E	1.0	.9	.3	.1								2.3	4.5
ESE	1.2	1.5	.6	.1								3.4	4.7
SE	1.3	3.9	2.2	.4		.1						7.7	5.9
SSE	3.0	2.6	1.5	.4	.1	.1						7.5	3.0
S	3.9	3.6	1.9	1.0	.2							10.5	3.3
SSW	1.3	1.4	.6									3.3	4.4
SW	1.1	1.7	.7	.1	.1							3.6	3.1
WSW	.9	.5	.1									1.5	3.7
W	1.0	.5	.3									1.8	3.9
WNW	.5	.3	.2									1.0	4.1
NW	.6	1.0	.5	.3								2.4	3.9
NNW	.7	.6	.6	.3	.1	.1						2.3	6.8
VARBL													
CALM												42.0	
	19.8	23.0	11.6	3.0	.5	.2						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 1952

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

1994  
STATION

ENGL ND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURE (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	.8	1.4	.7	.3								3.3	5.8
NNE	.4	1.0	1.0									2.3	6.0
NE	1.0	1.3	.6	.2								3.0	5.1
ENE	.5	1.0	.4	.2	.1							2.2	6.0
E	1.6	1.5	.6	.2								3.9	4.6
ESE	1.7	2.2	.3	.2								4.4	4.4
SE	3.1	3.2	1.6	.4								8.3	5.0
SSE	3.4	2.5	1.2	.3								7.4	4.7
S	2.1	2.4	1.3	.7	.2							6.6	6.1
SSW	.7	.8	.5	.1								2.0	5.1
SW	.8	.5	.2	.1								1.5	4.0
WSW	.6	.3	.2									1.0	3.7
W	.7	.5	.2		.1							1.4	4.5
WNW	.9	.4	.3	.1								1.6	4.4
NW	1.1	.7	.4	.2								2.5	5.0
NNW	.8	.9	.4		.1							2.2	4.6
VARBL													
CALM												46.3	
	20.2	20.7	9.7	2.7	.4							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 1991

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.7	1.4	.5	.1							4.7	6.6
NNE	.7	1.6	.6	.4								3.2	5.8
NE	1.2	1.5	1.0	.3								4.0	5.6
ENE	.9	1.2	.9	.2	.1							3.2	5.9
E	1.5	2.4	1.3	.1	.1							5.3	5.3
ESE	1.1	1.8	1.5	.9								4.7	5.9
SE	1.7	4.1	3.8	.8								10.4	6.4
SSE	2.8	3.0	2.7	.6								9.1	5.6
S	2.6	2.8	2.2	1.2	.2							9.0	6.4
SSW	.7	1.0	.6	.5								3.0	5.7
SW	1.1	1.1	.7		.1							3.7	5.2
WSW	.6	.5	.3									1.4	4.6
W	.7	1.1	.4	.1								2.2	4.8
WNW	.8	.8	.2									1.8	4.1
NW	1.1	.9	.8	.2								2.9	5.6
NNW	.6	.7	.5	.3								2.0	6.1
VARBL													
CALM												30.3	
	18.9	26.2	19.0	5.2	.4							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

1994  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.6	1.2	.7	.1							5.1	6.4
NNE	.8	1.2	1.3	.4								3.6	6.4
NE	.8	1.5	1.6	.4								4.4	6.5
ENE	.7	1.3	1.5	.4								3.9	6.5
E	1.6	2.7	1.3	.5								6.2	5.7
ESE	.9	2.0	1.7	.6								5.2	6.5
SE	.8	3.0	3.5	1.5	.1	.1						9.0	7.8
SSE	.8	3.0	3.6	1.6	.2							9.1	7.8
S	1.7	4.5	6.4	3.1	.5	.2						16.4	8.4
SSW	.8	1.0	2.5	1.1	.2							6.1	8.0
SW	1.4	2.0	1.8	.8	.2							6.2	7.1
WSW	.8	1.3	.9	.1								3.1	5.7
W	1.0	1.9	.9	.3								4.1	5.4
WNW	.6	.5	.5	.2								1.7	5.9
NW	.8	1.2	.5	.5								3.0	6.1
NNW	.3	1.3	.9	.6	.1							3.2	7.5
VARBL													
CALM												9.7	
	15.2	30.8	30.3	12.5	1.3	.3						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 1953

2

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

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

**SURFACE WINDS**

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME 44-45, 52-70 YEARS MAY MONTH  
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	1.2	.6	.1							4.0	7.0
NNE	.8	.9	1.3	.6								3.6	7.1
NE	1.0	2.0	1.6	.2								4.8	5.9
ENE	.8	1.6	1.4	.3								3.8	6.4
E	1.6	3.2	1.5	.4								5.7	5.4
ESE	.6	2.0	1.5	.2								4.3	6.2
SE	1.1	2.8	3.7	.9	.3							8.8	7.6
SSE	.7	2.9	3.3	2.1	.2	.1						9.3	8.3
S	1.6	5.0	8.3	3.7	.9	.1						19.6	8.5
SSW	.6	2.8	2.7	1.7	.7							8.4	8.7
SW	.9	1.7	2.0	.7	.1							5.4	7.0
WSW	.5	1.3	.6	.3								2.7	6.2
W	.7	1.2	.8	.2								2.9	5.9
WNW	.4	.8	.5	.2								1.8	6.1
NW	.7	1.6	1.2	.9	.1	.1						4.3	7.3
NNW	.3	1.3	1.2	.4	.1	.2						3.7	7.7
VARBL													
CALM												5.9	
	12.7	32.6	32.8	13.2	2.4	.4						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.1	1.9	.5	.1							5.5	6.7
NNE	.6	1.2	1.2	.6	.1							3.6	7.1
NE	1.1	2.3	1.3	.5	.1	.1						5.3	6.5
ENE	.8	1.7	1.1	.2								3.8	6.1
E	.7	2.3	1.7	.2								4.9	6.2
ESE	.6	1.1	1.4	.4								3.4	6.8
SE	.6	2.0	2.6	1.2	.1							7.4	7.5
SSE	.7	2.6	3.8	2.0	.4							9.5	8.4
S	1.7	7.0	9.9	3.6	.4	.1						22.7	8.0
SSW	.6	2.4	3.4	1.5	.4	.1						8.4	8.5
SW	.8	1.7	1.7	.6								4.8	6.9
WSW	.5	1.0	.4	.1								1.9	5.2
W	.5	.8	.4	.1								1.7	5.5
WNW	.3	.6	.6	.2								1.6	6.8
NW	.4	2.2	1.7	.6	.1	.1	.1					5.3	7.6
NNW	.5	1.1	1.6	.4	.2							3.8	7.7
YARBL													
CALM												6.3	
	11.1	32.9	34.8	12.9	1.9	.3	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 1453

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934      ENGLAND AFB LOUISIANA/ALEXANDRIA      44-45, 52-70      MAY  
STATION      STATION NAME      YEARS      MONTH

ALL WEATHER      1800-2000  
CLASS      HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	2.4	1.3	.3	.1							5.7	5.6
NNE	1.4	1.8	1.0	.2								4.5	5.2
NE	1.5	2.2	.7	.2								4.7	4.8
ENE	.9	1.3	.4	.2	.1							2.8	5.1
E	1.4	1.8	1.0	.2								4.4	5.2
ESE	.9	1.6	1.0	.1	.1							3.6	5.9
SE	1.1	3.4	2.0	.5	.1	.1						7.1	6.4
SSE	1.8	3.0	2.4	1.0	.1							8.3	6.5
S	6.0	10.1	5.4	1.4	.2							23.0	5.5
SSW	1.6	1.7	1.8	.4	.1							5.6	6.0
SW	.9	1.2	.5	.1								2.7	4.9
WSW	.4	.4	.1		.1							.9	4.9
W	.7	.4	.3	.2								1.6	5.4
WNW	.5	.4		.1								.9	3.7
NW	1.2	1.3	.9	.3		.1						3.7	5.6
NNW	.4	.6	.5	.3								1.8	7.0
VARBL													
CALM												18.6	
	22.3	33.7	19.4	5.2	.7	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS      1993

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.4	.5	.2	.1							3.8	4.6
NNE	.9	.8	.7	.1	.1							2.6	5.5
NE	1.3	1.9	.6	.2								4.0	4.9
ENE	.5	.7	.4	.1								1.6	5.3
E	1.0	1.5	.6	.4								3.5	5.8
ESE	.6	1.0	.7	.1	.1							2.5	6.1
SE	1.7	3.5	1.7	.6	.1	.1						7.7	5.9
SSE	2.3	3.0	1.6	.5	.1	.1						7.5	5.6
S	6.8	6.1	3.0	.8	.3							17.0	5.1
SSW	1.4	1.9	1.5	.2	.1							5.1	5.7
SW	1.2	1.4	.6	.1								3.2	5.0
WSW	.4	.4	.2									1.0	4.3
W	.7	.5		.1								1.2	3.6
WNW	.6	.4	.3									1.0	4.9
NW	.7	.9	.5	.3								2.4	5.6
NNW	.8	.4	.3	.3								1.7	5.4
VARBL													
CALM												34.4	
	22.4	25.9	13.0	3.6	.7	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13924  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.7	.1	.2								1.6	4.6
NNE	.8	.4	.2									1.4	3.4
NE	.8	1.1	.5	.1								2.5	4.7
ENE	1.0	.3	.2									1.5	3.4
E	1.1	1.3	.4	.1								2.8	4.6
ESE	.6	1.0	.2									1.8	4.3
SE	2.2	2.0	.7									4.9	4.2
SSE	3.3	2.1	.4	.1								5.9	3.6
S	4.0	4.6	1.0	.1								9.6	4.1
SSW	1.7	2.0	1.0	.1								4.7	4.7
SW	1.6	2.1	1.1	.1								4.9	5.0
WSW	.8	.6	.3	.1								1.9	4.5
W	.5	.5										1.1	3.4
WNW	.4	.2										.5	3.3
NW	.6	.4	.2	.1								1.2	4.0
NNW	.4	.2	.1	.2	.1							.8	6.1
VAREL													
CALM												53.0	
	20.7	19.3	6.1	.8	.1							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 1890

DATA PROCESSING DIVISION  
 DTAG/USAF  
 AIR WEATHER SERVICE/HAC

**SURFACE WINDS**

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

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME 44-45,52-70 YEARS JUN MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	.6	.4									2.3	4.1
NNE	.8	.7	.1	.1								1.7	4.1
NE	.6	.7	.3	.1								1.6	4.7
ENE	.5	.5	.2									1.1	4.0
E	1.2	1.1	.5	.1								2.8	4.7
ESE	1.0	.5	.3									1.8	3.9
SE	2.6	1.6	.5	.1								4.8	3.9
SSE	2.4	1.2	.3	.1								4.0	3.8
S	3.8	2.3	.2									6.3	3.4
SSW	1.3	1.0	.3	.1								2.6	4.1
SW	1.3	2.1	.3									3.7	4.2
WSW	.8	.3	.2	.1								1.4	4.4
W	1.2	.4	.1									1.6	3.1
WNW	.7	.1	.1									.8	2.9
NW	1.0	.5	.1									1.5	3.5
NNW	.6	.3		.1								1.0	3.4
VARBL													
CALM												61.0	
	21.2	13.7	3.7	.5								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 1890

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/HAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

0600-0900  
HOURL (L.T.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.1	.3	.2								3.3	4.1
NNE	.9	1.2	.4	.1								2.5	4.8
NE	1.4	1.1	.8									3.3	4.7
ENE	1.3	1.2	.4	.1								3.0	4.3
E	2.0	1.4	.6	.1								4.0	4.3
ESE	1.1	1.3	.3									2.6	4.2
SE	2.3	3.1	.9	.1								6.4	4.6
SSE	1.7	2.6	1.3	.2								5.8	4.9
S	2.6	3.1	1.6	.4								7.7	4.9
SSW	1.4	1.3	.6	.4								3.7	5.6
SW	1.3	2.1	1.3	.3								5.4	5.7
WSW	.8	1.1	1.1	.1								3.1	5.8
W	1.4	1.5	.3									3.5	4.3
WNW	1.6	.8	.2									2.1	4.0
NW	1.3	.6	.3	.1								2.5	4.5
NNW	.4	.5	.3	.1								1.2	4.8
VARBL													
CALM												39.8	
	22.9	24.0	11.4	2.0								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

1890

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	1.6	.4	.2								3.9	4.5
NNE	1.0	1.3	.7	.2								3.1	3.2
NE	2.1	2.5	1.5	.1								6.3	5.0
ENE	1.2	1.8	1.1	.1								4.1	3.1
E	1.9	3.0	.7	.2	.1							5.8	4.8
ESE	1.3	1.5	.6	.2								3.6	3.1
SE	1.9	2.5	1.4	.3	.1							6.2	5.5
SSE	.8	2.5	1.8	.8								5.9	6.7
S	2.3	4.8	4.8	1.1								13.0	6.5
SSW	1.6	2.3	3.0	1.0	.1							7.9	7.0
SW	1.7	3.5	3.0	.6	.1							8.8	6.3
WSW	1.3	1.6	1.0	.2								4.1	3.2
W	2.1	2.1	.8	.2								5.2	4.7
WNW	.7	1.2	.4									2.3	4.8
NW	1.6	1.5	.8	.2								4.0	4.8
NNW	.8	1.2	.7	.1								2.8	3.0
VARBL													
CALM												13.0	
	24.0	34.9	22.7	5.2	.2							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 1890

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	2.8	1.1	.4								6.0	5.3
NNE	1.1	1.7	.8	.2								3.8	5.3
NE	1.6	2.6	1.2	.4	.1							5.9	5.2
ENE	1.2	2.5	1.1	.2								4.9	5.4
E	2.1	2.9	1.2	.3					.1			6.6	5.1
ESE	1.0	1.4	.8	.1	.1							3.4	5.6
SE	1.4	2.9	1.5	.4	.1							6.3	5.8
SSE	.8	2.6	2.4	.7	.1							6.7	6.8
S	2.5	6.1	7.1	2.4								18.2	7.1
SSW	1.3	2.9	2.2	1.0	.3							7.7	7.1
SW	1.2	3.1	2.1	.6	.1							7.0	6.4
WSW	.7	1.5	.7	.4	.1							3.4	6.3
W	1.3	1.4	.8	.1								3.7	5.0
WNW	.4	.7	.6	.1								1.9	5.8
NW	.8	1.2	.7	.2								2.9	5.5
NNW	.6	.6	1.1	.1								2.5	6.0
VARBL													
CALM												9.3	
	19.7	37.1	25.6	7.6	.7				.1			100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

1890

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	1.4	.3		.1						5.0	5.9
NNE	.6	2.0	1.1	.1								3.8	5.7
NE	1.5	3.1	2.0	.4								7.0	5.9
ENE	1.2	2.3	.9	.2								4.6	5.2
E	1.4	3.5	1.6	.5								7.1	5.7
ESE	1.2	1.6	.8	.3								4.0	5.5
SE	1.	3.2	2.2	.5	.1			.1				7.4	6.4
SSE	1.1	2.9	3.3	1.3	.1			.1				8.7	7.4
S	2.9	3.9	7.7	1.6	.2	.1						18.3	7.0
SSW	1.4	2.3	3.4	1.9	.1							9.2	7.5
SW	1.1	2.5	1.3	.2								5.1	5.6
WSW	.8	1.3	.3	.1								2.5	4.7
W	1.2	.8	.7	.2								2.9	5.1
WNW	.5	.4	.1	.1	.1							1.2	5.5
NW	.7	1.1	.9	.3								3.0	6.1
NNW	.5	.8	.8	.1		.1						2.2	6.4
VARBL													
CALM												8.2	
	14.6	36.0	28.5	8.1	.4	.2		.1				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

1890

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
H	1.5	1.4	.5			.1						3.6	4.7
MNE	1.4	1.3	.4		.1							3.1	4.3
NE	1.7	2.0	.5	.2								4.4	4.6
ENE	1.2	2.1	.8	.2								4.2	5.2
E	2.3	2.9	.8	.2		.1						6.3	4.7
ESE	1.2	1.6	.7	.2	.1							3.8	5.4
SE	1.4	2.4	1.3	.2								5.9	5.2
SSE	1.9	3.7	2.1	.3								8.1	5.6
S	6.8	9.9	3.2	.6			.1					22.6	5.2
SSW	1.9	2.3	1.9	.2								6.2	5.2
SW	1.0	1.6	.8	.1		.1						3.6	5.6
WSW	.5	.2	.2									.8	3.8
W	.4	.6	.2	.1								1.5	4.7
WNW	.2	.4	.3	.1	.1							1.1	6.6
NW	.2	.6	.4	.1								1.2	6.2
NNW	.5	.7	.3	.2								1.6	5.4
VARBL													
CALM												22.2	
	24.1	34.1	16.5	2.6	.2	.3	.1					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1867

2

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.1	.2		.1							2.8	3.8
NNE	.8	1.1	.4	.1								2.3	4.6
NE	1.3	.8	.4	.2		.1						2.8	5.1
ENE	.8	.7	.3	.2								2.0	5.4
E	1.5	1.6	.6	.1								3.8	4.4
ESE	1.4	1.5	.1									3.0	3.7
SE	2.2	2.7	.8	.1								5.8	4.5
SSE	2.4	2.5	1.1	.2								6.3	4.8
S	7.0	8.2	2.3	.3								17.8	4.4
SSW	1.9	3.0	1.4	.2								6.5	5.2
SW	1.3	1.2	.3	.1	.1							2.9	4.7
WSW	.4	.2			.1							.6	4.3
W	.4	.2		.1								.7	4.1
WNW	.3	.2	.1									.5	4.1
NW	.3	.4	.2									.8	4.4
NNW	.4	.4	.1	.1								1.0	4.6
VARBL													
CALM												40.4	
	24.0	25.6	8.2	1.5	.2	.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

1887

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13924  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	.6	.3									2.3	3.7
NNE	.9	.3	.2	.1								1.4	3.7
NE	1.2	1.0	.2	.2								2.5	4.4
ENE	.7	.6	.1	.1								1.4	3.7
E	1.2	.5	.4									2.0	4.4
ESE	.9	1.0										1.9	3.5
SE	2.3	1.6	.5	.1								4.4	4.0
SSE	2.5	1.3	.2	.1								4.0	3.5
S	4.1	2.7	.8	.3								7.8	4.1
SSW	1.6	2.0	1.0	.3								4.9	5.2
SW	2.4	2.7	.8									5.8	4.4
WSW	1.1	.7	.2									2.0	3.8
W	1.4	.3	.1									1.8	2.9
WNW	.3											.3	2.2
NW	.8	.2	.1									1.0	3.2
NNW	.4		.1									.5	2.8
VARBL													
CALM												55.9	
	23.2	15.3	4.7	.9								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 1952

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/KAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.5										1.8	3.3
NNE	1.1	.3	.2	.2								1.7	4.3
NE	1.2	1.0	.2	.1								2.5	4.3
ENE	.9	.4	.1									1.4	3.3
E	1.4	.7	.3									2.4	3.8
ESE	.9	.5	.1									1.4	3.5
SE	2.4	1.7	.3	.1								4.4	4.0
SSE	1.8	.6	.1	.1								2.6	3.2
S	2.3	1.2	.3	.1								3.8	3.7
SSW	1.5	.8	.3	.2								2.8	4.3
SW	2.4	1.5	.7	.1								4.7	4.4
WSW	1.0	1.2	.1									2.3	3.7
W	1.0	.6										1.6	3.1
WNW	.6	.2										.8	3.1
NW	.7	.3										1.0	3.1
NNW	.8	.1	.1									1.0	2.6
VARBL													
CALM												64.0	
	21.2	11.5	2.7	.7								100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 1993

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	1.1	.3									3.1	3.5
NNE	1.2	1.0	.4	.2								2.8	4.6
NE	2.0	1.3	.2	.2								3.6	3.9
ENE	.8	.9	.2	.2								1.9	4.7
E	1.9	1.6	.3									3.8	3.8
ESE	.6	1.0	.2	.1								1.8	4.2
SE	2.3	2.4	.4									5.0	3.9
SSE	2.3	1.1	.3	.1								3.8	3.7
S	1.9	1.2	.5	.1								3.7	4.1
SSW	1.3	.7	.4	.4								2.8	5.2
SW	1.8	1.9	1.2	.8								5.7	6.0
WSW	1.1	1.8	1.0	.3	.1							4.2	5.7
W	3.1	2.8	.9									6.9	4.0
WNW	1.1	1.2	.2	.1								2.6	4.0
NW	1.1	1.0	.1									2.2	3.5
NNW	.8	.4	.2	.1								1.4	4.5
VARBL													
CALM												44.6	
	25.2	21.5	6.5	2.2	.1							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

1953

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

1994  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	2.2	.5									4.5	4.2
NNE	1.8	1.4	.8									3.5	4.9
NE	1.8	2.2	.8	.3								3.0	4.9
ENE	1.0	1.4	.5	.1								2.9	4.9
E	1.5	1.8	.9	.1	.1							4.4	4.9
ESE	1.2	1.2	.3	.2								2.8	6.9
SE	1.3	1.9	.8	.2								4.2	5.1
SSE	1.1	1.6	.4	.2								3.3	4.7
S	1.6	1.8	1.1	.2	.1							5.0	5.6
SSW	.7	1.4	1.1	.2	.1							4.5	7.6
SW	3.2	3.6	2.1	.5								10.8	6.1
WSW	1.9	3.9	1.4	.2								7.6	5.2
W	4.0	5.9	2.4	.2	.1							12.6	4.9
WNW	1.4	2.3	.7									4.4	4.6
NW	1.5	2.0	.7									5.1	4.7
NNW	1.1	1.8	.6	.1								3.5	4.8
VARBL													
CALM												16.1	
	26.5	37.5	15.3	4.4	.2							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 1953

2

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	2.7	1.4	.1	.1							6.0	5.3
NNE	1.2	1.8	.8	.1								3.9	5.1
NE	1.2	2.5	1.0	.3	.1	.1						5.1	6.0
ENE	.8	1.8	1.0	.3	.1	.1						4.0	6.4
E	1.2	3.4	1.5	.2								6.4	5.7
ESE	1.1	1.5	.6	.2								3.3	5.1
SE	1.1	2.6	1.1	.4								5.2	5.6
SSE	1.0	2.3	1.3	.2								4.8	5.6
S	2.5	3.6	1.6	.7	.2							8.6	5.8
SSW	1.4	1.9	1.6	.6	.1							5.6	6.4
SW	2.7	4.1	2.6	.7								10.1	5.7
WSW	1.8	2.7	1.3					.1				5.8	5.2
W	3.9	4.1	1.1	.3	.1							9.3	4.5
WNW	.6	1.4	.5									2.5	5.1
NW	.8	1.4	.7	.1								2.9	5.1
NNW	1.3	1.8	.8	.1								3.9	4.8
VARBL													
CALM												12.3	
	24.4	39.7	18.8	4.0	.5	.1		.1				100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

1953

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/HAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.7	1.0	.2								5.4	5.2
NNE	.9	1.3	.7	.4								3.3	5.9
NE	1.3	2.0	1.5	.2								5.1	5.6
ENE	.7	1.6	.6	.4	.2							3.3	6.6
E	1.3	3.3	1.4	.3								7.0	5.3
ESE	1.0	1.6	.9	.1								3.6	5.3
SE	1.6	2.6	3.0	.6	.1		.1					7.9	6.3
SSE	1.3	3.4	2.2	.6	.1							7.5	6.2
S	4.0	5.6	2.6	.9	.1	.1						13.2	3.4
SSW	2.0	2.1	1.3	1.0								6.4	6.1
SW	2.1	4.1	2.3	.8		.1		.1				9.4	6.3
WSW	1.3	2.3	.6	.1								4.7	4.7
W	1.3	2.4	1.0	.2								4.9	5.2
WNW	.5	.7	.2	.1								1.4	5.0
NW	.7	1.3	.2	.3	.1							2.6	5.3
NNW	.8	1.1	.5	.1								2.3	3.0
VARBL													
CALM												11.6	
	22.4	34.4	20.4	6.1	.4	.1	.1	.1				100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME 44-45,52-70 YEARS MONTH JUL  
 ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	1.2	.7	.1								3.9	4.2
NNE	.9	.6	.5	.1								2.1	4.7
NE	1.9	1.6	.8	.2	.1	.1						4.6	5.0
ENE	1.1	1.4	.4	.3	.1							3.2	5.3
E	2.5	2.3	.7	.1								5.5	4.1
ESE	1.3	1.6	.3	.1								3.2	4.3
SE	2.4	3.6	1.9	.2								8.1	5.1
SSE	2.6	4.1	1.8	.3								8.8	5.1
S	7.7	7.3	2.4	.4	.1							17.9	4.4
SSW	2.5	2.5	.6	.3								5.8	4.5
SW	1.4	1.5	.7	.1								3.6	4.7
WSW	1.1	.6	.4									2.0	4.1
W	1.0	.9	.1	.1								1.9	3.8
WNW	.4	.1	.1	.1								.6	3.9
NW	.6	.7	.1	.1								1.4	4.5
NNW	.7	.3	.2	.1								1.2	4.3
VARBL													
CALM												25.9	
	30.0	30.3	11.4	2.2	.2	.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	.6	.3									2.0	3.6
NNE	.8	1.1	.2									2.1	4.2
NE	1.5	1.5	.5	.1								3.5	4.5
ENE	.6	.9	.3	.1								1.8	5.1
E	1.5	1.4	.7	.1								3.7	4.8
ESE	1.1	1.2	.4									2.7	4.3
SE	3.7	3.3	.6	.1								7.6	3.9
SSE	2.5	2.1	.6	.1								6.2	3.7
S	5.4	3.4	1.8	.2								11.3	4.2
SSW	2.2	1.4	1.2	.4								5.1	5.0
SW	1.7	1.0	1.0	.1								3.7	4.8
WSW	.7	.4										1.1	3.2
W	.4	.6										1.0	3.6
WNW	.4	.2	.1									.6	3.6
NW	.6	.2	.1		.1							.4	4.1
NNW	.6	.2										.8	3.1
VARBL													
CALM												45.9	
	26.2	19.4	7.6	.9	.1							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

1953

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

19934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	.7	.2	.1								1.8	3.9
NNE	.9	.7	.2									1.7	3.9
NE	1.2	1.4	.3									2.9	3.9
ENE	1.1	.6	.1									1.7	3.5
E	1.5	.6	.4									2.5	3.8
ESE	1.5	.7	.2									2.4	3.6
SE	2.8	2.2	.2									5.2	3.6
SSE	2.0	1.7	.2									4.9	3.3
S	2.5	2.3	.4									5.3	3.9
SSW	.5	1.5	.5	.1								2.6	3.1
SW	1.9	1.5	.4									3.8	4.0
WSW	.7	.7										1.3	3.8
W	.5	.2	.1	.1								.8	3.7
WNW	.6	.2	.1									.8	3.5
NW	1.0	.4	.1									1.4	3.3
NNW	.7	.3	.1									1.3	3.6
VARBL													
CALM												59.5	
	21.2	16.0	3.0	.2								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS

1993

C  
2  
C

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	1.1	.2	.1								3.4	3.5
NNE	1.2	1.0	.2									2.4	3.8
NE	1.8	1.2	.2									3.3	3.6
ENE	1.0	.6	.1		.1							1.7	3.9
E	1.8	.8	.2	.1								2.8	3.6
ESE	1.1	.8	.3	.1								2.2	4.0
SE	1.9	1.2	.1									3.2	3.4
SSE	1.9	.8		.1								2.8	3.3
S	2.5	1.4	.2	.1								4.1	3.5
SSW	.7	.9	.3	.1								1.9	4.6
SW	1.5	1.3	.3	.1								3.2	4.1
WSW	.8	.3	.1	.1								1.1	3.8
W	1.3	.3	.2									1.8	3.3
WNW	.2	.2										.4	3.1
NW	.5	.4	.3									1.1	4.3
NNW	.7	.6	.1									1.3	3.9
VARBL													
CALM												63.4	
	21.1	12.6	2.3	.5	.1							100.0	1.4

TOTAL NUMBER OF OBSERVATIONS

1953

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

12934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	1.6	.4	.1								4.0	4.0
NNE	1.3	1.5	.6	.1		.1						3.5	4.9
NE	1.8	2.8	.8	.1								5.5	4.6
ENE	1.0	1.0	.1									2.0	3.6
E	2.5	1.6	.6	.1								4.8	4.1
ESE	.8	1.0	.1	.2								2.0	4.5
SE	1.7	2.0	.5	.2								4.4	4.5
SSE	2.3	1.3	.5	.1	.1							4.2	4.1
S	2.5	1.6	1.1	.1								5.2	4.4
SSW	.2	.6	.6	.2	.1							1.7	7.6
SW	1.1	1.1	.9	.2								3.4	5.7
WSW	.7	.7	.4	.1								1.8	5.0
W	1.6	1.8	.9									4.2	4.4
WNW	.6	.6	.2									1.3	4.3
NW	1.2	.7	.2	.1								2.3	4.0
NNW	1.2	.4	.2	.1								1.8	3.6
VARBL													
CALM												47.8	
	22.5	20.2	7.8	1.5	.1	.1						100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

1953

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	2.8	.5	.3								5.9	4.5
NNE	1.3	1.6	.8	.2								3.9	5.3
NE	1.2	3.5	1.3	.1								6.8	5.1
ENE	1.4	1.7	.7	.1								3.9	4.5
E	2.7	3.1	.8									6.6	4.2
ESE	1.1	1.7	.6	.1								3.5	4.7
SE	1.7	2.3	1.1	.2								5.3	5.1
SSE	1.9	1.7	.7	.2								4.6	4.7
S	2.5	3.0	1.2	.3	.1	.1						7.0	5.2
SSW	.7	.8	1.7	.5								3.7	7.4
SW	1.5	2.7	1.8	.9	.1							7.0	6.5
WSW	1.7	2.1	1.2	.3								5.3	5.1
W	2.1	3.9	1.2									8.2	4.4
WNW	1.1	1.2	.8	.1								3.1	4.9
NW	1.8	2.3	.8									4.9	4.4
NNW	1.0	1.1	.2									2.3	3.9
VARBL													
CALM												17.9	
	27.9	35.7	15.4	3.0	.1	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	3.4	1.5	.3								6.7	5.5
NNE	1.0	2.5	1.1	.5								5.1	3.9
NE	1.7	3.0	2.1	.4	.1							7.3	5.7
ENE	1.4	2.3	1.6	.1								5.4	3.5
E	2.1	3.9	1.4	.1								7.5	5.0
ESE	.8	1.8	1.0	.1								3.7	3.2
SE	1.6	4.2	2.0	.3								8.1	5.3
SSE	1.3	2.0	1.2	.4								4.9	3.8
S	2.5	3.8	1.6	1.0	.1							9.0	6.0
SSW	.9	2.6	1.5	.7	.1							5.7	6.5
SW	1.8	2.1	1.0	.6	.2							5.7	6.0
WSW	1.0	1.2	.8	.1								3.3	3.0
W	2.2	3.1	.8	.1								6.3	4.6
WNW	.4	.9	.2	.1	.1							1.5	3.3
NW	1.5	1.2	.7	.1								3.5	4.5
NNW	.9	1.3	.7					.1				3.0	3.3
VARBL													
CALM												13.4	
	22.7	39.6	19.2	4.6	.5			.1				100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

1953

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.8	1.7	.3		.1						6.1	5.9
NNE	1.0	2.0	1.4	.3	.1							4.9	6.2
NE	1.7	2.8	1.8	.4		.1						6.8	5.9
ENE	1.4	2.0	1.3	.1	.1	.1						4.9	5.7
E	1.5	4.4	2.4	.2								8.4	5.6
ESE	.9	2.5	1.6	.2								5.2	5.7
SE	1.6	4.0	2.7	.6								8.9	6.1
SSE	1.6	4.1	3.0	.6	.1							9.4	6.1
S	3.1	5.2	2.7	1.1	.1							12.2	6.0
SSW	1.3	1.2	1.5	.5								4.6	6.3
SW	1.8	2.5	.9	.3	.1							5.4	5.2
WSW	1.1	1.4	.6	.1								3.2	4.9
W	1.3	1.5	.4	.1								3.2	4.5
WNW	.3	.6	.2									1.1	5.0
NW	.6	1.0	.5									2.0	5.1
NNW	.8	.7	.6									2.0	4.9
VARBL													
CALM												11.6	
	21.2	38.7	23.2	4.7	.4	.2						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

1953

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	1.6	.3	.2	.1							4.0	4.4
NNE	1.4	1.1	.4	.1								2.9	4.2
NE	1.8	2.7	.9	.2								5.5	4.6
ENE	2.0	1.4	.5	.1								3.9	4.0
E	2.8	2.7	.9	.1								6.5	4.4
ESE	.9	2.2	.6	.2								3.8	5.0
SE	2.9	3.9	1.6	.2								8.7	4.8
SSE	3.9	4.8	1.8	.3								10.9	4.6
S	5.4	5.0	1.9	.4								12.7	4.5
SSW	1.6	.9	.6	.1								3.3	4.6
SW	1.1	1.0	.1	.1	.1							2.3	4.6
WSW	.6	.3	.1									.9	3.8
W	.6	.7	.2									1.5	4.3
WNW	.2	.1	.2									.4	6.0
NW	.4	.4	.1									.9	4.2
NNW	.4	.7	.2									1.2	4.5
VARBL													
CALM												30.7	
	27.9	29.3	10.2	1.8	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 1959

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45, 52-70  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	.5	.3	.1								2.5	4.1
NNE	1.2	1.0	.5	.1								2.8	4.4
NE	1.8	1.8	.7	.1								4.4	4.4
ENE	1.0	.7	.2									1.9	4.2
E	1.8	1.8	.3	.1								4.0	4.2
ESE	1.5	1.4	.4	.2								3.4	4.2
SE	3.1	3.7	.4									7.2	4.0
SSE	3.2	2.8	.6	.1								6.6	4.0
S	4.7	3.7	1.2	.2								9.8	4.1
SSW	1.4	1.0	.5									2.9	4.1
SW	1.0	.7	.1									1.7	3.4
WSW	.4	.3										.6	3.5
W	.7	.1	.2									1.0	3.4
WNW	.2	.1	.1									.4	4.7
NW	.5	.2	.1									.7	3.2
NNW	.4	.2	.1									.6	3.5
VARBL													
CALM												49.7	
	24.5	19.8	5.4	.7								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS

1953

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEAR

SEP  
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	2.3	3.6	1.1	.2								7.1	4.7
NNE	2.1	2.0	.9	.2								5.2	4.6
NE	1.8	3.1	.8	.2								5.9	4.7
ENE	1.1	1.0	.4									2.5	4.2
E	1.6	1.8	.4	.1								3.3	4.2
ESE	.8	.6	.2	.1								1.7	4.5
SE	2.0	2.0	.2									4.1	3.7
SSE	2.0	1.4	.2	.1	.1							3.7	4.0
S	1.0	1.6	.3									2.8	4.2
SSW	.7	.5	.2									1.3	4.2
SW	.6	.5	.2									1.2	4.2
WSW	.7	.4	.1	.1								1.1	3.6
W	1.1	.2	.1									1.3	3.2
WNW	.4	.2	.1	.1								.8	4.1
NW	1.5	.2	.1									1.8	3.0
NNW	.7	.6	.1									1.4	3.9
VARBL													
CALM												54.2	
	20.2	19.6	5.1	.8	.1							100.0	1.9

TOTAL NUMBER OF OBSERVATIONS

1980

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/HAC

**SURFACE WINDS**

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

15934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	3.1	1.1	.3	.1	.1						6.7	3.1
NNE	1.4	1.9	.6		.1							3.9	4.7
NE	2.5	2.7	.9									6.1	4.2
ENE	1.3	1.3	.6	.1								3.2	4.6
E	1.5	1.3	.4	.1								3.2	4.2
ESE	.8	.7	.1	.2								1.7	4.7
SE	2.6	1.8	.3									4.6	3.6
SSE	1.4	.9	.2	.1								2.5	4.1
S	.9	1.0	.2	.1								2.2	4.8
SSW	.2	.2	.1									.4	4.6
SW	.6	.3	.1									1.0	3.7
WSW	1.0	.3	.1	.1								1.4	4.0
W	.9	.2	.1									1.1	3.2
WNW	.8	.3			.1							1.2	3.5
NW	1.3	.7	.3									2.3	3.8
NNW	.8	.7	.1									1.6	3.6
VARBL													
CALM												57.0	
	19.9	17.2	5.0	.7	.2	.1						100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 1980

2

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.8	3.2	1.3	.2		.1	.1					7.5	5.0
NNE	1.7	2.3	1.2	.4								5.6	5.3
NE	2.3	4.5	1.9	.6								9.3	5.4
ENE	1.3	1.7	.4	.1								3.4	4.6
E	1.5	2.9	.8	.1								5.3	4.7
ESE	1.0	.8	.2	.1								2.0	4.1
SE	2.5	2.5	.8	.1								5.9	4.4
SSE	1.4	1.7	.5									3.6	4.4
S	1.2	1.1	.6									2.8	4.4
SSW	.4	.3	.2	.1								.9	5.3
SW	.4	.4	.1									.8	4.5
WSW	.7	.4	.1	.2								1.4	4.9
W	.8	.4	.1									1.2	3.3
WNW	.6	.5	.3									1.3	4.3
NW	1.3	.8	.3	.2								2.5	4.5
NNW	1.3	.9	.5	.1			.1					2.7	4.8
VARBL													
CALM												43.8	
	21.2	24.1	8.9	1.8		.1	.1					100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 1980

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	3.3	2.1	.4	.1							7.9	5.4
NNE	2.3	3.2	2.4	.8								8.7	5.8
NE	1.9	3.9	3.5	.8	.1							10.1	6.3
ENE	1.6	3.2	1.9	.4	.1							7.2	5.9
E	2.8	4.3	1.1	.3	.1							8.6	4.9
ESE	1.9	2.1	1.3	.1	.1							5.4	5.1
SE	1.9	2.9	1.5	.2	.1							6.5	5.3
SSE	1.4	2.4	1.5	.3								5.3	5.6
S	1.4	2.6	2.2	.3								6.5	5.9
SSW	.6	.9	.8	.4								2.3	6.8
SW	1.1	.9	.7									2.7	4.7
WSW	.5	.8	.5	.2								2.0	5.7
W	1.2	1.1	.9	.2								3.3	5.3
WNW	.4	.9	.3	.1	.1							1.6	5.3
NW	1.1	1.2	.5	.3	.1	.1						3.3	6.1
NNW	1.2	1.4	.5	.3		.1						3.3	5.4
VARBL													
CALM												14.8	
	23.2	35.1	21.4	4.8	.9	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

1980

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/HAC

## SURFACE WINDS

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	4.8	2.8	1.2	.1							10.8	6.3
NNE	1.1	3.3	2.6	.7								7.6	6.6
NE	1.8	4.1	4.7	1.3	.2							12.2	6.9
ENE	1.2	3.4	1.5	.4								6.4	5.8
E	2.1	3.8	1.9	.5	.2							8.4	5.8
ESE	1.1	2.2	1.3	.1								4.6	5.4
SE	1.7	3.7	2.4	.4	.1							8.2	5.9
SSE	1.1	2.1	1.3	.3								4.9	5.7
S	2.3	2.4	1.6	.4	.1							7.0	5.5
SSW	.5	.9	1.2	.3								3.0	6.3
SW	1.0	1.3	1.0	.1								3.4	5.3
WSW	.7	.6	.3	.1								1.7	5.0
W	1.0	1.2	.7	.1	.2							3.1	5.7
WNW	.8	.9	.5	.2								2.2	5.1
NW	.8	1.1	.7	.2	.1							2.9	6.0
NNW	.9	1.5	1.5	.6	.1							4.3	6.6
VARBL													
CALM												8.9	
	20.1	37.4	26.1	6.7	.8							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

1980

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.5	5.4	3.2	.8		.1						11.9	6.0
NNE	1.1	3.2	2.7	1.1								8.0	7.0
NE	2.2	5.8	3.9	.9								12.8	6.2
ENE	1.4	2.6	1.7	.2								5.9	5.5
E	2.6	4.4	2.3	.5	.1							9.9	5.6
ESE	.9	2.3	1.3	.2								4.7	5.8
SE	1.4	3.8	1.8	.6								7.7	5.9
SSE	1.5	3.3	1.2	.4								6.4	5.4
S	2.2	2.7	2.1	.3	.2	.1						7.5	5.9
SSW	.5	1.1	.5	.1								2.1	5.4
SW	1.0	1.5	.4									2.8	4.4
WSW	.3	.3	.1	.1								.7	5.5
W	.4	.3	.2	.1	.1							1.2	5.6
WNW	.3	.9	.4	.1								1.6	5.7
NW	.7	1.7	1.1	.2								3.7	5.9
NNW	.8	1.5	1.2	.5								3.9	6.5
VARBL													
CALM												9.2	
	19.6	41.0	24.0	5.8	.3	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

1980

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.0	4.3	1.1	.3								9.7	4.4
NNE	2.5	2.5	1.4	.1								6.5	4.7
NE	2.8	4.2	1.1	.3								8.4	4.7
ENE	1.5	1.7	.9	.1								3.8	4.6
E	3.2	4.4	.9	.3								9.0	4.7
ESE	1.4	1.4	.9	.2								3.3	4.8
SE	1.9	3.6	1.0	.1								6.6	4.7
SSE	2.6	1.7	.4	.1								4.7	3.8
S	2.6	2.6	1.2	.2	.1							6.7	4.7
SSW	.3	.7		.1								1.1	4.3
SW	.5	.5	.2	.1								1.2	4.4
WSW	.1	.1	.1									.2	3.3
W	.5	.4		.2								1.0	3.3
WNW	.3	.3										.6	3.3
NW	.8	.6	.2									1.6	4.1
NNW	.9	.8	.3	.1								2.0	4.7
VARBL													
CALM												33.6	
	25.8	29.8	8.6	2.1	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 1980

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEARS

SEP  
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	2.2	2.8	1.3	.2								7.5	4.6
NNE	2.1	1.8	.8	.4								5.1	4.9
NE	2.2	4.3	1.2	.1								7.7	4.6
ENE	1.0	1.5	.3	.1								2.9	4.4
E	1.8	1.8	.6	.3								4.4	4.7
ESE	.8	.8	.3									1.8	4.2
SE	2.2	3.1	.9	.2								6.3	4.5
SSE	1.7	1.4	.6	.3								3.9	4.5
S	1.9	1.9	.7	.1								4.6	4.4
SSW	.8	.4	.1									1.3	3.6
SW	1.1	.1	.1	.1	.1							1.4	4.0
WSW	.6	.2	.1									.9	3.5
W	.8	.2		.1								1.0	3.1
WNW	.6	.2	.1									.9	3.4
NW	.5	.2	.1									.8	3.6
NNW	.7	.6	.4									1.7	5.0
VARBL													
CALM												48.0	
	22.0	21.2	7.2	1.5	.1							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 1980

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	2.8	1.7	.2	.0							7.1	5.1
NNE	1.2	1.4	.5	.0								3.2	4.6
NE	2.0	2.1	.3	.1								4.6	4.3
ENE	1.0	.7	.1	.1								1.9	4.2
E	1.4	.7	.2									2.2	3.8
ESE	.9	.8	.5	.0								2.2	3.0
SE	2.2	1.8	1.0	.2								5.2	4.9
SSE	1.8	1.3	.6	.0								3.8	4.4
S	1.5	.9	.2	.2								2.8	4.4
SSW	.2	.5										.8	3.6
SW	.8	.4	.0									1.3	3.8
WSW	.8	.2	.0	.0								1.1	3.9
W	1.7	.7	.1									2.5	3.2
WNW	1.3	.5	.0									1.9	3.1
NW	1.6	1.4	.6	.2	.1							3.9	3.0
NNW	1.5	1.3	.7	.1								3.6	4.7
VARBL													
CALM												51.8	
	22.2	17.6	6.7	1.5	.1							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 2045

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	3.6	1.6	.5								8.2	5.2
NNE	1.8	1.3	.5									3.6	3.9
NE	1.5	2.0	.6	.1								4.2	4.7
ENE	.9	.9	.2	.0								2.1	4.1
E	1.2	.6	.2									2.1	3.9
ESE	.8	1.1	.4									2.4	4.5
SE	2.1	1.6	.9	.0								4.6	4.5
SSE	1.3	1.0	.6	.0	.0							2.9	4.8
S	.8	.5	.4									1.7	4.4
SSW	.5	.1										.6	2.8
SW	.2	.5	.1									.9	4.9
WSW	.7	.4	.1									1.2	3.7
W	1.4	.7										2.1	3.3
WNW	1.7	.7	.3									2.6	3.5
NW	2.5	1.1	.9	.2	.0	.0						4.8	5.0
NNW	1.3	.9	.6	.1								2.9	4.9
VARBL													
CALM												53.2	
	21.2	16.9	7.4	1.2	.1	.0						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

2046

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEARS

03  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	3.9	2.1	.5								9.9	5.1
NNE	1.6	1.7	.8	.5								4.6	5.3
NE	1.9	2.2	1.1	.2								5.4	5.1
ENE	1.0	1.3	.5									2.8	4.7
E	1.4	1.8	.2									3.4	4.2
ESE	1.0	1.5	.4	.2								3.1	5.1
SE	2.4	3.1	1.2	.1								6.9	4.8
SSE	1.5	1.3	.3									3.1	3.8
S	1.1	.3	.3	.2								1.9	4.7
SSW	.3	.4	.1	.0								.9	4.3
SW	.8	.8	.0	.0								1.7	3.9
WSW	.7	.3	.1	.0								1.2	4.5
W	1.3	.9	.2	.1								2.5	4.2
WNW	1.3	1.0	.2									2.5	3.8
NW	1.8	1.0	.8	.4								4.0	5.2
NNW	1.8	1.3	.7	.3	.0							4.1	5.4
VARBL													
CALM												41.9	
	23.3	22.8	9.2	2.8	.0							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 2046

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEARS

0CT  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.6	3.0	1.1	.2							9.5	7.0
NNE	1.2	2.2	2.0	.8	.1							6.4	6.6
NE	1.8	3.1	2.9	.4	.1							8.4	6.2
ENE	1.5	1.8	1.8	.1								5.2	5.6
E	2.2	3.7	1.3	.2								7.5	4.8
ESE	1.1	2.4	1.2	.1								4.8	5.4
SE	1.9	3.3	1.9	.7								7.8	5.9
SSE	1.4	3.3	1.7	.7								7.1	6.3
S	1.2	2.1	1.7	.4	.1							5.5	6.2
SSW	.3	.7	1.2	.0	.0							2.2	7.1
SW	.4	1.0	.8	.0	.1							2.3	6.3
WSW	.5	.9	.4	.2								2.1	5.9
W	.9	1.1	.6	.2	.0							2.9	5.5
WNW	.6	.9	.7	.5	.0							2.7	6.9
NW	.9	1.9	1.4	.6	.0							4.8	6.7
NNW	1.0	1.7	1.5	.5	.1	.0						4.9	6.9
VARBL													
CALM												16.0	
	18.5	33.7	24.1	6.7	.9	.0						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2046

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

1934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70 YEARS OCT MONTH  
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.1	4.8	1.5	.2							12.3	7.2
NNE	1.3	3.1	3.1	1.0	.1							8.5	6.8
NE	1.0	3.4	2.6	.6								7.6	6.6
ENE	.8	1.6	1.7	.3								4.4	6.2
E	2.2	3.1	1.4	.1								6.8	4.9
ESE	.7	1.9	1.1	.1								3.8	5.7
SE	1.0	2.8	1.7	.5	.1							6.2	6.3
SSE	1.0	2.4	1.9	.8								6.1	6.6
S	1.7	3.0	2.3	1.3	.1							8.4	6.7
SSW	.7	.8	1.0	.5								3.1	6.9
SW	.8	1.4	.8	.3								3.4	5.9
WSW	.5	.7	.5	.1	.0							1.6	6.0
W	.6	1.4	.6	.6	.1							3.4	6.8
WNW	.5	1.1	.8	.4	.1							2.9	7.5
NW	.6	1.9	2.5	.7	.1	.0						5.9	7.6
NNW	.8	1.9	2.6	1.3	.2							6.7	8.1
VARBL													
CALM												8.6	
	15.9	34.7	29.5	10.0	1.2	.0						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 2045

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/HAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	6.3	5.9	1.4	.1	.0						15.6	6.8
NNE	1.4	3.6	3.1	.6				.0				8.7	6.4
NE	1.8	4.3	2.1	.2								8.4	5.5
ENE	1.3	2.2	1.2	.1								4.8	5.1
E	1.5	3.6	1.2	.0								6.3	4.9
ESE	.8	1.8	.9	.0								3.5	5.3
SE	1.2	3.3	2.2	.2								6.8	5.9
SSE	1.4	2.1	1.7	.5	.0							5.8	6.2
S	2.8	3.5	2.1	.4	.2							9.0	5.5
SSW	.8	1.3	.3	.2	.0							3.1	5.8
SW	.3	.8	.5									1.7	5.2
WSW	.2	.3	.1	.0								.7	5.0
W	.8	.6	.8	.0		.0						2.3	5.8
WNW	.4	.7	.9	.4	.0							2.5	7.6
NW	.7	1.7	1.5	.5	.0							4.4	6.9
NNW	.5	2.2	2.2	1.0	.1							6.1	7.8
VARBL													
CALM												10.1	
	18.2	38.1	26.8	5.9	.7	.1		.0				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2046

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME 43-45, 52-70 YEARS MONTH OCT  
 ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	5.8	2.2	.4								12.0	5.0
NNE	1.9	2.4	1.1	.2								5.7	5.1
NE	2.3	2.4	.8									5.6	4.3
ENE	1.8	.9	.1	.0								2.8	3.6
E	2.5	1.6	.6									4.7	3.8
ESE	1.2	1.4	.3	.0								3.0	4.2
SE	1.2	2.5	1.3	.0	.1							5.2	5.5
SSE	1.5	1.4	1.2	.4								4.5	5.6
S	2.0	1.9	.8	.1								4.8	4.6
SSW	.4	.6	.1	.0								1.2	4.8
SW	.4	.2	.2									.8	4.0
WSW	.3	.2	.1									.7	4.4
W	.6	.6	.2									1.5	4.4
WNW	.3	.4	.2	.0								1.0	5.5
NW	1.0	1.6	1.1	.1	.0							3.9	5.9
NNW	1.7	1.1	.6	.3								3.7	4.7
VARBL													
CALM												38.8	
	22.8	25.1	11.2	1.9	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 2045

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/HAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
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	2.8	4.2	1.3	.2								8.5	4.7
NNE	2.0	1.6	1.0	.3								4.8	3.0
NE	1.3	1.6	.6									3.5	4.5
ENE	.7	1.3	.4	.0								2.4	4.7
E	1.3	1.3	.3									3.0	4.1
ESE	.8	.6	.4	.1								2.0	4.8
SE	2.2	3.0	.6	.2								6.0	4.5
SSE	2.0	2.0	.9	.1	.0							5.0	4.9
S	1.9	1.7	.6									4.4	4.4
SSW	.5	.4	.3									1.2	4.8
SW	.5	.5										1.0	3.5
WSW	.5	.1		.0								.7	4.0
W	1.1	.8	.2	.0	.0							2.2	4.3
WNW	1.0	.4	.2									1.7	4.1
NW	1.8	.9	.7	.2	.0							3.6	4.7
NNW	1.3	.9	.5	.3								3.0	3.4
VARBL													
CALM												47.0	
	21.6	21.4	8.4	1.5	.1							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

2046

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME 43-45,52-70 YEARS NOV MONTH  
 ALL HEATHER CLASS 0000-0200 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.1	2.2	.6	.1							7.1	6.2
NNE	.5	1.7	1.3	.4								3.8	6.6
NE	.9	1.8	.7	.2								3.5	5.4
ENE	.8	.9	.4	.1								2.0	4.8
E	1.2	1.3	.4									2.8	4.2
ESE	.9	.9	.2									1.9	4.1
SE	2.3	3.3	1.6	.2	.1							7.5	5.2
SSE	2.1	2.1	1.0	.3								5.4	5.0
S	1.2	2.2	1.5	.7	.2							5.8	6.6
SSW	.4	.5	.6	.3								1.7	6.8
SW	.7	.5	1.0	.3								2.4	6.4
WSW	.8	.5	.5	.2								2.0	5.3
W	1.4	1.2	.6	.1								3.2	4.5
WNW	1.2	1.8	.3	.1								3.3	4.3
NW	1.5	1.7	1.3	.6								5.1	6.0
NNW	1.1	1.5	1.8	.5	.2							4.9	6.7
VARBL													
CALM												37.4	
	18.1	24.6	15.1	4.3	.5							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 1980

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	4.0	2.6	.9								9.0	6.3
NNE	.7	1.1	1.2	.4								3.3	6.3
NE	1.0	1.9	.9	.4								4.2	5.7
ENE	.9	.8	.3	.1								2.0	4.5
E	1.5	1.8	.3	.1								3.6	4.3
ESE	1.2	.7	.4									2.3	4.1
SE	2.2	4.3	1.7	.3	.1		.1					8.6	5.3
SSE	1.3	2.2	1.2	.2	.1							4.9	5.4
S	.9	1.2	.9	.7	.1							3.8	6.9
SSW	.4	.5	.7	.3								1.7	7.1
S'W	.8	1.0	.6	.2								2.6	5.6
WSW	.7	.7	.3	.2								1.8	5.2
W	1.6	.7	.6	.1	.1							3.0	4.7
WNW	.8	1.3	.7	.2								2.9	5.5
NW	1.8	1.2	1.0	.5								4.4	5.6
NNW	1.1	2.0	1.6	.6	.1							5.4	6.6
VARBL													
CALM												36.4	
	18.1	25.6	14.7	4.8	.4		.1					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 1980

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	3.3	2.8	1.4	.1							9.3	6.8
NNE	.7	1.7	1.9	.4								4.6	6.6
NE	.9	2.2	1.5	.3	.1							4.9	6.1
ENE	.7	1.0	.6									2.2	4.9
E	1.2	2.0	.4	.2								3.8	4.9
ESE	.9	1.6	.2									2.7	4.5
SE	1.5	3.0	1.7	.3	.1	.1						8.6	5.6
SSE	2.7	2.4	1.8	.2		.1						7.1	5.1
S	1.1	1.3	.9	.5	.1							3.7	6.4
SSW	.4	.4	.6	.1								1.5	3.9
SW	.6	.6	.5	.1	.1	.1						1.9	6.5
WSW	.9	.5	.7	.1								2.1	5.1
W	1.2	1.3	1.0									3.4	4.8
WNW	1.2	.8	.6	.1								2.8	4.8
NW	1.8	1.8	1.3	.7	.2							5.8	6.5
NNW	.8	1.5	1.3	.5		.1						4.1	6.8
VARBL													
CALM												31.4	
	18.4	27.3	17.5	4.6	.6	.2						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

1980

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45; 52-70  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.8	2.8	2.3	.1	.1						8.9	7.9
NNE	.6	1.9	1.9	.9	.1							5.4	7.4
NE	1.4	2.3	2.6	1.0	.1							7.3	7.0
ENE	.5	1.9	1.0	.9								3.9	6.5
E	1.7	3.0	1.2	.3								6.2	5.3
ESE	.8	2.0	.9	.1								3.6	5.2
SE	1.8	4.3	3.6	1.1								10.8	6.5
SSE	1.3	3.6	3.3	1.4	.2							9.7	7.2
S	1.2	1.8	2.3	1.4	.3							7.2	7.9
SSW	.9	.6	1.0	.7	.2	.2						3.1	9.5
SW	.7	1.2	1.1	.7		.2	.1					3.9	8.5
WSW	.4	.5	.6	.1		.1						1.7	6.9
W	1.1	1.9	.8	.4								4.0	5.7
WNW	.3	.7	.7	.3	.1							2.2	7.9
NW	.6	1.8	2.3	1.3	.1	.1						6.4	8.3
NNW	.7	1.0	1.9	1.2	.2	.1						5.1	8.4
VARBL													
CALM												10.7	
	14.2	31.3	28.4	13.7	1.1	.6	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 1980

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	3.4	3.9	2.4	.1							10.4	8.0
NNE	.7	1.7	2.1	.8	.1							5.3	7.5
NE	.6	2.7	2.4	.5	.1							6.3	6.7
ENE	.7	1.8	.8	.3								3.3	5.8
E	1.3	2.4	1.0	.2								4.9	5.1
ESE	1.0	1.9	1.2	.4								4.4	5.8
SE	1.2	2.3	1.7	1.0	.1	.1						6.4	6.9
SSE	.6	2.0	1.6	.9	.1	.1						5.3	7.5
S	1.0	2.6	3.3	3.0	.6	.1						10.6	9.0
SSW	.6	1.6	1.3	1.1	.4	.2						5.2	9.2
SW	.7	1.9	2.0	1.6	.5	.1						6.7	8.9
WSW	.4	1.0	1.0	.7	.1	.1						3.1	8.0
W	1.0	2.2	1.4	.7	.1	.1						5.3	6.9
WNW	.5	1.0	1.5	.4	.1	.1						3.5	7.9
NW	.4	1.3	2.8	1.9	.4	.1						6.9	9.6
NNW	.5	1.6	2.6	1.6	.2	.1						6.6	8.7
VARBL													
CALM												5.7	
	11.7	31.6	30.6	17.3	2.4	.8						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

1980

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	4.5	4.2	1.7	.1							11.8	7.2
NNE	1.4	2.1	2.3	.6	.1							6.4	6.5
NE	1.6	3.1	1.4	.3								6.5	5.5
ENE	.9	1.9	.8									3.6	5.1
E	1.9	2.4	.8	.1								5.1	4.5
ESE	.9	1.5	.9	.1								3.3	5.1
SE	.9	2.2	1.4	.4	.2							5.0	6.8
SSE	1.3	1.3	1.7	1.2	.1	.1						6.0	7.1
S	1.6	3.8	4.4	1.7	.1							11.7	7.4
SSW	.9	1.4	2.2	1.2	.3							6.0	8.4
SW	.5	1.2	1.3	.6	.1							3.5	7.3
WSW	.5	.7	.4	.1	.2							1.8	6.4
W	1.2	1.3	1.1	.4	.1							3.9	6.3
WNW	.4	1.0	.9	.4	.2		.1					2.8	8.0
NW	.5	2.2	3.3	1.1	.5							7.6	8.5
NNW	.7	2.3	2.2	1.6	.1							6.8	8.1
VARBL													
CALM												8.3	
	16.3	33.7	29.2	11.0	1.8	.1	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

1980

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEARS

NDV  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	4.2	2.5	.4								9.1	5.6
NNE	1.4	2.2	1.7	.2	.1							5.5	5.8
NE	2.1	2.6	.9	.4								5.9	4.9
ENE	1.2	1.2	.4									2.8	4.3
E	1.7	1.2	.3	.1								3.1	3.9
ESE	.7	1.0	.3									2.0	4.6
SE	1.3	1.7	1.7	.6	.1							3.3	6.5
SSE	1.8	2.0	1.9	.5	.1							6.2	5.8
S	2.8	3.7	2.5	1.0	.1							11.2	6.2
SSW	1.3	.9	1.4	.5	.1	.1						4.0	6.7
SW	.4	.4	.5	.1								1.4	6.2
WSW	.4	.3	.1	.1								.8	5.0
W	1.3	1.0	.6	.3								3.1	5.1
WNW	.3	.4	.2	.2								1.2	6.2
NW	1.4	1.9	1.3	.5	.2							5.2	6.1
NNW	1.5	1.8	1.6	.6	.1							5.5	6.2
VARBL													
CALM												27.7	
	21.6	26.3	18.7	5.1	.6	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

1980

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME 43-45, 52-70 YEARS MONTH NOV

ALL WEATHER  
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.0	1.5	.7	.1							6.8	5.9
NNE	.8	1.1	1.7	.2								3.7	6.3
NE	1.6	2.7	1.0	.1								5.4	4.9
ENE	.7	1.2	.4									2.3	4.9
E	1.0	1.0	.3	.1								2.4	4.5
ESE	.7	1.0	.1									1.8	3.8
SE	1.3	2.0	1.4	.5	.2							5.4	6.5
SSE	2.0	2.3	1.4	.5	.1							6.3	5.6
S	2.6	2.7	2.5	1.4	.1	.1						9.3	6.5
SSW	.6	.9	1.2	.3	.1							2.9	6.8
SW	.4	.6	.6	.2								1.8	6.6
WSW	.7	.5	.3	.1	.1	.1						1.6	6.2
W	1.8	1.0	.6	.1	.1							3.9	4.7
WNW	.7	.6	.5	.2	.1	.1						2.1	6.5
NW	1.3	1.9	1.6	.4	.1							5.2	5.9
NNW	.9	1.0	1.2	.4								3.5	6.4
VARBL													
CALM												36.1	
	18.6	23.7	16.1	5.1	.6	.2						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 1980

DATA PROCESSING DIVISION  
 DTIC/USAF  
 AIR WEATHER SERVICE/HAC

**SURFACE WINDS**

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

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-44, 52-70  
STATION MONTH YEARS

ALL WEATHER  
CLASS

DEC  
MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	2.2	1.8	.8	.1							6.2	6.4
NNE	1.3	1.6	1.6	.4	.1							5.0	6.4
NE	1.3	2.2	1.4	.2								5.1	5.5
ENE	.6	1.6	.6									2.8	5.1
E	1.7	2.5	.6	.4								5.2	5.0
ESE	1.3	1.3	.6									3.2	4.4
SE	2.6	2.5	1.1	.1								6.2	4.6
SSE	1.4	1.8	.8	.5		.1						4.5	5.7
S	1.2	1.7	2.5	.7								6.1	6.8
SSW	.4	.8	1.1	.3								2.7	6.8
SW	.8	1.5	.5	.4	.1							3.3	5.9
WSW	.6	.7	.5	.2	.1	.1						2.0	6.7
W	.9	1.1	.7	.3	.1							3.1	6.1
WNW	.5	1.4	1.1	.2	.1							3.5	6.4
NW	1.2	2.0	1.3	.6	.2	.1						5.4	6.9
NNW	.8	1.7	1.4	.3	.1							4.3	6.5
VARBL													
CALM												31.5	
	18.0	26.7	17.6	5.3	.7	.2						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-44, 52-70  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.7	2.4	.8								7.7	6.1
NNE	1.2	1.2	1.3	.2								3.8	5.9
NE	1.6	2.2	1.7	.5								6.1	5.9
ENE	1.0	1.1	.9									2.9	5.1
E	1.6	2.6	.8	.1								5.0	4.7
ESE	1.6	1.9	.6	.2								4.3	4.6
SE	2.8	3.0	1.2	.1								7.0	4.6
SSE	.9	1.4	.8	.3	.1	.1						3.5	6.3
S	1.1	1.8	1.4	.6	.1							5.0	6.5
SSW	.4	.7	.5	.1								1.7	5.7
SW	.4	1.2	.7	.2	.1							2.7	6.5
WSW	.4	.5	.7	.3	.3							2.0	8.7
W	1.1	1.5	.7	.2								3.5	5.3
WNW	.8	1.0	.8	.2								2.8	5.7
NW	1.0	2.5	1.3	.7	.1							5.3	6.3
NNW	.9	1.9	1.1	.5	.1	.1						4.6	6.6
VARBL													
CALM												31.7	
	18.7	27.4	16.8	4.7	.6	.2						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-44, 52-70  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	2.3	.5								7.3	6.2
NNE	1.1	1.6	1.4	.2	.1							4.3	6.0
NE	1.5	2.5	2.3	.5								6.8	6.1
ENE	.7	1.1	.5	.2								2.5	5.3
E	1.1	1.7	1.3	.2								4.4	5.5
ESE	1.9	1.9	.8	.1								4.7	4.5
SE	2.4	4.2	1.1	.1								7.7	4.7
SSE	1.2	1.5	.8	.2								3.6	5.1
S	.8	1.7	1.9	.4	.2							5.0	7.1
SSW	.1	.4	.3	.4								1.1	8.4
SW	.4	.8	.2	.2								1.6	5.7
WSW	.4	.8	.5	.3	.3							2.3	8.2
W	1.4	1.4	.9	.3	.2	.1						4.3	6.1
WNW	.7	1.1	.8	.2	.1	.1						2.9	6.7
NW	1.3	2.6	1.8	.4	.1							6.1	6.1
NNW	.8	1.4	.8	.4	.2	.1						3.6	7.0
VARBL													
CALM												31.9	
	16.8	28.1	17.7	4.4	1.0	.2						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 1952

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-44, 52-70  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.1	3.2	.6	.1							7.0	7.1
NNE	.8	2.0	2.1	1.0	.1							5.9	7.4
NE	.8	2.8	2.7	.6	.1							7.0	6.8
ENE	.7	2.1	1.4									4.3	5.6
E	1.6	2.9	1.5	.6								6.6	5.7
ESE	1.0	2.0	.9									5.1	5.1
SE	2.4	3.1	3.2	.6	.1							11.4	5.1
SSE	1.2	3.4	1.8	.6	.1							7.1	6.0
S	1.6	1.7	2.6	1.2	.3	.1	.1					7.6	7.8
SSW	.4	.6	.7	.3	.2	.1						2.3	8.7
SW	.3	.7	.9	.3	.3							2.5	8.8
WSW	.5	.8	.9	.1	.2							2.6	7.5
W	.8	1.4	1.5	.7	.5							4.9	8.2
WNW	.6	1.1	1.1	.8	.2							3.7	8.1
NW	.7	1.8	2.1	1.2	.3							6.0	8.1
NNW	.4	1.6	1.4	1.0	.2							4.7	8.3
VARS													
CALM												12.8	
	14.8	32.2	27.9	9.6	2.5	.2	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

1951

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-44, 52-70  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURLY (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	.9	2.6	3.3	1.8								8.6	7.8
NNE	.7	1.7	2.2	.5								5.1	7.0
NE	.5	2.0	2.6	.5								3.6	7.1
ENE	.7	1.3	1.1	.2								3.2	6.3
E	1.8	2.7	1.2	.2								5.9	5.2
ESE	1.0	1.6	1.0	.5	.1	.1						4.1	6.3
SE	.9	3.0	2.7	.4								7.0	6.3
SSE	.7	1.6	1.8	.8	.1							5.1	7.4
S	1.1	2.5	2.5	2.1	.3	.1						9.8	8.6
SSW	.3	1.1	2.3	1.4	.2	.1						5.4	9.6
SW	.6	1.4	1.7	1.5	.1	.1						5.3	8.8
WSW	.6	1.2	.8	.4								3.0	6.4
W	.9	2.3	1.7	1.0	.2							6.0	7.4
WNW	.6	1.1	1.5	1.2	.3	.2						5.1	9.6
NW	.7	2.0	1.8	2.0	.3							6.9	8.7
NNW	.6	1.3	1.9	1.3	.1							5.2	8.4
VARBL													
CALM												8.7	
	12.5	29.6	31.0	15.8	2.0	.4						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

19934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-44, 52-70  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.4	3.0	1.1	.2							7.7	7.4
NNE	.8	2.1	2.1	.3	.1							5.3	6.4
NE	.9	3.1	2.6	.5								7.1	6.5
ENE	1.0	1.4	.6	.3								3.3	5.3
E	1.8	2.7	.9	.4								5.8	4.9
ESE	.7	2.0	1.0	.3								3.9	5.9
SE	.7	2.3	2.0	.6	.1							5.7	6.9
SSE	.6	1.4	1.9	.5		.1						4.4	7.3
S	1.3	3.9	4.1	1.8	.3							11.5	7.7
SSW	.7	1.7	1.7	.9	.2							5.3	7.8
SW	.7	1.7	1.2	.6	.2							4.4	7.2
WSW	.4	.6	.3	.1	.1							1.4	6.0
W	.9	1.9	.9	.5								4.2	6.2
WNW	.7	2.3	1.2	.8	.2							5.1	7.1
NW	.7	2.5	3.1	1.7	.4							8.3	8.5
N <sup>W</sup> W	.4	1.6	2.0	1.3	.3							5.5	8.6
VARBL													
CALM												11.1	
	13.3	33.5	28.8	11.6	1.7	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-44, 52-70  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	2.7	2.4	.7	.1							6.7	6.7
NNE	.9	2.0	1.5	.4	.1	.1						5.0	6.6
NE	2.0	3.3	2.2	.2								7.6	5.4
ENE	1.8	1.5	.6	.2								4.0	4.3
E	1.4	1.4	.7	.4								3.8	3.1
ESE	1.0	1.7	1.0	.3								3.9	3.7
SE	1.7	2.9	1.3	.2								6.0	3.2
SSE	1.6	3.1	2.0	.5	.1							7.3	5.9
S	2.9	4.2	2.9	.9	.2							11.1	6.0
SSW	.7	.9	.6	.5								2.7	6.6
SW	.7	1.4	.3	.1								2.5	4.9
WSW	.3	.6	.3	.1								1.2	5.3
W	.8	.8	.7	.2	.1							2.5	6.2
WNW	.5	1.0	.8	.4		.1						2.3	7.0
NW	1.2	1.8	2.2	1.2	.2		.1					6.7	7.8
NNW	.4	1.4	1.5	.5	.1							3.7	7.4
VARBL													
CALM												22.7	
	18.5	30.8	20.7	6.5	.6	.1	.1					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 1953

C  
2  
C

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13934 STATION      ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME      43-44, 52-70 YEARS      DEC MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	2.1	.7	.1							5.8	6.8
NNE	1.0	1.6	1.5	.6								4.7	6.5
NE	1.6	3.1	2.1	.2								7.0	5.6
ENE	1.7	1.2	.5	.2								3.5	4.6
E	1.5	1.4	1.0	.3								4.2	5.1
ESE	1.0	1.3	.5	.3								3.1	5.1
SE	1.5	2.7	1.5	.5								6.1	5.8
SSE	1.5	1.9	1.7	.3	.1							5.4	5.7
S	2.8	3.4	2.9	1.3	.1							10.5	6.1
SSW	.7	1.1	.7	.4	.1							2.8	6.6
SW	.3	1.4	.6	.2	.1							2.5	6.3
WSW	.5	.9	.3	.1								1.7	4.9
W	.6	1.1	.9	.2	.2							3.0	7.1
WNW	.5	1.0	.9	.4	.1							2.9	7.1
NW	1.1	1.9	1.7	.5	.2	.1						5.5	7.1
NNW	.4	1.6	1.4	.5	.2							4.1	7.3
VARBL													
CALM												27.2	
	17.6	27.6	20.2	6.2	.9	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 1952

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13944  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

43-45, 52-70  
YEARS

ALL  
MONTH

INSTRUMENT

ALL  
HOURS (L..T.)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,  
CLASS

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE  
CONDITION

SPEED (KNTS) DIR.	1-3	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	3.4	3.5	1.1	.1	.0	.0					9.4	7.1
NNE	.9	2.2	2.3	.7	.1							6.2	7.0
NE	1.2	2.9	2.2	.7	.0	.0	.0					7.0	6.4
ENE	1.0	1.7	1.1	.2	.0	.0						4.1	5.9
E	1.4	2.6	1.5	.4	.0				.0			5.9	5.9
ESE	.9	1.9	1.1	.3	.1							4.3	6.1
SE	1.7	3.8	2.6	.7	.1	.0	.0	.0				9.0	6.3
SSE	1.5	2.8	2.0	.8	.1	.0	.0					7.4	6.7
S	1.8	3.5	2.2	1.5	.2	.0	.0					10.2	7.2
SSW	.6	1.0	1.0	.4	.1	.0						3.1	7.1
SW	.6	.9	.7	.3	.1	.0	.0					2.6	6.7
WSW	.3	.4	.3	.1	.0	.0						1.2	5.6
W	.5	.7	.7	.4	.1	.0						2.4	7.5
WNW	.4	.6	.7	.5	.1	.0						2.1	6.3
NW	.6	1.5	1.9	1.0	.2	.0	.0					5.1	8.2
NNW	.8	1.3	1.6	.7	.1	.0	.0	.0				4.6	7.8
VARBL													
CALM												15.4	
	15.3	31.0	26.5	10.0	1.4	.2	.0	.0	.0			100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 23494

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

## PART D CEILING VERSUS VISIBILITY

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

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

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

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1943 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																	
1800																	
1500					91.0												92.6
1200																	
1000																	
900																	
800																	
700																	
600																	
500										97.4							98.1
400																	
300																	
200																	
100					95.4		96.9			98.3							100.0
0																	

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

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

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

#### ADDITIONAL EXAMPLES

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

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

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

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

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

13574 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45-52-70 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

HOURLY (H.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.8	50.6	52.0	52.7	53.4	53.5	53.8	54.0	54.0	54.2	54.3	54.3	54.4	54.4	54.5	54.6
≥ 20000	48.3	58.8	60.3	61.1	61.9	62.0	62.2	62.3	62.3	62.5	62.8	62.9	63.0	63.0	63.1	63.2
IV 18000	48.5	59.0	60.5	61.3	62.1	62.2	62.6	62.7	62.8	63.0	63.1	63.1	63.2	63.2	63.3	63.4
IV 16000	48.7	59.2	60.7	61.6	62.4	62.5	62.8	63.0	63.0	63.2	63.2	63.3	63.3	63.3	63.4	63.7
IV 14000	49.4	60.1	61.7	62.5	63.3	63.4	63.8	63.9	64.0	64.2	64.3	64.3	64.4	64.4	64.5	64.6
IV 12000	50.4	61.6	63.1	64.0	64.9	65.0	65.3	65.3	65.5	65.7	65.9	65.9	66.0	66.0	66.1	66.2
IV 10000	51.9	63.7	65.4	66.3	67.1	67.2	67.6	67.8	67.8	68.0	68.2	68.2	68.3	68.3	68.4	68.5
IV 9000	52.3	64.3	66.0	66.9	67.8	67.9	68.2	68.4	68.5	68.7	68.8	68.8	68.9	68.9	69.1	69.2
IV 8000	53.3	65.8	67.6	68.6	69.5	69.6	70.0	70.1	70.2	70.4	70.5	70.5	70.7	70.7	70.8	70.9
IV 7000	54.2	67.1	69.0	70.0	70.9	71.0	71.4	71.6	71.6	71.9	72.0	72.0	72.1	72.1	72.2	72.4
IV 6000	54.7	67.9	69.8	70.8	71.7	71.9	72.3	72.5	72.5	72.8	72.9	72.9	73.0	73.0	73.1	73.3
IV 5000	55.7	69.2	71.2	72.3	73.2	73.3	73.6	73.9	74.6	74.2	74.3	74.4	74.5	74.5	74.6	74.7
IV 4500	56.1	69.9	71.9	73.0	74.0	74.1	74.5	74.7	74.7	75.0	75.1	75.1	75.2	75.3	75.4	75.5
IV 4000	57.1	71.4	73.4	74.5	75.5	75.7	76.1	76.3	76.3	76.6	76.7	76.7	76.9	76.9	77.0	77.1
IV 3500	58.0	72.6	74.7	75.8	76.9	77.0	77.4	77.6	77.7	77.9	78.1	78.1	78.1	78.2	78.3	78.5
IV 3000	58.2	74.4	76.6	77.8	78.9	79.0	79.5	79.7	79.7	80.0	80.1	80.1	80.3	80.3	80.4	80.5
IV 2500	60.4	76.2	78.5	79.8	80.9	81.0	81.5	81.7	81.8	82.0	82.2	82.2	82.3	82.3	82.4	82.5
IV 2000	61.7	78.4	80.8	82.2	83.4	83.5	84.0	84.2	84.3	84.6	84.7	84.7	84.9	84.9	85.0	85.1
IV 1800	62.1	79.0	81.5	82.9	84.1	84.2	84.7	85.0	85.0	85.3	85.4	85.4	85.6	85.6	85.7	85.8
IV 1500	63.0	80.7	83.2	84.7	86.0	86.1	86.7	86.9	87.0	87.3	87.4	87.4	87.6	87.6	87.7	87.8
IV 1200	63.8	82.4	84.9	86.4	87.7	87.8	88.3	88.5	88.6	89.1	89.2	89.2	89.6	89.6	89.8	89.9
IV 1000	64.2	83.5	86.0	87.5	88.8	88.9	89.3	89.6	89.6	90.1	90.1	90.1	90.6	90.6	90.9	91.0
IV 900	64.4	84.1	86.6	88.1	89.4	89.5	90.0	90.2	90.5	91.0	91.1	91.1	91.7	91.7	91.9	92.0
IV 800	64.5	84.7	87.2	88.7	90.0	90.1	90.6	90.8	91.1	91.6	91.7	91.7	92.0	92.0	92.2	92.3
IV 700	64.6	85.2	87.7	89.2	90.5	90.6	91.1	91.3	91.6	92.1	92.2	92.2	92.6	92.6	92.8	92.9
IV 600	64.7	85.6	88.1	89.6	90.9	91.0	91.5	91.7	92.0	92.5	92.6	92.6	93.1	93.1	93.3	93.4
IV 500	64.8	86.0	88.5	90.0	91.3	91.4	91.9	92.1	92.4	92.9	93.0	93.0	93.5	93.5	93.7	93.7
IV 400	64.8	86.2	88.7	90.2	91.5	91.6	92.1	92.3	92.6	93.1	93.2	93.2	93.7	93.7	93.9	94.0
IV 300	64.8	86.3	88.8	90.3	91.6	91.7	92.2	92.4	92.7	93.2	93.3	93.3	93.8	93.8	94.0	94.1
IV 200	64.8	86.3	88.8	90.3	91.6	91.7	92.2	92.4	92.7	93.2	93.3	93.3	93.8	93.8	94.0	94.1
IV 100	64.8	86.3	88.8	90.3	91.6	91.7	92.2	92.4	92.7	93.2	93.3	93.3	93.8	93.8	94.0	94.1
IV 0	64.8	86.3	88.8	90.3	91.6	91.7	92.2	92.4	92.7	93.2	93.3	93.3	93.8	93.8	94.0	94.1

TOTAL NUMBER OF OBSERVATIONS 183712

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13924 ENGLAND AFB LUMBERMAN/ALEXANDRIA 44-45-53-70 YEARS JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

HOURLY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.8	39.4	40.2	40.6	41.3	41.3	41.6	41.7	41.8	41.9	41.9	42.0	42.0	42.1	42.1	42.3
≥ 20000	39.7	43.4	46.4	46.9	47.7	47.8	48.1	48.3	48.3	48.5	48.6	48.6	48.7	48.7	48.8	49.0
IV 18000	40.0	45.7	46.6	47.2	48.0	48.1	48.4	48.6	48.6	48.8	48.8	48.9	49.0	49.0	49.1	49.3
IV 16000	40.1	45.9	46.9	47.4	48.2	48.3	48.7	48.8	48.8	49.0	49.1	49.1	49.2	49.2	49.3	49.5
IV 14000	40.7	46.6	47.6	48.1	48.9	49.0	49.4	49.6	49.6	49.8	49.9	49.9	50.0	50.0	50.1	50.3
IV 12000	41.4	47.5	48.5	49.0	49.9	49.9	50.3	50.5	50.5	50.7	50.8	50.8	50.9	51.0	51.0	51.2
IV 10000	42.9	49.3	50.3	50.9	51.7	51.8	52.2	52.3	52.4	52.6	52.7	52.7	52.8	52.8	52.9	53.1
IV 9000	43.3	49.9	50.9	51.5	52.3	52.4	52.8	53.0	53.0	53.2	53.4	53.4	53.5	53.5	53.6	53.8
IV 8000	44.3	51.3	52.4	53.0	53.9	54.0	54.5	54.6	54.7	54.9	55.0	55.0	55.1	55.1	55.2	55.4
IV 7000	45.6	53.1	54.3	54.9	55.8	55.9	56.4	56.6	56.6	56.8	56.9	57.0	57.1	57.1	57.2	57.4
IV 6000	46.5	54.4	55.6	56.4	57.3	57.4	57.9	58.1	58.1	58.3	58.4	58.4	58.5	58.6	58.6	58.8
IV 5000	48.0	56.6	57.7	58.6	59.6	59.7	60.2	60.4	60.4	60.7	60.8	60.8	60.9	60.9	61.0	61.2
IV 4500	48.6	57.6	58.9	59.7	60.7	60.8	61.3	61.5	61.5	61.8	61.9	61.9	62.0	62.0	62.1	62.3
IV 4000	49.6	59.2	60.6	61.5	62.6	62.7	63.2	63.5	63.5	63.7	63.9	63.9	64.0	64.0	64.1	64.3
IV 3500	50.5	60.8	62.3	63.2	64.3	64.4	65.0	65.2	65.3	65.5	65.6	65.6	65.8	65.8	65.9	66.1
IV 3000	51.7	62.6	64.2	65.3	66.6	66.7	67.3	67.5	67.6	67.8	67.9	68.0	68.1	68.1	68.2	68.4
IV 2500	52.9	64.5	66.3	67.5	68.9	69.0	69.6	69.8	69.9	70.1	70.3	70.3	70.4	70.4	70.5	70.7
IV 2000	54.5	67.2	69.2	70.5	72.6	72.7	73.3	73.5	73.6	73.8	73.9	74.0	74.1	74.1	74.2	74.4
IV 1800	54.9	67.9	70.0	71.4	72.9	73.0	73.7	74.0	74.1	74.3	74.4	74.4	74.6	74.6	74.7	74.9
IV 1500	56.2	70.1	72.3	73.9	75.5	75.6	76.3	76.7	76.8	77.0	77.1	77.1	77.3	77.3	77.4	77.6
IV 1200	57.5	73.0	75.5	77.2	79.0	79.1	79.9	80.3	80.4	80.6	80.8	80.8	80.9	81.0	81.0	81.3
IV 1000	58.3	74.9	77.7	79.5	81.5	81.6	82.5	82.9	83.0	83.3	83.4	83.4	83.6	83.6	83.7	84.0
IV 900	58.6	75.9	79.0	81.0	83.0	83.2	84.1	84.5	84.7	84.9	85.1	85.1	85.3	85.3	85.4	85.6
IV 800	58.8	77.0	80.3	82.5	84.7	84.9	85.9	86.4	86.5	86.8	86.9	87.0	87.1	87.2	87.3	87.5
IV 700	59.1	77.9	81.6	84.0	86.5	86.7	87.9	88.4	88.5	88.9	89.1	89.1	89.2	89.3	89.4	89.6
IV 600	59.3	78.7	82.6	85.2	88.1	88.4	89.9	90.5	90.6	91.1	91.3	91.3	91.5	91.6	91.7	91.9
IV 500	59.3	79.2	83.4	86.2	89.6	89.9	91.7	92.5	92.7	93.3	93.6	93.6	93.8	93.8	93.9	94.2
IV 400	59.4	79.4	83.7	86.8	90.5	90.9	93.0	94.0	94.3	95.0	95.4	95.4	95.6	95.7	95.8	96.0
IV 300	59.4	79.4	83.9	87.0	90.9	91.3	93.7	94.9	95.2	96.2	96.6	96.6	96.9	97.0	97.2	97.5
IV 200	59.4	79.5	83.9	87.0	91.0	91.4	93.9	95.2	95.6	96.8	97.4	97.4	97.9	98.1	98.4	98.7
IV 100	59.4	79.5	83.9	87.0	91.0	91.4	93.9	95.2	95.6	96.9	97.5	97.6	98.2	98.4	98.9	99.4
IV 0	59.4	79.5	83.9	87.0	91.0	91.4	93.9	95.2	95.6	96.9	97.5	97.6	98.2	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 14879

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

1984 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-53-70

YEARS

FEB  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

ALL  
 HOURS (24 H)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	37.5	41.9	42.7	43.0	43.4	43.4	43.5	43.5	43.5	43.7	43.8	43.8	43.9	43.9	44.0	44.0
IVV 18000	42.1	47.3	48.2	48.6	49.0	49.0	49.1	49.2	49.2	49.4	49.4	49.4	49.6	49.6	49.6	49.7
IVV 16000	42.3	47.5	48.4	48.8	49.2	49.2	49.3	49.4	49.4	49.6	49.6	49.6	49.8	49.8	49.8	49.9
IVV 14000	42.5	47.8	48.7	49.1	49.5	49.5	49.6	49.7	49.7	49.9	49.9	49.9	50.0	50.1	50.1	50.2
IVV 12000	43.0	48.4	49.3	49.7	50.1	50.1	50.2	50.3	50.3	50.5	50.5	50.5	50.6	50.7	50.7	50.8
IVV 10000	44.2	49.9	50.8	51.2	51.6	51.6	51.7	51.8	51.8	52.0	52.1	52.1	52.2	52.2	52.3	52.4
IVV 9000	46.0	52.0	53.0	53.5	53.9	53.9	54.0	54.1	54.1	54.3	54.4	54.4	54.5	54.5	54.6	54.7
IVV 8000	46.9	53.1	54.1	54.5	55.0	55.0	55.1	55.2	55.2	55.4	55.5	55.5	55.6	55.6	55.6	55.8
IVV 7000	48.7	55.2	56.2	56.7	57.1	57.2	57.3	57.3	57.3	57.6	57.6	57.6	57.7	57.8	57.8	57.9
IVV 6000	50.1	57.0	58.1	58.6	59.1	59.1	59.2	59.3	59.3	59.5	59.6	59.6	59.7	59.7	59.8	59.9
IVV 5000	51.0	58.4	59.5	60.0	60.5	60.5	60.7	60.7	60.7	60.9	61.0	61.0	61.1	61.2	61.2	61.3
IVV 4500	52.4	60.3	61.3	62.0	62.6	62.6	62.7	62.8	62.8	63.0	63.1	63.1	63.2	63.2	63.3	63.4
IVV 4000	53.2	61.4	62.5	63.1	63.6	63.6	63.8	63.9	63.9	64.1	64.1	64.1	64.3	64.3	64.3	64.4
IVV 3500	54.4	62.9	64.2	64.8	65.4	65.4	65.6	65.6	65.6	65.9	65.9	65.9	66.0	66.1	66.1	66.2
IVV 3000	55.3	64.2	65.4	66.1	66.7	66.7	66.9	66.9	67.0	67.2	67.2	67.2	67.4	67.4	67.4	67.5
IVV 2500	56.6	66.1	67.5	68.2	68.8	68.8	69.0	69.1	69.1	69.3	69.4	69.4	69.5	69.5	69.6	69.7
IVV 2000	58.0	68.4	69.8	70.5	71.2	71.2	71.4	71.5	71.5	71.7	71.8	71.8	71.9	72.0	72.0	72.1
IVV 1800	59.8	71.6	73.2	74.0	74.8	74.8	75.0	75.1	75.1	75.4	75.4	75.4	75.6	75.6	75.6	75.7
IVV 1500	60.6	72.7	74.3	75.2	76.0	76.0	76.2	76.3	76.4	76.6	76.7	76.7	76.8	76.8	76.9	77.0
IVV 1200	61.9	73.4	75.3	76.3	77.2	77.2	77.5	77.7	77.7	77.9	78.0	78.0	78.1	78.2	78.2	78.3
IVV 1000	62.9	77.9	80.1	81.4	82.5	82.6	83.0	83.1	83.1	83.4	83.5	83.5	83.6	83.6	83.7	83.8
IVV 900	63.4	79.4	82.0	83.4	84.7	84.8	85.2	85.4	85.4	85.8	85.9	85.9	86.0	86.0	86.1	86.2
IVV 800	63.7	80.4	83.1	84.7	86.1	86.2	86.7	87.0	87.0	87.4	87.5	87.5	87.6	87.7	87.7	87.8
IVV 700	64.1	81.3	84.3	86.1	87.8	87.9	88.3	88.8	88.8	89.3	89.3	89.3	89.5	89.5	89.6	89.7
IVV 600	64.3	82.1	85.4	87.4	89.2	89.4	90.1	90.4	90.5	90.9	91.0	91.1	91.2	91.2	91.3	91.4
IVV 500	64.4	82.8	86.4	88.6	90.7	90.9	91.9	92.3	92.4	92.9	93.0	93.0	93.2	93.2	93.3	93.4
IVV 400	64.4	83.4	87.3	89.7	92.2	92.5	93.7	94.3	94.4	95.0	95.2	95.2	95.4	95.4	95.5	95.6
IVV 300	64.4	83.6	87.7	90.2	92.1	93.4	94.8	95.6	95.7	96.3	96.7	96.7	97.0	97.0	97.1	97.2
IVV 200	64.4	83.7	87.8	90.4	93.3	93.6	95.2	96.1	96.3	97.2	97.6	97.6	97.9	98.0	98.1	98.2
IVV 100	64.4	83.7	87.8	90.4	93.4	93.7	95.3	96.2	96.4	97.4	97.9	97.9	98.4	98.4	98.6	98.8
IVV 0	64.4	83.7	87.8	90.4	93.4	93.7	95.3	96.2	96.4	97.5	98.0	98.1	98.6	98.7	99.0	99.4

TOTAL NUMBER OF OBSERVATIONS 13338

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1337M ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

YEARS

MM

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURLY (L.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.3	44.8	45.6	46.0	46.3	46.3	46.5	46.5	46.5	46.6	46.7	46.7	46.7	46.7	46.7	46.8
≥ 20000	44.4	50.7	51.5	52.0	52.3	52.3	52.5	52.5	52.5	52.6	52.7	52.7	52.7	52.7	52.8	52.9
18000	44.6	50.9	51.8	52.2	52.5	52.6	52.7	52.8	52.8	52.9	52.9	52.9	53.0	53.0	53.0	53.1
16000	44.8	51.0	51.9	52.3	52.7	52.7	52.9	52.9	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.2
14000	45.5	51.8	52.7	53.1	53.5	53.5	53.6	53.7	53.7	53.8	53.9	53.9	53.9	53.9	53.9	54.0
12000	46.6	53.1	54.0	54.5	54.8	54.8	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.3	55.4
10000	48.0	54.8	55.7	56.1	56.5	56.5	56.7	56.8	56.8	56.8	56.9	56.9	56.9	56.9	57.0	57.1
9000	48.6	55.6	56.5	57.0	57.3	57.4	57.5	57.6	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.9
8000	49.6	57.3	58.2	58.7	59.1	59.1	59.3	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.6	59.7
7000	50.7	58.7	59.7	60.3	60.6	60.7	60.9	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.2	61.3
6000	51.4	59.6	60.7	61.4	61.8	61.9	62.0	62.1	62.1	62.3	62.3	62.3	62.4	62.4	62.4	62.5
5000	52.9	61.9	63.0	63.7	64.2	64.3	64.5	64.5	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.9
4500	53.6	62.9	64.0	64.7	65.2	65.3	65.5	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.9	66.0
4000	55.0	65.1	66.2	67.0	67.5	67.6	67.8	67.8	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.2
3500	55.9	66.6	67.8	68.5	69.1	69.2	69.4	69.5	69.5	69.6	69.7	69.7	69.7	69.7	69.8	69.9
3000	57.5	68.9	70.1	71.0	71.6	71.6	71.8	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.3	72.4
2500	59.1	71.3	72.6	73.5	74.1	74.2	74.5	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.9	75.0
2000	61.3	74.8	76.2	77.1	77.8	78.0	78.2	78.3	78.4	78.5	78.6	78.6	78.6	78.6	78.7	78.8
1800	62.0	76.0	77.5	78.5	79.3	79.4	79.7	79.8	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.2
1500	62.5	78.9	80.5	81.4	82.5	82.6	83.0	83.1	83.1	83.3	83.4	83.4	83.4	83.4	83.5	83.6
1200	64.9	82.1	84.1	85.4	86.4	86.6	86.9	87.1	87.1	87.3	87.4	87.4	87.4	87.4	87.5	87.6
1000	65.5	83.8	86.0	87.5	88.7	88.9	89.3	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.9	90.0
900	65.8	84.7	87.1	88.8	90.0	90.3	90.8	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.4	91.5
800	66.0	85.5	88.2	89.9	91.3	91.6	92.2	92.4	92.4	92.8	92.7	92.8	92.8	92.8	92.9	93.0
700	66.2	86.3	89.1	91.0	92.6	92.9	93.5	93.9	93.9	94.2	94.3	94.3	94.3	94.3	94.4	94.5
600	66.4	86.8	89.8	91.9	93.7	94.1	94.8	95.2	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.9
500	66.4	87.2	90.3	92.3	94.3	94.9	95.9	96.4	96.5	96.9	97.1	97.1	97.1	97.1	97.2	97.3
400	66.4	87.3	90.5	92.9	94.9	95.4	96.5	97.1	97.2	97.8	98.0	98.0	98.1	98.1	98.2	98.3
300	66.4	87.3	90.6	92.9	95.1	95.3	96.7	97.4	97.6	98.2	98.4	98.4	98.6	98.6	98.6	98.7
200	66.4	87.3	90.6	93.0	95.1	95.6	96.9	97.6	97.8	98.5	98.8	98.8	99.0	99.0	99.1	99.2
100	66.4	87.3	90.6	93.0	95.1	95.6	96.9	97.7	97.8	98.6	98.9	98.9	99.2	99.2	99.4	99.7
0	66.4	87.3	90.6	93.0	95.1	95.6	96.9	97.7	97.8	98.6	98.9	98.9	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 14848

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13824 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-43,52-70

YEARS

APR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
MONTHS (T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.3	44.1	45.0	45.4	43.7	43.8	46.0	46.1	46.1	46.3	46.3	46.3	46.4	46.4	46.5	46.5
IV 20000	44.9	51.8	52.9	53.4	53.8	53.8	54.1	54.2	54.2	54.4	54.4	54.4	54.6	54.6	54.6	54.7
IV 18000	45.0	51.9	53.1	53.6	53.9	54.0	54.2	54.3	54.4	54.5	54.6	54.6	54.7	54.7	54.7	54.8
IV 16000	45.2	52.1	53.3	53.8	54.1	54.2	54.4	54.6	54.6	54.7	54.8	54.8	54.9	54.9	55.0	55.0
IV 14000	45.9	52.9	54.1	54.6	54.9	55.0	55.2	55.4	55.4	55.6	55.6	55.6	55.7	55.7	55.8	55.9
IV 12000	46.8	54.1	55.3	55.8	56.1	56.2	56.5	56.6	56.6	56.8	56.8	56.9	56.9	57.0	57.1	57.1
IV 10000	48.0	55.9	57.0	57.5	57.9	58.0	58.3	58.4	58.4	58.6	58.7	58.7	58.8	58.8	58.8	58.9
IV 8000	48.3	56.4	57.6	58.1	58.5	58.6	58.8	59.0	59.0	59.2	59.2	59.2	59.3	59.3	59.4	59.5
IV 7000	49.6	57.9	59.2	59.7	60.1	60.2	60.5	60.7	60.7	60.9	60.9	60.9	61.0	61.0	61.1	61.1
IV 6000	46.8	54.1	55.3	55.8	56.1	56.2	56.5	56.6	56.6	56.8	56.8	56.9	56.9	57.0	57.1	57.1
IV 5000	51.3	60.3	61.6	62.2	62.7	62.8	63.0	63.2	63.2	63.4	63.5	63.5	63.6	63.6	63.6	63.7
IV 4500	52.4	61.8	63.3	63.9	64.4	64.5	64.7	64.9	64.9	65.1	65.2	65.2	65.3	65.3	65.3	65.4
IV 4000	53.0	62.7	64.2	64.8	65.3	65.5	65.7	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3	66.4
IV 3500	54.1	64.2	65.8	66.4	67.0	67.1	67.4	67.5	67.5	67.7	67.8	67.8	67.9	67.9	68.0	68.0
IV 3000	55.3	65.9	67.6	68.2	68.8	68.9	69.2	69.4	69.4	69.6	69.7	69.7	69.8	69.8	69.8	69.9
IV 2500	57.0	68.6	70.3	71.0	71.6	71.7	72.0	72.2	72.3	72.5	72.5	72.5	72.6	72.6	72.7	72.8
IV 2000	58.8	71.9	73.3	74.1	74.8	74.9	75.2	75.4	75.5	75.7	75.7	75.7	75.8	75.9	75.9	76.0
IV 1800	61.0	75.5	77.4	78.3	79.0	79.2	79.6	79.8	79.8	80.1	80.1	80.1	80.2	80.2	80.3	80.4
IV 1500	61.5	76.6	78.7	79.5	80.3	80.4	80.8	81.1	81.1	81.4	81.4	81.4	81.5	81.5	81.6	81.7
IV 1200	63.1	79.5	81.8	82.8	83.6	83.8	84.2	84.5	84.5	84.8	84.8	84.8	85.0	85.0	85.0	85.1
IV 1000	64.5	82.8	85.4	86.5	87.5	87.6	88.1	88.4	88.4	88.7	88.8	88.8	88.9	88.9	89.0	89.0
IV 900	65.1	84.4	87.2	88.5	89.5	89.7	90.2	90.6	90.6	91.0	91.0	91.0	91.1	91.2	91.2	91.3
IV 800	65.4	85.2	88.2	89.5	90.7	90.9	91.5	91.8	91.9	92.2	92.3	92.3	92.4	92.5	92.5	92.6
IV 700	65.6	85.8	89.0	90.5	91.7	92.0	92.7	93.1	93.1	93.5	93.6	93.6	93.7	93.7	93.8	93.9
IV 600	65.8	86.4	89.7	91.2	92.6	92.9	93.6	94.0	94.1	94.5	94.6	94.6	94.7	94.8	94.8	94.9
IV 500	65.9	86.8	90.2	91.9	93.4	93.7	94.5	95.0	95.1	95.6	95.7	95.7	95.8	95.8	95.9	96.0
IV 400	65.9	87.2	90.7	92.6	94.3	94.6	95.6	96.1	96.2	96.8	96.9	96.9	97.1	97.1	97.2	97.2
IV 300	66.0	87.4	91.0	93.0	94.7	95.1	96.3	96.8	97.0	97.7	97.8	97.9	98.1	98.1	98.2	98.2
IV 200	66.0	87.4	91.1	93.1	94.9	95.3	96.5	97.2	97.3	98.2	98.4	98.4	98.6	98.6	98.7	98.8
IV 100	66.0	87.5	91.1	93.1	95.0	95.3	96.6	97.4	97.6	98.5	98.9	98.9	99.2	99.2	99.4	99.4
IV 0	66.0	87.5	91.1	93.1	95.0	95.3	96.6	97.4	97.6	98.5	98.9	98.9	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 14722

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

13024 ENGLAND AFB LUISIANA/ALEXANDRIA 44-45,52-70 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

HOURLY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1½	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.0	51.7	52.9	53.5	54.0	54.1	54.4	54.5	54.5	54.7	54.7	54.7	54.9	54.9	54.9	54.9
IV 20000	52.1	61.3	62.7	63.4	64.0	64.1	64.4	64.5	64.7	64.8	64.8	65.0	65.0	65.0	65.1	65.1
IV 18000	52.1	61.4	62.8	63.5	64.1	64.2	64.5	64.6	64.8	64.9	64.9	65.1	65.1	65.1	65.2	65.2
IV 16000	52.3	61.6	63.0	63.7	64.3	64.4	64.7	64.8	64.9	65.0	65.1	65.1	65.3	65.3	65.4	65.4
IV 14000	52.8	62.4	63.8	64.5	65.1	65.2	65.5	65.6	65.7	65.9	66.0	66.0	66.1	66.1	66.2	66.2
IV 12000	53.8	63.6	65.2	66.0	66.6	66.7	67.1	67.2	67.2	67.4	67.5	67.5	67.6	67.6	67.7	67.8
IV 10000	55.2	65.9	67.4	68.2	68.8	68.9	69.3	69.4	69.4	69.6	69.7	69.7	69.8	69.9	69.9	70.0
IV 9630	55.5	66.3	67.9	68.7	69.3	69.4	69.7	69.9	69.9	70.1	70.2	70.2	70.3	70.3	70.4	70.5
IV 8000	56.6	67.9	69.5	70.2	70.9	71.0	71.3	71.5	71.5	71.7	71.8	71.8	71.9	72.0	72.0	72.1
IV 7001	57.1	68.9	70.6	71.4	72.1	72.2	72.6	72.7	72.7	72.9	73.0	73.0	73.2	73.2	73.3	73.3
IV 6000	57.5	69.5	71.2	72.0	72.8	72.8	73.2	73.4	73.4	73.6	73.7	73.7	73.8	73.8	73.9	74.0
IV 5000	58.4	70.7	72.4	73.3	74.0	74.1	74.5	74.6	74.6	74.8	74.9	74.9	75.1	75.1	75.2	75.2
IV 4500	58.8	71.3	73.0	73.9	74.7	74.7	75.1	75.3	75.3	75.5	75.6	75.6	75.7	75.7	75.8	75.9
IV 4000	59.2	73.1	74.9	75.8	76.6	76.7	77.1	77.2	77.2	77.5	77.6	77.6	77.7	77.7	77.8	77.8
IV 3500	61.5	74.8	76.6	77.6	78.4	78.4	78.8	79.0	79.0	79.2	79.3	79.3	79.5	79.5	79.6	79.6
IV 3000	62.4	77.2	79.1	80.1	80.9	81.0	81.4	81.6	81.6	81.8	81.9	81.9	82.0	82.1	82.1	82.2
IV 2500	63.2	79.8	81.8	82.8	83.7	83.7	84.1	84.3	84.3	84.5	84.6	84.6	84.8	84.8	84.9	84.9
IV 2000	66.9	82.4	84.6	85.6	86.5	86.6	87.0	87.2	87.2	87.5	87.6	87.6	87.7	87.7	87.8	87.9
IV 1800	67.3	83.2	85.5	86.6	87.5	87.6	88.0	88.2	88.2	88.4	88.5	88.5	88.7	88.7	88.8	88.8
IV 1500	68.1	85.0	87.4	88.5	89.4	89.5	90.0	90.2	90.2	90.4	90.5	90.5	90.7	90.7	90.8	90.8
IV 1200	69.1	86.6	89.2	90.4	91.5	91.6	92.1	92.3	92.3	92.5	92.7	92.7	92.8	92.8	92.9	92.9
IV 1000	69.5	87.6	90.3	91.6	92.7	92.8	93.3	93.6	93.6	93.8	94.0	94.0	94.1	94.1	94.2	94.2
IV 900	69.6	88.1	90.9	92.2	93.4	93.5	94.1	94.3	94.4	94.6	94.7	94.7	94.9	94.9	95.0	95.0
IV 800	69.7	88.6	91.5	93.0	94.2	94.3	94.9	95.2	95.2	95.5	95.6	95.6	95.8	95.8	95.9	95.9
IV 700	69.8	89.0	92.1	93.7	95.0	95.1	95.8	96.1	96.1	96.4	96.5	96.5	96.7	96.7	96.8	96.8
IV 600	69.9	89.3	92.5	94.1	95.5	95.7	96.4	96.8	96.8	97.1	97.2	97.2	97.3	97.4	97.4	97.5
IV 500	69.9	89.6	92.8	94.5	96.1	96.2	97.1	97.5	97.6	97.9	98.0	98.0	98.2	98.2	98.3	98.3
IV 400	69.9	89.6	92.9	94.7	96.3	96.5	97.5	97.9	97.9	98.2	98.4	98.4	98.6	98.6	98.7	98.8
IV 300	69.9	89.7	93.0	94.8	96.5	96.6	97.6	98.1	98.1	98.5	98.7	98.7	99.0	99.0	99.1	99.2
IV 200	69.9	89.7	93.0	94.8	96.5	96.7	97.7	98.1	98.2	98.6	98.9	98.9	99.2	99.2	99.4	99.6
IV 100	69.9	89.7	93.0	94.8	96.5	96.7	97.7	98.2	98.2	98.7	98.9	98.9	99.3	99.3	99.6	99.8
IV 0	69.9	89.7	93.0	94.8	96.5	96.7	97.7	98.2	98.2	98.7	98.9	98.9	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 15622

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 52-70 YEARS JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

(NO. OF HOURS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	49.2	59.8	61.2	61.8	62.5	62.5	62.7	62.8	62.8	63.0	63.1	63.1	63.2	63.2	63.2	63.2
IVV 18000 16000	58.2	71.1	72.7	73.3	74.1	74.1	74.4	74.5	74.5	74.7	74.8	74.8	74.9	74.9	74.9	75.0
IVV 14000 12000	58.3	71.3	72.9	73.5	74.3	74.3	74.6	74.7	74.7	74.9	75.0	75.0	75.1	75.1	75.1	75.2
IVV 10000 9000	58.5	71.6	73.1	73.8	74.5	74.6	74.8	75.0	75.0	75.2	75.3	75.3	75.3	75.3	75.4	75.4
IVV 8000 7000	59.2	72.6	74.2	74.9	75.6	75.7	76.0	76.1	76.1	76.3	76.4	76.4	76.4	76.4	76.5	76.5
IVV 6000 5000	60.0	73.9	75.5	76.2	77.0	77.1	77.3	77.4	77.5	77.7	77.8	77.8	77.8	77.8	77.9	77.9
IVV 4500 4000	61.4	75.9	77.6	78.4	79.2	79.2	79.5	79.6	79.6	79.9	79.9	80.0	80.0	80.0	80.1	80.1
IVV 3500 3000	61.7	76.3	78.0	78.7	79.5	79.6	79.9	80.0	80.0	80.2	80.3	80.3	80.4	80.4	80.5	80.5
IVV 2500 2000	62.7	77.8	79.6	80.3	81.2	81.3	81.5	81.7	81.7	81.9	82.0	82.0	82.0	82.0	82.1	82.2
IVV 1800 1500	63.4	78.9	80.7	81.5	82.3	82.4	82.7	82.8	82.9	83.1	83.2	83.2	83.3	83.3	83.3	83.3
IVV 1200 1000	63.8	79.5	81.2	82.0	82.9	83.0	83.3	83.4	83.4	83.6	83.7	83.7	83.8	83.8	83.9	83.9
IVV 900 800	64.4	80.3	82.1	82.9	83.8	83.8	84.2	84.3	84.3	84.5	84.6	84.6	84.7	84.7	84.7	84.8
IVV 700 600	64.8	80.9	82.7	83.5	84.4	84.4	84.8	84.9	84.9	85.1	85.2	85.2	85.3	85.3	85.3	85.4
IVV 500 400	65.9	82.4	84.2	85.1	85.9	86.0	86.4	86.5	86.5	86.7	86.8	86.8	86.9	86.9	86.9	87.0
IVV 300 200	67.0	83.6	85.5	86.3	87.2	87.3	87.6	87.7	87.7	87.9	88.0	88.0	88.1	88.1	88.2	88.2
IVV 100 0	68.3	85.5	87.4	88.3	89.1	89.2	89.6	89.7	89.7	89.9	90.0	90.0	90.1	90.1	90.2	90.2
	69.7	87.4	89.3	90.2	91.1	91.2	91.5	91.6	91.7	91.9	92.0	92.0	92.0	92.0	92.1	92.2
	70.6	88.7	90.7	91.6	92.5	92.6	92.9	92.9	93.1	93.2	93.3	93.4	93.4	93.5	93.5	93.6
	70.8	89.1	91.1	92.0	92.9	93.0	93.4	93.5	93.5	93.8	93.9	93.9	93.9	93.9	94.0	94.0
	71.4	90.0	92.0	92.9	93.8	94.0	94.3	94.5	94.5	94.7	94.8	94.8	94.9	94.9	95.0	95.0
	71.9	90.8	93.0	93.9	94.9	95.0	95.3	95.5	95.5	95.8	95.8	95.8	95.9	95.9	96.0	96.0
	72.0	91.3	93.4	94.4	95.4	95.5	95.9	96.1	96.1	96.4	96.5	96.5	96.6	96.6	96.6	96.7
	72.2	91.6	93.8	94.8	95.8	95.9	96.3	96.4	96.5	96.7	96.8	96.8	96.9	96.9	97.0	97.0
	72.3	91.8	94.0	95.1	96.0	96.2	96.6	96.8	96.8	97.1	97.2	97.2	97.3	97.3	97.4	97.4
	72.4	92.2	94.5	95.6	96.6	96.7	97.2	97.3	97.4	97.7	97.8	97.8	97.9	97.9	98.0	98.0
	72.4	92.5	94.9	96.0	97.1	97.3	97.7	97.9	97.9	98.2	98.3	98.3	98.4	98.4	98.5	98.5
	72.5	92.7	95.2	96.3	97.3	97.6	98.2	98.3	98.4	98.7	98.8	98.8	98.9	98.9	99.0	99.1
	72.5	92.8	95.3	96.5	97.7	97.8	98.4	98.6	98.6	98.9	99.1	99.1	99.2	99.2	99.3	99.3
	72.5	92.8	95.4	96.6	97.8	98.0	98.6	98.8	98.8	99.2	99.4	99.4	99.5	99.5	99.6	99.6
	72.5	92.8	95.4	96.6	97.9	98.0	98.6	98.8	98.8	99.2	99.4	99.4	99.6	99.6	99.8	99.9
	72.5	92.8	95.4	96.6	97.9	98.0	98.6	98.8	98.8	99.2	99.4	99.4	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 15111

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13884 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-43,52-70 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

HOURLY (L.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	44.9	56.2	57.6	58.3	58.8	58.9	59.1	59.2	59.2	59.3	59.4	59.4	59.5	59.5	59.5	59.5
IVM 18000 16000	55.4	67.5	71.1	71.9	72.5	72.5	72.6	72.8	72.9	73.0	73.1	73.1	73.2	73.2	73.2	73.3
IVM 14000 12000	55.7	67.7	71.4	72.2	72.8	72.8	73.1	73.1	73.2	73.3	73.4	73.4	73.5	73.5	73.5	73.6
IVM 10000 9000	55.9	70.8	71.6	72.4	73.0	73.1	73.4	73.4	73.4	73.6	73.7	73.7	73.8	73.8	73.8	73.8
IVM 8000 7000	56.8	71.4	73.1	73.9	74.3	74.6	74.6	74.9	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.3
IVM 6000 5000	58.4	73.8	75.5	76.4	77.0	77.0	77.3	77.4	77.4	77.6	77.7	77.7	77.8	77.8	77.8	77.9
IVM 4500 4000	61.0	77.5	79.4	80.3	81.0	81.0	81.3	81.4	81.4	81.6	81.7	81.7	81.8	81.8	81.8	81.8
IVM 3500 3000	61.3	78.1	80.0	81.0	81.6	81.7	82.0	82.0	82.1	82.2	82.4	82.4	82.4	82.4	82.5	82.5
IVM 2500 2000	62.4	79.8	81.7	82.8	83.4	83.5	83.8	83.9	83.9	84.1	84.2	84.2	84.3	84.3	84.3	84.4
IVM 1800 1500	62.9	80.8	82.7	83.8	84.5	84.6	84.9	84.9	85.0	85.1	85.3	85.3	85.3	85.3	85.4	85.4
IVM 1200 1000	63.1	81.2	83.2	84.3	85.0	85.1	85.4	85.4	85.5	85.6	85.8	85.8	85.8	85.8	85.9	85.9
IVM 900 800	63.7	82.0	84.1	85.2	85.9	85.9	86.3	86.3	86.4	86.5	86.6	86.7	86.7	86.7	86.8	86.8
IVM 700 600	63.9	82.4	84.5	85.6	86.3	86.3	86.7	86.7	86.8	86.9	87.1	87.1	87.1	87.1	87.2	87.2
IVM 500 400	64.7	83.6	85.7	86.9	87.6	87.6	87.9	88.0	88.0	88.2	88.3	88.4	88.4	88.4	88.5	88.5
IVM 300 200	63.6	84.8	86.9	88.1	88.8	88.8	89.2	89.2	89.3	89.5	89.6	89.6	89.6	89.6	89.7	89.7
IVM 100 0	64.7	86.5	88.7	89.9	90.6	90.7	91.1	91.1	91.2	91.4	91.5	91.5	91.6	91.6	91.7	91.7
	67.7	87.8	90.1	91.4	92.2	92.3	92.6	92.7	92.7	92.9	93.0	93.0	93.1	93.1	93.2	93.2
	68.5	89.0	91.3	92.6	93.4	93.5	93.8	94.0	94.0	94.2	94.4	94.4	94.4	94.4	94.5	94.5
	68.7	89.3	91.6	93.0	93.8	93.9	94.3	94.4	94.4	94.6	94.7	94.7	94.8	94.8	94.9	94.9
	69.1	90.0	92.4	93.8	94.6	94.7	95.1	95.2	95.2	95.4	95.6	95.6	95.6	95.7	95.7	95.7
	69.4	90.5	92.9	94.3	95.2	95.3	95.7	95.8	95.8	96.0	96.1	96.1	96.2	96.2	96.3	96.3
	69.6	91.0	93.5	94.9	95.7	95.9	96.3	96.4	96.4	96.6	96.8	96.8	96.8	96.9	96.9	96.9
	69.6	91.2	93.7	95.1	96.0	96.1	96.5	96.6	96.7	96.9	97.0	97.0	97.1	97.1	97.2	97.2
	69.7	91.5	94.0	95.4	96.4	96.5	96.9	97.0	97.0	97.2	97.4	97.4	97.5	97.5	97.6	97.6
	69.8	91.7	94.3	95.7	96.7	96.8	97.2	97.3	97.3	97.6	97.7	97.7	97.8	97.8	97.9	97.9
	69.9	91.9	94.5	96.0	97.0	97.1	97.5	97.7	97.7	97.9	98.1	98.1	98.2	98.2	98.3	98.3
	69.9	92.1	94.8	96.3	97.4	97.5	98.0	98.1	98.2	98.4	98.5	98.5	98.6	98.6	98.7	98.8
	70.0	92.2	95.0	96.6	97.7	97.8	98.3	98.5	98.5	98.8	98.9	98.9	99.0	99.0	99.1	99.2
	70.0	92.4	95.1	96.7	97.9	98.0	98.5	98.7	98.7	99.1	99.2	99.2	99.4	99.4	99.5	99.5
	70.0	92.4	95.1	96.7	97.9	98.1	98.6	98.8	98.8	99.1	99.2	99.4	99.5	99.5	99.7	99.8
	70.0	92.4	95.1	96.7	97.9	98.1	98.6	98.8	98.8	99.2	99.4	99.4	99.6	99.6	99.9	99.9
	70.0	92.4	95.1	96.7	97.9	98.1	98.6	98.8	98.8	99.2	99.4	99.4	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 15623

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13974 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-52-70 YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

HOURLY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.5	57.9	59.5	60.4	61.2	61.3	61.6	61.8	61.8	62.0	62.1	62.1	62.1	62.1	62.1	62.2
IV 20000	55.1	70.7	72.6	73.5	74.4	74.5	74.9	75.0	75.1	75.2	75.3	75.3	75.4	75.4	75.4	75.5
IV 18000	55.2	70.9	72.8	73.8	74.6	74.7	75.1	75.3	75.3	75.5	75.5	75.5	75.6	75.6	75.7	75.7
IV 16000	55.4	71.2	73.1	74.0	74.9	75.0	75.4	75.6	75.6	75.8	75.8	75.9	75.9	75.9	76.0	76.0
IV 14000	56.4	72.5	74.4	75.4	76.2	76.3	76.7	76.9	76.9	77.1	77.2	77.2	77.2	77.2	77.3	77.3
IV 12000	58.0	74.8	76.8	77.9	78.8	78.9	79.3	79.5	79.5	79.7	79.8	79.8	79.8	79.9	79.9	79.9
IV 10000	60.0	77.9	80.1	81.3	82.2	82.3	82.7	82.9	82.9	83.1	83.2	83.2	83.2	83.2	83.3	83.3
IV 9000	60.4	78.5	80.8	81.9	82.9	83.0	83.4	83.6	83.6	83.8	83.9	83.9	83.9	83.9	84.0	84.0
IV 8000	61.4	80.3	82.6	83.8	84.8	84.9	85.3	85.5	85.6	85.8	85.8	85.8	85.9	85.9	86.0	86.0
IV 7000	62.0	81.1	83.6	84.8	85.7	85.9	86.3	86.5	86.5	86.7	86.8	86.8	86.8	86.9	86.9	87.0
IV 6000	62.2	81.5	83.9	85.2	86.2	86.3	86.7	86.9	86.9	87.1	87.2	87.2	87.3	87.3	87.4	87.4
IV 5000	62.6	82.2	84.7	86.0	87.0	87.1	87.5	87.7	87.8	88.0	88.0	88.0	88.1	88.1	88.2	88.2
IV 4500	62.9	82.6	85.2	86.4	87.4	87.5	88.0	88.2	88.2	88.4	88.5	88.5	88.5	88.6	88.6	88.6
IV 4000	63.7	83.6	86.1	87.4	88.4	88.6	89.0	89.2	89.2	89.4	89.5	89.5	89.6	89.6	89.7	89.7
IV 3500	64.2	84.4	86.9	88.2	89.3	89.4	89.8	90.1	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.6
IV 3000	65.2	85.7	88.4	89.7	90.8	91.0	91.4	91.6	91.6	91.8	91.9	91.9	92.0	92.0	92.1	92.1
IV 2500	65.9	86.8	89.5	90.8	91.9	92.1	92.5	92.7	92.8	93.0	93.1	93.1	93.1	93.1	93.2	93.2
IV 2000	66.6	87.9	90.6	92.0	93.1	93.3	93.7	94.0	94.0	94.2	94.3	94.3	94.4	94.4	94.5	94.5
IV 1800	66.7	88.1	90.9	92.3	93.4	93.6	94.0	94.3	94.3	94.5	94.6	94.6	94.7	94.7	94.8	94.8
IV 1500	67.0	88.6	91.5	92.9	94.1	94.3	94.7	95.0	95.0	95.2	95.3	95.3	95.4	95.4	95.5	95.5
IV 1200	67.3	89.2	92.1	93.5	94.7	94.9	95.4	95.6	95.7	95.9	96.0	96.0	96.1	96.1	96.2	96.2
IV 1000	67.4	89.4	92.3	93.8	95.1	95.2	95.8	96.0	96.1	96.3	96.4	96.4	96.5	96.5	96.5	96.6
IV 900	67.5	89.5	92.5	94.0	95.3	95.4	96.0	96.2	96.2	96.5	96.6	96.6	96.6	96.7	96.7	96.7
IV 800	67.5	89.7	92.7	94.3	95.5	95.7	96.3	96.5	96.5	96.8	96.8	96.8	96.9	96.9	97.0	97.1
IV 700	67.6	89.9	92.9	94.5	95.8	96.0	96.5	96.8	96.8	97.0	97.1	97.1	97.2	97.2	97.3	97.3
IV 600	67.6	90.1	93.2	94.8	96.1	96.3	96.9	97.1	97.2	97.4	97.5	97.5	97.6	97.6	97.7	97.7
IV 500	67.7	90.3	93.5	95.2	96.6	96.8	97.4	97.7	97.7	98.0	98.1	98.1	98.2	98.3	98.3	98.3
IV 400	67.7	90.5	93.7	95.4	96.9	97.1	97.7	98.0	98.1	98.4	98.5	98.5	98.6	98.6	98.7	98.8
IV 300	67.7	90.6	93.9	95.6	97.1	97.3	98.0	98.3	98.4	98.8	98.9	98.9	99.0	99.1	99.2	99.2
IV 200	67.7	90.6	93.9	95.6	97.2	97.4	98.1	98.4	98.5	98.9	99.1	99.1	99.2	99.3	99.5	99.5
IV 100	67.7	90.6	93.9	95.6	97.2	97.4	98.1	98.4	98.5	99.0	99.2	99.2	99.5	99.5	99.7	99.8
IV 0	67.7	90.6	93.9	95.6	97.2	97.4	98.1	98.4	98.5	99.0	99.2	99.2	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 15624

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1984 — ENGLAND AFB, LOUISIANA/ALEXANDRIA — 43-45, 52-70 — YEARS — SEP

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NO. ALLY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.8	56.7	58.6	59.7	60.5	60.7	61.2	61.4	61.5	61.7	61.8	61.8	61.9	61.9	62.0	62.0
≥ 20000	51.4	65.4	67.5	68.7	69.6	69.8	70.4	70.4	70.7	70.9	71.0	71.0	71.1	71.1	71.2	71.2
IV 18000	51.6	65.6	67.8	68.9	69.9	70.1	70.7	70.9	71.0	71.2	71.3	71.3	71.4	71.4	71.5	71.6
IV 16000	51.9	65.9	68.1	69.3	70.2	70.4	71.0	71.3	71.3	71.6	71.6	71.6	71.8	71.8	71.8	71.9
IV 14000	52.7	67.1	69.3	70.5	71.5	71.7	72.3	72.5	72.5	72.8	72.8	72.9	73.1	73.1	73.1	73.2
IV 12000	53.6	68.7	71.0	72.2	73.2	73.4	74.0	74.3	74.3	74.6	74.6	74.7	74.7	74.8	74.8	74.9
IV 10000	54.8	70.6	73.1	74.4	75.5	75.7	76.3	76.5	76.6	76.9	76.9	76.9	77.1	77.1	77.1	77.2
IV 9000	55.1	71.1	73.6	75.0	76.1	76.3	76.9	77.2	77.2	77.5	77.5	77.6	77.7	77.7	77.7	77.8
IV 8000	55.8	72.5	75.0	76.4	77.5	77.7	78.3	78.6	78.7	78.9	79.0	79.0	79.2	79.2	79.2	79.3
IV 7000	56.2	73.2	75.8	77.3	78.4	78.6	79.2	79.5	79.6	79.8	79.9	79.9	80.0	80.0	80.1	80.2
IV 6000	56.5	73.7	76.4	77.9	79.0	79.2	79.9	80.2	80.2	80.5	80.6	80.6	80.7	80.7	80.8	80.8
IV 5000	56.9	74.2	76.9	78.4	79.6	79.8	80.5	80.7	80.9	81.1	81.2	81.2	81.3	81.3	81.4	81.4
IV 4500	57.0	74.5	77.3	78.9	80.0	80.2	80.9	81.2	81.2	81.5	81.6	81.6	81.7	81.7	81.8	81.8
IV 4000	57.6	75.4	78.3	79.8	81.0	81.2	81.9	82.3	82.3	82.5	82.6	82.6	82.7	82.7	82.8	82.9
IV 3500	58.2	76.2	79.1	80.7	81.9	82.1	82.8	83.0	83.1	83.4	83.5	83.5	83.6	83.6	83.7	83.7
IV 3000	58.9	77.3	80.3	81.9	83.2	83.4	84.1	84.3	84.4	84.7	84.8	84.8	84.9	84.9	85.0	85.0
IV 2500	59.8	78.5	81.6	83.3	84.5	84.8	85.5	85.7	85.8	86.1	86.2	86.2	86.3	86.3	86.4	86.4
IV 2000	60.8	80.2	83.4	85.2	86.5	86.7	87.4	87.7	87.8	88.1	88.2	88.2	88.3	88.3	88.4	88.4
IV 1800	61.1	80.6	83.7	85.6	86.9	87.1	87.8	88.1	88.2	88.5	88.6	88.6	88.7	88.7	88.8	88.8
IV 1500	61.7	81.8	85.1	87.0	88.3	88.5	89.3	89.6	89.7	89.9	90.0	90.0	90.2	90.2	90.3	90.3
IV 1200	62.2	83.2	86.5	88.5	89.8	90.1	90.8	91.1	91.2	91.5	91.6	91.6	91.7	91.7	91.8	91.9
IV 1000	62.6	84.2	87.7	89.7	91.1	91.3	92.1	92.5	92.6	92.9	93.0	93.0	93.1	93.1	93.2	93.3
IV 900	62.7	84.6	88.2	90.2	91.7	91.9	92.8	93.2	93.3	93.6	93.7	93.7	93.8	93.8	93.9	94.0
IV 800	62.9	85.1	88.8	90.8	92.4	92.6	93.5	93.9	94.0	94.3	94.4	94.4	94.5	94.5	94.6	94.7
IV 700	63.0	85.6	89.4	91.5	93.2	93.4	94.4	94.8	94.9	95.2	95.4	95.4	95.5	95.5	95.6	95.7
IV 600	63.1	86.0	89.9	92.1	93.8	94.1	95.0	95.5	95.6	95.9	96.1	96.1	96.2	96.2	96.3	96.4
IV 500	63.2	86.4	90.4	92.7	94.6	94.9	95.9	96.4	96.5	96.9	97.0	97.0	97.2	97.2	97.3	97.4
IV 400	63.3	86.6	90.8	93.1	95.1	95.4	96.6	97.1	97.2	97.6	97.8	97.8	98.0	98.0	98.1	98.2
IV 300	63.3	86.7	91.0	93.3	95.4	95.7	97.0	97.6	97.7	98.2	98.4	98.4	98.7	98.7	98.8	98.9
IV 200	63.3	86.7	91.0	93.4	95.5	95.8	97.1	97.8	97.9	98.5	98.8	98.8	99.1	99.1	99.2	99.4
IV 100	63.3	86.7	91.0	93.4	95.5	95.8	97.1	97.8	97.9	98.6	98.9	98.9	99.2	99.3	99.3	99.7
IV 0	63.3	86.7	91.0	93.4	95.5	95.8	97.1	97.8	97.9	98.6	98.9	98.9	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS — 15839

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13834 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45-52-70

YEARS

MO

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

HOURLY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.6	61.2	63.6	65.2	66.7	66.8	67.5	67.8	67.9	68.4	68.6	68.6	68.9	69.0	69.2	69.4
≥ 20000	50.2	66.4	69.1	70.7	72.3	72.3	73.1	73.3	73.6	74.1	74.3	74.3	74.7	74.7	75.0	75.2
IVV 18000	50.4	66.7	69.3	71.0	72.5	72.7	73.4	73.7	73.8	74.3	74.6	74.6	74.9	75.0	75.2	75.4
16000	50.6	66.8	69.6	71.2	72.8	72.8	73.6	74.0	74.1	74.6	74.8	74.8	75.2	75.2	75.5	75.7
IVV 14000	51.2	67.8	70.5	72.2	73.8	73.9	74.6	75.0	75.1	75.6	75.8	75.8	76.2	76.3	76.5	76.7
12000	51.9	69.0	71.8	73.5	75.1	75.3	76.0	76.4	76.5	77.0	77.2	77.3	77.6	77.7	77.9	78.1
IVV 10000	53.3	71.0	73.8	75.6	77.2	77.4	78.1	78.5	78.6	79.2	79.4	79.4	79.8	79.8	80.1	80.3
9000	53.6	71.3	74.1	75.9	77.6	77.8	78.6	79.0	79.0	79.6	79.8	79.8	80.2	80.3	80.5	80.7
IVV 8000	54.4	72.0	75.6	77.4	79.2	79.3	80.1	80.5	80.6	81.1	81.4	81.4	81.8	81.8	82.1	82.3
7000	54.9	73.3	76.5	78.3	80.1	80.3	81.0	81.4	81.5	82.1	82.3	82.3	82.7	82.8	83.0	83.2
IVV 6000	55.2	73.9	76.9	78.7	80.5	80.7	81.5	81.9	82.0	82.5	82.8	82.8	83.2	83.2	83.5	83.7
5000	55.7	74.6	77.6	79.5	81.2	81.4	82.2	82.6	82.7	83.3	83.5	83.5	83.9	84.0	84.2	84.4
IVV 4500	55.9	75.0	78.0	79.9	81.6	81.8	82.6	83.1	83.1	83.7	83.9	83.9	84.4	84.4	84.6	84.9
4000	56.3	75.8	78.9	80.8	82.6	82.8	83.6	84.0	84.1	84.6	84.9	84.9	85.3	85.3	85.6	85.8
IVV 3500	57.0	76.7	79.8	81.7	83.5	83.7	84.5	84.9	85.0	85.6	85.8	85.8	86.2	86.3	86.5	86.8
3000	57.8	78.0	81.2	83.1	84.9	85.1	85.9	86.4	86.4	87.0	87.3	87.3	87.7	87.8	88.0	88.3
IVV 2500	58.6	79.0	82.2	84.1	86.0	86.2	87.1	87.5	87.6	88.1	88.4	88.4	88.8	88.9	89.1	89.4
2000	59.2	80.0	83.3	85.3	87.2	87.4	88.3	88.8	88.8	89.3	89.7	89.8	90.1	90.2	90.4	90.7
IVV 1800	59.4	80.3	83.7	85.7	87.6	87.8	88.7	89.1	89.2	89.8	90.1	90.1	90.5	90.6	90.8	91.0
1500	59.9	81.3	84.8	86.8	88.7	89.0	89.9	90.3	90.4	91.0	91.3	91.3	91.7	91.8	92.0	92.3
IVV 1200	60.3	82.2	85.8	87.9	89.9	90.1	91.0	91.5	91.5	92.2	92.5	92.5	92.9	93.0	93.2	93.4
1000	60.5	82.8	86.5	88.6	90.6	90.9	91.8	92.3	92.3	93.0	93.3	93.3	93.7	93.8	94.0	94.3
IVV 900	60.6	83.1	86.8	89.0	91.1	91.3	92.3	92.7	92.8	93.5	93.8	93.8	94.2	94.3	94.5	94.8
800	60.8	83.5	87.3	89.5	91.6	91.8	92.8	93.2	93.3	94.0	94.4	94.4	94.8	94.8	95.1	95.3
IVV 700	60.9	83.8	87.7	89.9	92.1	92.3	93.3	93.8	93.9	94.7	95.0	95.0	95.4	95.5	95.7	96.0
600	60.9	84.2	88.2	90.4	92.8	92.9	94.2	94.7	94.7	95.5	95.9	95.9	96.3	96.3	96.6	96.8
IVV 500	61.0	84.5	88.7	91.1	93.4	93.7	94.9	95.5	95.6	96.4	96.8	96.8	97.2	97.2	97.5	97.8
400	61.0	84.6	88.9	91.4	93.8	94.1	95.6	96.1	96.2	97.0	97.4	97.4	97.8	97.8	98.1	98.4
IVV 300	61.0	84.6	88.9	91.5	93.9	94.2	95.6	96.3	96.4	97.3	97.8	97.8	98.2	98.3	98.6	98.9
200	61.0	84.6	88.9	91.5	93.9	94.2	95.7	96.3	96.5	97.5	97.9	98.0	98.5	98.6	98.9	99.3
IVV 100	61.0	84.6	88.9	91.5	93.9	94.3	95.7	96.4	96.5	97.5	98.0	98.0	98.6	98.7	99.2	99.7
0	61.0	84.6	88.9	91.5	93.9	94.3	95.7	96.4	96.5	97.5	98.0	98.0	98.6	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 16765

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

13444 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70

YEAR

ADRY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

HOURLY (E.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.0	49.3	51.0	52.3	53.6	53.0	54.3	54.5	54.5	54.8	55.0	55.0	55.3	55.4	55.6	55.8
≥ 20000	44.5	53.5	57.4	58.9	60.3	60.5	61.1	61.4	61.4	61.7	62.0	62.0	62.3	62.4	62.5	62.8
IVN 18000	46.7	55.7	57.6	59.1	60.5	60.7	61.3	61.6	61.6	61.9	62.2	62.2	62.5	62.6	62.7	63.0
IVN 16000	47.9	55.9	57.8	59.3	60.8	61.0	61.6	61.8	61.9	62.2	62.4	62.4	62.7	62.8	62.9	63.3
IVN 14000	43.4	56.7	58.6	60.1	61.6	61.8	62.4	62.6	62.7	63.0	63.2	63.3	63.6	63.6	63.8	64.1
IVN 12000	46.2	57.8	59.7	61.2	62.7	62.9	63.6	63.8	63.9	64.2	64.5	64.5	64.8	64.9	65.0	65.3
IVN 10000	47.3	59.3	61.5	63.0	64.6	64.8	65.4	65.7	65.8	66.1	66.4	66.4	66.7	66.8	67.0	67.3
IVN 9000	47.8	60.1	62.2	63.8	65.3	65.5	66.2	66.5	66.5	66.9	67.1	67.2	67.5	67.6	67.7	68.0
IVN 8000	48.6	61.5	63.8	65.5	67.0	67.2	67.9	68.2	68.3	68.6	68.9	68.9	69.2	69.4	69.6	69.9
IVN 7000	49.7	63.4	65.8	67.6	69.2	69.4	70.2	70.5	70.5	70.9	71.2	71.2	71.6	71.7	71.8	72.1
IVN 6000	50.3	64.3	66.7	68.6	70.3	70.6	71.3	71.6	71.7	72.1	72.4	72.4	72.8	72.8	73.0	73.3
IVN 5000	51.4	65.8	68.3	70.1	71.9	72.2	73.0	73.3	73.3	73.7	74.0	74.0	74.4	74.4	74.7	75.0
IVN 4500	52.0	66.6	69.1	71.0	72.8	73.0	73.8	74.1	74.2	74.6	74.9	74.9	75.3	75.4	75.5	75.8
IVN 4000	53.1	68.1	70.8	72.8	74.7	75.0	75.8	76.1	76.2	76.6	76.9	76.9	77.3	77.4	77.6	77.9
IVN 3500	53.8	69.3	72.1	74.1	76.1	76.4	77.2	77.5	77.6	78.0	78.4	78.4	78.8	78.9	79.0	79.3
IVN 3000	54.8	71.0	73.8	76.0	78.0	78.3	79.2	79.5	79.6	80.0	80.3	80.4	80.8	80.9	81.0	81.4
IVN 2500	55.6	72.6	75.6	77.8	80.0	80.3	81.2	81.5	81.6	82.1	82.4	82.4	82.8	82.9	83.1	83.4
IVN 2000	56.8	74.8	78.0	80.3	82.5	82.9	83.7	84.1	84.2	84.7	85.0	85.0	85.4	85.5	85.7	86.0
IVN 1800	57.0	75.3	78.4	80.8	83.0	83.3	84.2	84.6	84.7	85.2	85.5	85.5	86.0	86.1	86.2	86.6
IVN 1500	57.6	76.8	79.8	82.2	84.5	84.8	85.7	86.1	86.2	86.7	87.1	87.1	87.5	87.6	87.8	88.1
IVN 1200	58.2	78.2	81.6	84.1	86.4	85.8	87.7	88.1	88.2	88.7	89.1	89.1	89.5	89.6	89.8	90.1
IVN 1000	58.6	79.1	82.7	85.3	87.7	88.0	89.0	89.4	89.5	90.0	90.4	90.5	90.9	91.0	91.1	91.8
IVN 900	58.6	79.7	83.5	86.1	88.6	89.0	90.0	90.3	90.4	91.0	91.4	91.4	91.8	91.9	92.1	92.4
IVN 800	58.7	80.2	84.2	86.9	89.5	89.9	90.9	91.4	91.5	92.0	92.4	92.5	92.9	93.0	93.1	93.5
IVN 700	58.8	80.8	84.9	87.8	90.3	90.9	92.0	92.5	92.6	93.2	93.6	93.6	94.0	94.1	94.3	94.6
IVN 600	58.8	81.2	85.5	88.6	91.4	91.8	93.0	93.6	93.7	94.3	94.7	94.7	95.2	95.3	95.4	95.8
IVN 500	58.9	81.5	85.9	89.1	92.1	92.6	94.1	94.7	94.8	95.5	95.9	95.9	96.4	96.5	96.7	97.1
IVN 400	58.9	81.7	86.2	89.4	92.7	93.1	94.7	95.4	95.5	96.3	96.8	96.8	97.3	97.3	97.6	97.9
IVN 300	58.9	81.7	86.2	89.5	92.8	93.3	95.0	95.7	95.8	96.7	97.3	97.3	97.8	97.9	98.2	98.6
IVN 200	58.9	81.7	86.2	89.6	92.9	93.4	95.1	95.8	95.9	96.9	97.5	97.5	98.2	98.3	98.6	99.2
IVN 100	58.9	81.7	86.2	89.6	92.9	93.4	95.2	95.9	96.0	97.0	97.7	97.7	98.3	98.5	98.9	99.6
IVN 0	58.9	81.7	86.2	89.6	92.9	93.4	95.2	95.9	96.0	97.0	97.7	97.7	98.3	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 13440

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-44, 52-70 YEARS SEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

HOURLY T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.7	42.0	42.9	43.5	44.1	44.1	44.3	44.4	44.5	44.6	44.6	44.6	44.7	44.8	44.8	45.0
IV 20000	40.6	47.0	48.2	48.8	49.5	49.5	49.7	49.9	49.9	50.0	50.1	50.1	50.2	50.2	50.3	50.5
IV 18000	40.8	47.3	48.4	49.1	49.7	49.8	50.0	50.1	50.1	50.3	50.3	50.3	50.5	50.5	50.6	50.8
IV 16000	41.1	47.6	48.7	49.4	50.0	50.1	50.3	50.4	50.4	50.5	50.6	50.6	50.7	50.8	50.9	51.1
IV 14000	41.5	48.0	49.2	49.9	50.5	50.6	50.8	50.9	50.9	51.0	51.1	51.1	51.2	51.3	51.4	51.6
IV 12000	42.3	49.2	50.4	51.1	51.8	51.8	52.0	52.2	52.2	52.3	52.4	52.4	52.5	52.5	52.6	52.8
IV 10000	43.6	51.0	52.2	52.9	53.6	53.6	53.8	54.0	54.0	54.1	54.2	54.2	54.3	54.3	54.4	54.6
IV 9000	43.9	51.5	52.7	53.5	54.1	54.2	54.4	54.5	54.6	54.7	54.7	54.8	54.8	54.9	54.9	55.2
IV 8000	44.9	52.9	54.2	54.9	55.6	55.7	55.9	56.1	56.1	56.2	56.3	56.3	56.4	56.4	56.5	56.6
IV 7000	46.1	54.6	56.0	56.8	57.5	57.6	57.8	58.0	58.1	58.2	58.3	58.3	58.3	58.5	58.6	58.8
IV 6000	46.9	55.7	57.1	58.0	58.8	58.9	59.2	59.4	59.4	59.6	59.7	59.7	59.8	59.8	59.9	60.1
IV 5000	48.6	58.0	59.5	60.5	61.3	61.4	61.7	61.9	61.9	62.1	62.2	62.2	62.3	62.3	62.5	62.7
IV 4500	49.2	59.0	60.6	61.6	62.5	62.6	62.9	63.1	63.1	63.3	63.4	63.4	63.5	63.5	63.7	63.9
IV 4000	50.4	60.6	62.3	63.4	64.2	64.4	64.7	64.9	64.9	65.1	65.2	65.2	65.3	65.3	65.4	65.6
IV 3500	51.2	61.8	63.5	64.7	65.6	65.8	66.1	66.3	66.3	66.5	66.6	66.6	66.7	66.7	66.9	67.1
IV 3000	52.2	63.4	65.2	66.4	67.6	67.8	68.1	68.3	68.3	68.5	68.6	68.6	68.8	68.8	68.9	69.1
IV 2500	53.4	65.2	67.3	68.7	69.7	69.9	70.3	70.5	70.5	70.7	70.8	70.8	70.9	71.0	71.1	71.3
IV 2000	54.9	67.6	69.9	71.9	72.7	72.9	73.3	73.5	73.6	73.8	73.9	73.9	74.1	74.1	74.3	74.5
IV 1800	55.3	68.2	70.6	72.2	73.5	73.6	74.1	74.3	74.3	74.6	74.7	74.7	74.8	74.8	74.9	75.2
IV 1500	56.3	69.8	72.4	74.2	75.5	75.7	76.2	76.4	76.5	76.7	76.8	76.8	77.0	77.1	77.2	77.4
IV 1200	57.3	72.1	74.9	76.8	78.3	78.5	79.1	79.3	79.4	79.7	79.8	79.8	79.9	79.9	80.0	80.3
IV 1000	57.8	73.5	76.6	78.7	80.2	80.5	81.1	81.4	81.5	81.8	81.9	81.9	82.1	82.1	82.2	82.5
IV 900	58.1	74.4	77.6	79.8	81.6	81.9	82.6	82.9	82.9	83.3	83.4	83.4	83.6	83.6	83.7	83.9
IV 800	58.3	75.5	78.9	81.2	82.9	83.2	83.9	84.2	84.3	84.8	85.1	85.2	85.2	85.4	85.5	85.8
IV 700	58.5	76.3	80.0	82.7	84.9	85.2	86.1	86.5	86.6	87.0	87.1	87.1	87.3	87.4	87.5	87.7
IV 600	58.6	77.2	81.3	84.1	86.7	87.1	88.2	88.6	88.7	89.2	89.4	89.4	89.6	89.6	89.8	90.0
IV 500	58.8	78.0	82.5	85.6	88.5	89.0	90.4	91.0	91.1	91.8	92.0	92.0	92.3	92.3	92.5	92.7
IV 400	58.8	78.3	83.1	86.4	89.8	90.3	92.2	93.1	93.3	94.2	94.6	94.6	95.0	95.0	95.2	95.4
IV 300	58.8	78.5	83.3	86.6	90.2	90.7	92.9	94.1	94.4	95.6	96.0	96.1	96.5	96.6	96.8	97.1
IV 200	58.8	78.5	83.3	86.7	90.2	90.8	93.1	94.4	94.7	96.1	96.7	96.7	97.3	97.3	97.5	97.8
IV 100	58.8	78.5	83.3	86.7	90.2	90.8	93.1	94.4	94.8	96.2	96.9	97.0	97.8	97.8	98.0	98.3
IV 0	58.8	78.5	83.3	86.7	90.2	90.8	93.1	94.4	94.8	96.2	96.9	97.0	97.8	97.8	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 15621

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1974 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-53-70 YEARS

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0"
NO CEILING ≥ 20000	38.2	43.9	44.7	45.0	46.3	46.4	46.6	46.8	46.8	46.9	47.0	47.1	47.2	47.3	47.4	47.9
IVV 18000 16000	41.1	47.4	48.7	49.1	50.3	50.6	51.0	51.2	51.2	51.4	51.5	51.6	51.7	51.7	51.8	52.4
IVV 14000 12000	41.2	47.5	48.8	49.2	50.6	50.7	51.1	51.3	51.3	51.5	51.6	51.7	51.8	51.8	51.9	52.5
IVV 10000 9000	41.3	47.6	48.9	49.3	50.6	50.8	51.2	51.3	51.3	51.6	51.6	51.7	51.9	51.9	52.0	52.8
IVV 8000 7000	41.4	47.7	49.0	49.5	50.8	51.0	51.4	51.6	51.6	51.8	51.9	52.0	52.2	52.2	52.3	53.8
IVV 6000 5000	42.3	48.7	50.0	50.4	51.8	51.9	52.4	52.5	52.5	52.8	52.8	53.0	53.1	53.1	53.2	53.8
IVV 4500 4000	43.7	50.1	51.3	51.8	53.1	53.3	53.7	54.1	54.3	54.3	54.6	54.6	54.7	54.9	54.9	55.8
IVV 3500 3000	44.0	50.4	51.7	52.2	53.3	53.7	54.2	54.3	54.3	54.6	54.6	54.7	54.9	54.9	55.0	55.8
IVV 2500 2000	44.7	51.2	52.6	53.2	54.6	54.8	55.2	55.4	55.4	55.6	55.7	55.8	56.0	56.0	56.1	56.6
IVV 1800 1500	45.9	52.9	54.3	55.0	56.6	56.7	57.2	57.3	57.3	57.4	57.6	57.7	57.9	57.9	58.0	58.5
IVV 1200 1000	46.8	54.1	55.6	56.2	57.8	58.0	58.4	58.5	58.5	58.8	58.9	59.0	59.2	59.2	59.3	59.8
IVV 900 800	48.5	57.0	58.6	59.2	60.8	60.9	61.3	61.3	61.3	61.8	61.8	61.9	62.2	62.2	62.3	62.8
IVV 700 600	49.4	58.1	59.7	60.4	62.1	62.3	62.7	62.8	62.8	63.1	63.2	63.3	63.3	63.3	63.7	64.2
IVV 500 400	50.8	61.0	62.8	63.5	65.3	65.6	66.1	66.2	66.2	66.5	66.6	66.7	66.9	66.9	67.0	67.6
IVV 300 200	52.0	62.8	64.8	65.8	67.8	68.0	68.4	68.4	68.4	68.9	68.9	69.0	69.3	69.3	69.4	69.9
IVV 100 0	52.8	64.0	66.0	67.0	69.1	69.2	69.7	69.9	69.9	70.2	70.2	70.3	70.6	70.6	70.7	71.2
IVV 0	54.4	66.0	68.2	69.4	71.6	71.7	72.2	72.4	72.4	72.6	72.7	72.8	73.1	73.1	73.2	73.7
IVV 0	54.5	66.3	68.4	69.6	71.8	72.0	72.3	72.6	72.6	72.9	73.0	73.1	73.3	73.3	73.4	74.0
IVV 0	56.1	68.6	71.0	72.4	74.8	74.9	75.4	75.6	75.6	75.9	75.9	76.0	76.3	76.3	76.4	76.9
IVV 0	57.7	71.8	74.3	76.0	78.6	78.5	79.0	79.2	79.2	79.5	79.5	79.6	79.9	79.9	80.0	80.5
IVV 0	58.5	72.7	76.3	78.1	80.6	80.8	81.3	81.7	81.7	81.9	82.0	82.1	82.4	82.4	82.5	83.0
IVV 0	59.1	74.9	77.7	79.8	82.3	82.5	83.3	83.5	83.5	83.8	83.8	83.9	84.2	84.2	84.3	84.8
IVV 0	59.4	76.2	79.3	81.7	84.2	84.4	85.2	85.4	85.4	85.6	85.9	86.0	86.2	86.2	86.3	86.9
IVV 0	59.7	77.5	80.8	83.3	86.0	86.2	87.1	87.4	87.4	87.6	87.8	88.0	88.2	88.2	88.3	88.9
IVV 0	59.8	78.2	81.9	84.5	87.5	87.8	89.0	89.3	89.4	89.7	89.9	90.1	90.3	90.4	90.5	91.0
IVV 0	60.0	78.7	82.8	85.6	89.4	89.7	91.1	91.7	91.7	92.0	92.3	92.4	92.7	92.7	92.8	93.4
IVV 0	60.1	78.9	83.2	86.6	90.6	91.0	92.8	93.7	93.8	94.2	94.5	94.6	94.8	94.9	95.0	95.5
IVV 0	60.1	79.0	83.3	87.0	91.1	91.3	93.7	94.7	94.8	95.3	95.6	95.7	96.0	96.1	96.2	96.7
IVV 0	60.1	79.0	83.3	87.0	91.1	91.3	94.0	95.2	95.3	96.2	96.9	97.1	97.8	98.0	98.6	99.3
IVV 0	60.1	79.0	83.3	87.0	91.1	91.3	94.0	95.2	95.3	96.2	96.9	97.1	97.8	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1860

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

1974 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-53-70

YEARS

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.8	39.1	40.2	41.0	42.1	42.2	42.8	43.2	43.2	43.5	43.6	43.6	43.7	43.8	43.9	44.3
≥ 20000	33.7	41.6	43.0	43.9	45.2	45.3	45.9	46.3	46.3	46.6	46.7	46.7	46.8	46.9	47.0	47.4
IV 18000	33.9	41.9	43.2	44.2	45.4	45.6	46.2	46.6	46.6	46.9	47.0	47.0	47.1	47.2	47.3	47.7
IV 16000	34.0	42.0	43.4	44.4	45.6	45.8	46.3	46.7	46.8	47.0	47.2	47.2	47.3	47.3	47.5	47.8
IV 14000	34.3	42.4	43.7	44.7	45.9	46.2	46.8	47.2	47.2	47.5	47.6	47.6	47.7	47.8	48.0	48.3
IV 12000	35.1	43.2	44.6	45.5	46.8	47.0	47.6	48.0	48.1	48.4	48.3	48.5	48.6	48.7	48.8	49.2
IV 10000	36.6	45.0	46.4	47.4	48.7	48.9	49.5	49.9	49.9	50.3	50.4	50.4	50.5	50.5	50.7	51.1
IV 9000	36.6	45.1	46.5	47.5	48.8	49.0	49.6	50.0	50.1	50.4	50.3	50.5	50.6	50.6	50.8	51.2
IV 8000	37.2	46.0	47.5	48.6	49.9	50.2	50.8	51.1	51.2	51.6	51.7	51.7	51.8	51.8	52.0	52.4
IV 7000	38.5	47.8	49.3	50.4	51.8	52.1	52.7	53.1	53.2	53.5	53.6	53.6	53.7	53.8	53.9	54.3
IV 6000	39.1	48.7	50.2	51.4	52.8	53.2	53.8	54.1	54.2	54.6	54.7	54.7	54.8	54.8	55.0	55.4
IV 5000	41.6	51.3	52.8	54.2	55.7	56.0	56.7	57.1	57.2	57.5	57.6	57.6	57.7	57.8	58.0	58.3
IV 4500	41.7	52.3	53.8	55.2	56.7	57.0	57.7	58.1	58.2	58.5	58.6	58.6	58.7	58.8	58.9	59.3
IV 4000	42.5	53.8	55.3	56.7	58.2	58.5	59.2	59.7	59.8	60.1	60.2	60.2	60.3	60.4	60.5	60.9
IV 3500	43.3	55.2	56.9	58.4	60.1	60.4	61.2	61.6	61.7	62.0	62.1	62.1	62.2	62.3	62.4	62.8
IV 3000	44.1	56.9	58.6	60.1	61.8	62.1	62.9	63.3	63.4	63.7	63.8	63.8	63.9	64.0	64.1	64.5
IV 2500	44.3	57.7	59.5	61.0	62.7	63.0	63.8	64.2	64.3	64.6	64.7	64.7	64.8	64.9	65.0	65.4
IV 2000	45.9	60.4	62.2	63.7	65.4	65.7	66.5	66.9	67.0	67.3	67.4	67.4	67.5	67.6	67.7	68.1
IV 1800	46.2	61.0	62.8	64.3	66.0	66.3	67.1	67.5	67.6	67.9	68.0	68.0	68.1	68.2	68.3	68.7
IV 1500	47.5	62.0	63.8	65.3	67.0	67.3	68.1	68.5	68.6	68.9	69.0	69.0	69.1	69.2	69.3	69.7
IV 1200	47.5	62.0	63.8	65.3	67.0	67.3	68.1	68.5	68.6	68.9	69.0	69.0	69.1	69.2	69.3	69.7
IV 1000	49.3	66.2	69.0	71.8	74.5	74.9	75.8	76.3	76.4	76.7	76.8	76.8	76.9	77.0	77.2	77.6
IV 900	49.9	67.5	70.5	73.4	76.1	76.5	77.5	78.0	78.1	78.4	78.5	78.5	78.6	78.7	78.8	79.2
IV 800	50.3	68.8	71.9	75.0	77.7	78.1	79.2	79.8	79.9	80.3	80.4	80.4	80.5	80.6	80.8	81.2
IV 700	50.6	69.9	73.2	76.4	79.2	79.7	80.8	81.4	81.5	81.9	82.1	82.1	82.2	82.3	82.5	82.9
IV 600	50.9	71.6	75.1	78.7	81.6	82.2	83.4	84.0	84.1	84.6	84.7	84.7	84.8	84.9	85.1	85.5
IV 500	51.2	72.8	76.6	80.4	83.7	84.2	85.5	86.1	86.2	86.7	86.8	86.8	86.9	87.0	87.2	87.6
IV 400	51.5	73.4	77.5	81.6	85.3	85.8	87.2	87.8	87.9	88.4	88.5	88.5	88.6	88.7	88.9	89.3
IV 300	51.5	73.5	77.8	82.2	86.5	87.2	88.6	89.2	89.3	90.0	90.1	90.1	90.2	90.3	90.5	90.9
IV 200	51.5	73.7	78.2	82.7	87.2	88.2	90.0	90.8	91.1	91.8	92.0	92.0	92.1	92.2	92.4	92.8
IV 100	51.5	73.8	78.3	82.7	87.3	88.3	90.2	91.0	91.3	92.1	92.1	92.2	92.3	92.4	92.6	93.0
0	51.5	73.8	78.3	82.7	87.3	88.3	90.2	91.0	91.3	92.1	92.1	92.2	92.3	92.4	92.6	93.0

TOTAL NUMBER OF OBSERVATIONS 1840

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1984 — ENGLAND AFB LOUISIANA/ALEXANDRIA — 44-45-33-70 — YEARS — JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0488-0808

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	25.0	21.7	33.3	34.0	35.6	35.8	36.5	37.0	37.2	37.4	37.8	37.8	38.0	38.1	38.2	38.5
IV 18000	27.5	33.5	37.4	38.2	40.1	40.2	41.2	41.8	41.9	42.5	43.0	43.0	43.2	43.3	43.3	43.8
IV 16000	27.6	35.8	37.6	38.5	40.4	40.5	41.5	42.1	42.3	42.8	43.3	43.3	43.5	43.6	43.8	44.1
IV 14000	27.6	35.8	37.6	38.5	40.4	40.5	41.5	42.1	42.3	42.8	43.3	43.3	43.5	43.6	43.8	44.1
IV 12000	28.3	36.6	38.5	39.4	41.2	41.4	42.5	43.1	43.2	43.9	44.3	44.3	44.5	44.6	44.8	45.1
IV 10000	28.9	37.3	39.3	40.2	42.0	42.2	43.3	43.9	44.0	44.7	45.1	45.1	45.3	45.4	45.6	45.9
IV 9000	30.6	39.2	41.3	42.2	44.1	44.3	45.4	46.1	46.2	46.9	47.5	47.5	47.7	47.8	48.0	48.3
IV 8000	31.8	39.7	41.8	42.6	44.6	44.7	45.8	46.5	46.7	47.4	47.9	47.9	48.1	48.2	48.4	48.7
IV 7000	31.7	41.1	43.3	44.2	46.1	46.3	47.4	48.1	48.3	49.0	49.5	49.5	49.7	49.8	50.1	50.3
IV 6000	32.8	42.4	45.2	46.1	48.1	48.2	49.3	50.1	50.3	51.0	51.6	51.6	51.8	51.9	52.2	52.4
IV 5000	33.3	43.7	46.0	47.0	49.1	49.2	50.4	51.2	51.4	52.2	52.7	52.7	53.0	53.1	53.3	53.5
IV 4500	34.4	45.4	47.8	49.0	51.2	51.3	52.5	53.3	53.5	54.2	54.8	54.8	55.1	55.2	55.4	55.6
IV 4000	34.8	46.1	48.5	49.8	52.0	52.2	53.4	54.2	54.4	55.2	55.8	55.8	56.0	56.1	56.3	56.6
IV 3500	35.9	47.7	50.4	51.8	54.2	54.4	55.7	56.6	56.7	57.5	58.1	58.1	58.3	58.4	58.6	58.9
IV 3000	36.3	48.8	51.5	53.0	55.4	55.6	57.0	57.8	58.1	58.8	59.5	59.5	59.7	59.8	60.0	60.3
IV 2500	37.0	50.3	53.2	54.7	57.2	57.4	58.8	59.6	59.8	60.6	61.3	61.3	61.6	61.7	61.9	62.2
IV 2000	37.6	51.7	54.7	56.3	58.9	59.1	60.5	61.3	61.7	62.5	63.2	63.2	63.4	63.5	63.8	64.1
IV 1800	38.9	54.0	57.3	58.9	61.7	61.9	63.3	64.4	64.7	65.5	66.2	66.2	66.5	66.6	66.9	67.2
IV 1500	39.1	54.7	58.0	59.9	62.7	63.0	64.4	65.4	65.8	66.6	67.3	67.3	67.6	67.7	68.0	68.3
IV 1200	40.6	57.4	60.6	62.7	65.7	66.0	67.4	68.4	68.8	69.6	70.3	70.3	70.6	70.8	71.0	71.3
IV 1000	41.9	60.2	63.7	65.8	68.8	69.1	70.6	71.7	72.0	72.9	73.7	73.7	74.0	74.1	74.4	74.8
IV 900	42.7	62.0	65.9	68.1	71.3	71.6	73.1	74.6	74.9	75.9	76.7	76.7	77.0	77.2	77.4	77.8
IV 800	43.0	63.1	67.4	69.7	73.0	73.3	75.2	76.5	76.8	77.7	78.6	78.6	79.0	79.1	79.4	79.8
IV 700	43.5	64.2	68.8	71.5	74.9	75.2	77.1	78.4	78.8	79.7	80.6	80.6	81.0	81.1	81.4	81.8
IV 600	43.8	65.2	70.0	73.0	76.7	77.0	79.2	80.5	80.9	81.9	82.8	82.8	83.3	83.4	83.7	84.1
IV 500	44.0	66.8	72.2	75.7	80.7	81.1	83.8	85.7	86.0	87.4	88.3	88.3	88.8	88.9	89.2	89.7
IV 400	44.1	67.2	72.8	76.5	81.7	82.2	85.3	87.6	88.0	89.7	90.6	90.6	91.1	91.3	91.8	92.2
IV 300	44.1	67.3	73.1	76.9	82.6	83.1	86.7	89.3	89.8	91.9	93.0	93.0	93.6	93.8	94.4	94.8
IV 200	44.1	67.3	73.1	76.9	82.7	83.3	87.0	89.7	90.2	92.7	93.9	94.0	94.9	95.3	96.4	97.2
IV 100	44.1	67.3	73.1	76.9	82.7	83.3	87.0	89.8	90.3	92.9	94.3	94.4	95.4	95.9	97.5	98.7
IV 0	44.1	67.3	73.1	76.9	82.7	83.3	87.0	89.8	90.3	92.9	94.4	94.4	95.5	96.0	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1560

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13924 ENGLAND AFB LOUISIANA/ALEXANDRIA 64-45,53-70

1960

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0500-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.9	32.2	33.3	34.0	34.4	34.5	34.8	34.8	34.8	34.9	34.9	34.9	35.1	35.1	35.1	35.2
IV 20000	30.3	38.7	40.2	41.0	41.6	41.7	42.1	42.2	42.3	42.5	42.5	42.5	42.7	42.7	42.7	42.8
IV 18000	30.4	38.7	40.3	41.1	41.6	41.7	42.2	42.3	42.3	42.5	42.6	42.6	42.7	42.8	42.8	42.9
IV 16000	30.8	39.2	40.8	41.6	42.2	42.3	42.7	42.8	42.9	43.1	43.2	43.2	43.3	43.4	43.4	43.5
IV 14000	31.8	40.5	42.0	42.8	43.5	43.6	44.1	44.2	44.3	44.5	44.6	44.6	44.7	44.8	44.8	44.9
IV 12000	32.2	41.1	42.6	43.4	44.1	44.2	44.7	44.9	44.9	45.2	45.2	45.2	45.4	45.4	45.4	45.5
IV 10000	33.8	43.1	44.7	45.5	46.2	46.3	46.9	47.0	47.0	47.3	47.4	47.4	47.5	47.6	47.6	47.7
IV 9000	34.1	43.8	45.5	46.3	47.0	47.2	47.7	47.8	47.9	48.2	48.2	48.2	48.4	48.4	48.4	48.5
IV 8000	35.1	45.5	47.2	48.1	48.8	48.9	49.6	49.7	49.8	50.1	50.1	50.1	50.3	50.3	50.3	50.4
IV 7000	36.1	46.8	48.7	49.6	50.4	50.5	51.2	51.4	51.5	51.8	51.8	51.8	52.0	52.0	52.0	52.2
IV 6000	36.6	47.8	49.7	50.6	51.5	51.6	52.3	52.5	52.6	52.8	52.9	52.9	53.1	53.1	53.1	53.2
IV 5000	37.4	49.1	51.0	51.9	52.0	52.9	53.8	53.8	53.9	54.2	54.3	54.3	54.5	54.5	54.5	54.6
IV 4500	37.8	50.3	52.2	53.2	54.1	54.2	54.8	55.1	55.2	55.5	55.6	55.6	55.8	55.8	55.8	55.9
IV 4000	39.4	52.3	54.3	55.3	56.4	56.5	57.1	57.4	57.7	58.0	58.1	58.1	58.2	58.2	58.2	58.4
IV 3500	39.8	53.0	55.1	56.3	57.3	57.4	58.2	58.5	58.7	58.9	59.0	59.0	59.2	59.2	59.2	59.4
IV 3000	40.4	54.1	56.3	57.7	58.0	58.1	58.9	60.2	60.4	60.7	60.8	60.8	61.0	61.1	61.1	61.2
IV 2500	41.2	55.5	58.0	59.3	60.6	60.8	61.7	62.0	62.2	62.5	62.6	62.6	62.8	62.9	62.9	63.0
IV 2000	42.7	58.3	61.1	62.5	63.9	64.0	65.0	65.6	65.8	66.1	66.3	66.3	66.5	66.6	66.6	66.7
IV 1800	43.2	59.1	61.9	63.3	64.7	64.8	65.8	66.4	66.6	66.9	67.1	67.1	67.3	67.4	67.4	67.5
IV 1500	44.9	62.2	65.1	66.5	68.1	68.2	69.2	69.8	70.1	70.4	70.6	70.6	70.8	70.9	70.9	71.0
IV 1200	46.8	66.2	69.4	70.9	72.6	72.7	74.0	74.6	74.9	75.2	75.4	75.4	75.5	75.6	75.7	75.8
IV 1000	48.2	68.8	72.2	73.9	76.0	76.1	77.4	78.1	78.4	78.8	78.9	78.9	79.1	79.2	79.2	79.4
IV 900	48.7	69.9	73.7	75.5	77.8	78.0	79.3	80.1	80.4	80.8	80.9	80.9	81.1	81.2	81.3	81.4
IV 800	49.0	71.5	75.4	77.5	80.2	80.3	81.7	82.5	82.8	83.2	83.4	83.4	83.6	83.7	83.8	83.9
IV 700	49.5	72.6	77.1	79.4	82.7	82.8	84.4	85.3	85.6	86.1	86.3	86.3	86.5	86.6	86.7	86.8
IV 600	49.7	73.3	78.2	80.9	84.8	85.1	86.3	87.4	87.8	88.4	88.7	88.7	89.0	89.1	89.2	89.2
IV 500	49.8	73.7	78.8	81.7	86.3	86.8	88.3	90.5	91.3	92.0	92.4	92.4	92.7	92.8	92.9	93.1
IV 400	49.8	73.8	79.1	82.1	87.2	87.6	90.0	92.4	93.0	94.1	94.8	94.8	95.4	95.4	95.6	95.9
IV 300	49.8	73.9	79.2	82.2	87.5	88.0	91.4	93.4	94.0	95.2	96.1	96.2	96.8	97.0	97.2	97.4
IV 200	49.8	73.9	79.2	82.2	87.5	88.0	91.5	93.6	94.3	95.8	96.8	97.0	97.7	98.1	98.1	98.1
IV 100	49.8	73.9	79.2	82.2	87.5	88.0	91.6	93.7	94.4	95.9	97.0	97.1	98.1	98.3	98.1	98.1
IV 0	49.8	73.9	79.2	82.2	87.5	88.0	91.6	93.7	94.4	95.9	97.0	97.1	98.1	98.3	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1860

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1984 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70 YEARS JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.1	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 20000	42.7	46.5	46.5	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV 18000	43.2	46.9	47.0	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
IV 16000	43.3	47.3	47.3	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 14000	44.2	48.3	48.4	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
IV 12000	44.8	49.2	49.2	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 10000	45.8	50.6	50.8	51.1	51.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
IV 9000	46.7	51.9	52.0	52.4	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 8000	48.3	54.1	54.5	54.8	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 7000	49.3	55.4	56.0	56.3	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 6000	50.4	57.3	57.7	58.1	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
IV 5000	51.2	58.7	59.2	59.6	59.8	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 4500	51.8	59.6	60.1	60.5	60.7	60.7	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IV 4000	52.8	61.3	61.9	62.4	62.6	62.6	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 3500	54.4	63.2	63.9	64.5	64.9	64.9	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 3000	56.8	65.8	66.5	67.3	67.8	67.8	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 2500	58.9	68.8	69.8	70.5	71.1	71.1	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 2000	60.6	72.6	73.8	74.5	75.1	75.1	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 1800	61.7	74.2	75.6	76.4	77.0	77.0	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 1500	63.1	76.7	78.1	78.9	79.5	79.5	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 1200	64.7	79.4	81.2	82.0	82.7	82.7	83.2	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 1000	65.2	81.3	83.5	84.6	85.5	85.5	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 900	65.5	82.6	85.1	86.3	87.4	87.4	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 800	65.8	83.3	86.2	87.5	89.1	89.1	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 700	65.8	83.8	87.0	89.3	90.9	90.9	91.7	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 600	65.9	84.5	87.9	90.3	92.2	92.2	93.2	93.9	94.0	94.4	94.5	94.5	94.5	94.5	94.5	94.5
IV 500	65.9	84.7	88.2	90.6	92.3	92.3	92.9	94.2	95.1	95.2	95.7	96.0	96.0	96.1	96.2	96.2
IV 400	65.9	84.9	88.4	91.2	93.5	93.7	95.2	96.3	96.6	97.3	97.6	97.6	97.6	97.7	97.8	97.8
IV 300	65.9	84.9	88.5	91.3	93.8	93.9	95.5	96.8	97.3	98.2	98.8	98.8	98.8	99.0	99.1	99.2
IV 200	65.9	84.9	88.5	91.3	93.9	94.0	95.6	96.9	97.4	98.6	99.3	99.3	99.3	99.7	99.8	99.8
IV 100	65.9	84.9	88.5	91.3	93.9	94.0	95.6	96.9	97.4	98.6	99.4	99.4	99.4	99.7	99.8	99.8
IV 0	65.9	84.9	88.5	91.3	93.9	94.0	95.6	96.9	97.4	98.6	99.4	99.4	99.4	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS. 1860

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

13924 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-49,53-70

1968 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1588 1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.0	39.2	39.4	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
IV 20000	46.4	49.9	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 18000	46.8	50.3	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
IV 16000	46.9	50.5	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
IV 14000	47.9	51.7	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 12000	48.9	53.1	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 10000	50.2	54.7	54.9	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 9000	50.5	55.3	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 8000	52.4	57.7	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 7000	54.4	60.2	60.6	60.7	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 6000	55.8	62.2	62.7	62.8	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 5000	57.1	63.9	64.4	64.6	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 4500	57.8	64.9	65.5	65.7	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 4000	58.8	66.8	67.5	67.7	67.9	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 3500	60.4	68.7	69.5	69.8	69.9	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 3000	62.7	71.6	72.6	72.7	72.9	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 2500	64.8	74.6	75.8	76.5	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 2000	66.0	77.2	78.6	79.4	79.9	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 1800	66.1	77.5	79.1	79.9	80.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 1500	67.2	79.2	80.9	82.0	82.7	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 1200	68.2	81.7	83.9	85.1	85.9	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 1000	68.5	83.4	85.9	87.2	88.2	88.2	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 900	68.7	84.0	86.8	88.2	89.2	89.5	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 800	68.7	84.8	87.7	89.2	90.4	90.7	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 700	68.7	85.5	88.5	90.1	91.8	92.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 600	68.9	86.1	89.4	91.1	92.2	92.7	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 500	68.9	86.4	89.8	91.6	94.2	94.7	96.2	96.7	96.8	97.4	97.5	97.5	97.5	97.5	97.5	97.5
IV 400	68.9	86.6	90.1	92.0	94.8	95.4	97.1	97.8	98.0	98.5	98.7	98.7	98.7	98.7	98.7	98.8
IV 300	68.9	86.6	90.2	92.2	94.9	95.5	97.4	98.3	98.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	68.9	86.6	90.2	92.2	94.9	95.5	97.4	98.3	98.5	99.4	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	68.9	86.6	90.2	92.2	94.9	95.5	97.4	98.3	98.5	99.4	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	68.9	86.6	90.2	92.2	94.9	95.5	97.4	98.3	98.5	99.4	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1840

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1984 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-53-70 YEARS JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	43.2	46.2	46.5	46.7	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2	47.2
IVV 18000 16000	49.5	53.0	53.5	53.7	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3
IVV 14000 12000	50.1	53.8	54.3	54.5	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1
IVV 10000 9000	50.3	54.3	54.8	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IVV 8000 7000	51.6	55.6	56.1	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IVV 6000 5000	53.2	57.5	58.0	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
IVV 4500 4000	53.8	58.4	58.8	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IVV 3500 3000	54.7	59.5	60.1	60.4	60.8	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IVV 2500 2000	55.6	61.2	61.9	62.2	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IVV 1800 1500	57.3	63.3	64.0	64.3	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IVV 1200 1000	59.3	66.1	66.9	67.2	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IVV 900 800	59.8	67.1	68.1	68.4	69.0	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IVV 700 600	61.0	69.0	69.9	70.3	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IVV 500 400	62.2	71.1	72.1	72.5	73.2	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6
IVV 300 200	63.0	72.1	73.2	73.9	74.7	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1
IVV 100 0	64.4	74.5	75.7	76.5	77.4	77.4	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IVV 0	66.2	76.9	78.2	79.3	80.4	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IVV 0	66.6	77.6	79.0	80.2	81.2	81.2	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IVV 0	67.2	79.1	80.6	81.9	83.2	83.2	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9
IVV 0	68.0	81.3	83.5	85.0	86.3	86.3	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2
IVV 0	68.9	83.1	85.6	87.2	88.6	88.6	89.1	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.5	89.5
IVV 0	68.9	83.7	86.5	88.1	89.6	89.6	90.1	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IVV 0	69.1	84.3	87.2	88.9	90.6	90.6	90.7	91.3	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8
IVV 0	69.2	85.1	88.4	90.2	92.0	92.1	92.0	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.7	93.7
IVV 0	69.4	85.7	89.2	91.2	93.4	93.5	94.5	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IVV 0	69.4	86.2	90.0	92.0	94.5	94.6	95.0	96.3	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IVV 0	69.4	86.4	90.4	92.7	95.2	95.5	97.0	97.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IVV 0	69.4	86.4	90.4	92.7	95.5	95.8	97.3	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IVV 0	69.4	86.4	90.4	92.7	95.5	95.8	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IVV 0	69.4	86.4	90.4	92.7	95.5	95.8	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS: 1859

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13524 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70 YEAR JAN 1960

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING ≥ 20000	42.0	43.6	46.1	46.7	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.8	47.8	48.2
IV 18000 16000	46.7	50.9	51.5	52.4	53.1	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.4	53.5	53.5	53.8	54.0
IV 14000 12000	47.0	51.3	51.9	52.8	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.9	53.9	54.0	54.2
IV 10000 9000	47.7	52.1	52.6	53.5	54.2	54.2	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.6	54.7	54.7	55.1
IV 8000 7000	49.5	54.0	54.6	55.5	56.2	56.2	56.3	56.3	56.3	56.4	56.4	56.5	56.5	56.6	56.6	56.7	57.0
IV 6000 5000	50.1	54.7	55.2	56.1	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.2	57.2	57.3	57.4
IV 4500 4000	50.6	55.4	55.9	56.9	57.6	57.6	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.1	58.2	58.2	58.5
IV 3500 3000	51.9	57.3	57.9	59.0	59.7	59.7	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.2	60.3	60.3	60.6
IV 2500 2000	53.1	59.6	59.2	60.3	61.0	61.0	61.3	61.3	61.3	61.4	61.5	61.5	61.6	61.6	61.7	61.7	62.0
IV 1800 1500	55.2	61.3	62.1	63.3	64.0	64.0	64.4	64.4	64.4	64.4	64.5	64.5	64.6	64.6	64.6	64.7	65.0
IV 1200 1000	55.6	62.2	63.1	64.2	65.0	65.0	65.3	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.6	65.6	66.0
IV 900 800	56.3	63.3	64.3	65.7	66.6	66.6	66.9	66.9	66.9	66.9	67.0	67.0	67.1	67.1	67.2	67.2	67.5
IV 700 600	57.0	65.1	66.2	67.5	68.4	68.4	68.7	68.7	68.7	68.8	68.8	68.8	68.9	68.9	69.0	69.0	69.4
IV 500 400	58.1	67.0	68.4	69.7	70.7	70.7	71.0	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.7
IV 300 200	59.6	69.0	70.6	71.8	73.1	73.1	73.4	73.4	73.4	73.4	73.5	73.5	73.6	73.6	73.7	73.7	74.0
IV 100 0	61.2	72.0	73.8	75.3	76.6	76.6	76.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 0	61.6	72.7	74.5	76.1	77.3	77.3	77.7	77.8	77.8	77.8	77.9	77.9	78.0	78.0	78.1	78.1	78.4
IV 0	62.6	74.7	76.7	78.5	79.8	79.8	80.4	80.4	80.4	80.5	80.5	80.5	80.6	80.6	80.7	80.8	81.1
IV 0	63.5	77.2	79.5	81.3	82.8	82.8	83.5	83.5	83.5	83.6	83.7	83.7	83.8	83.8	83.9	83.9	84.2
IV 0	64.4	79.3	81.7	83.9	85.4	85.4	86.2	86.2	86.2	86.3	86.4	86.5	86.5	86.6	86.6	86.7	87.0
IV 0	64.7	80.4	83.1	85.4	86.9	86.9	87.7	87.8	87.8	87.9	88.0	88.0	88.1	88.1	88.2	88.2	88.5
IV 0	64.9	81.6	84.6	87.0	88.7	88.7	89.6	89.7	89.7	89.8	89.8	89.8	89.9	89.9	90.0	90.1	90.4
IV 0	65.1	82.3	85.6	88.2	90.2	90.3	91.3	91.3	91.4	91.5	91.5	91.5	91.6	91.6	91.7	91.7	92.0
IV 0	65.3	83.0	86.5	89.1	91.5	91.6	92.5	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 0	65.4	83.6	87.7	90.6	93.4	93.6	94.9	95.2	95.2	95.6	95.6	95.6	95.8	95.8	95.9	95.9	96.2
IV 0	65.4	83.8	88.2	91.2	94.4	94.7	96.3	96.6	96.7	97.0	97.1	97.1	97.2	97.3	97.3	97.3	97.6
IV 0	65.4	83.8	88.2	91.3	94.7	95.0	96.6	97.0	97.0	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.4
IV 0	65.4	83.9	88.4	91.5	94.8	95.1	96.9	97.3	97.4	98.2	98.4	98.4	98.8	98.8	98.8	98.8	99.4
IV 0	65.4	83.9	88.4	91.5	94.8	95.1	96.9	97.3	97.4	98.2	98.4	98.4	98.8	98.8	98.8	98.8	99.6
IV 0	65.4	83.9	88.4	91.5	94.8	95.1	96.9	97.3	97.4	98.2	98.4	98.4	98.8	98.8	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1860

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1984 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-53-70 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	40.5	43.8	46.5	46.7	46.8	46.8	46.9	47.0	47.0	47.1	47.2	47.2	47.3	47.4	47.4	47.4
IV 18000	43.0	49.6	50.4	50.7	50.9	50.9	50.9	51.0	51.0	51.2	51.2	51.2	51.3	51.4	51.4	51.4
IV 16000	44.0	49.8	50.6	50.9	51.0	51.0	51.1	51.2	51.2	51.3	51.4	51.4	51.5	51.6	51.6	51.6
IV 14000	44.1	49.9	50.7	51.0	51.2	51.2	51.2	51.3	51.3	51.4	51.5	51.5	51.6	51.7	51.7	51.7
IV 12000	44.2	50.1	50.9	51.2	51.3	51.3	51.4	51.4	51.5	51.6	51.7	51.7	51.8	51.9	51.9	51.9
IV 10000	45.3	51.2	52.0	52.4	52.6	52.6	52.7	52.7	52.8	52.9	53.0	53.0	53.1	53.2	53.2	53.2
IV 9000	47.0	53.2	54.1	54.5	54.8	54.8	54.9	54.9	55.0	55.1	55.2	55.2	55.3	55.4	55.4	55.4
IV 8000	48.0	54.2	55.2	55.6	55.9	55.9	56.0	56.0	56.2	56.2	56.2	56.2	56.3	56.5	56.5	56.5
IV 7000	50.1	56.5	57.4	57.8	58.1	58.1	58.2	58.2	58.3	58.4	58.5	58.5	58.6	58.7	58.7	58.7
IV 6000	51.4	58.2	59.3	59.9	60.3	60.3	60.4	60.5	60.5	60.6	60.7	60.7	60.8	60.9	60.9	60.9
IV 5000	52.0	59.1	60.5	60.9	61.2	61.2	61.4	61.4	61.5	61.6	61.7	61.7	61.8	61.9	61.9	61.9
IV 4500	53.0	61.1	62.5	62.9	63.2	63.2	63.4	63.4	63.5	63.6	63.7	63.7	63.8	63.9	63.9	63.9
IV 4000	54.9	62.5	63.8	64.2	64.6	64.6	64.7	64.8	64.8	65.0	65.0	65.0	65.1	65.3	65.3	65.3
IV 3500	56.1	63.8	65.2	65.7	66.0	66.0	66.1	66.2	66.3	66.4	66.4	66.4	66.5	66.7	66.7	66.7
IV 3000	57.1	65.3	66.6	67.1	67.4	67.4	67.6	67.6	67.7	67.8	67.8	67.8	68.0	68.1	68.1	68.1
IV 2500	57.9	66.5	67.9	68.4	68.7	68.7	68.8	68.9	69.0	69.1	69.1	69.1	69.3	69.4	69.4	69.4
IV 2000	59.0	68.4	69.9	70.3	70.7	70.7	70.8	70.9	70.9	71.0	71.1	71.1	71.2	71.3	71.3	71.3
IV 1800	60.1	70.4	72.2	72.9	73.3	73.3	73.5	73.5	73.6	73.7	73.7	73.7	73.9	74.0	74.0	74.0
IV 1500	60.5	71.4	73.0	73.6	74.0	74.0	74.2	74.3	74.3	74.5	74.5	74.5	74.6	74.7	74.7	74.7
IV 1200	62.1	74.8	76.5	77.1	77.7	77.7	77.9	77.9	78.0	78.1	78.2	78.2	78.3	78.4	78.4	78.4
IV 1000	63.2	77.0	80.1	80.9	81.7	81.7	81.9	82.0	82.1	82.2	82.3	82.3	82.4	82.5	82.5	82.5
IV 900	63.8	79.6	82.2	83.1	84.1	84.1	84.3	84.4	84.5	84.7	84.7	84.7	84.8	85.0	85.0	85.0
IV 800	64.1	80.5	83.4	84.4	85.4	85.5	85.7	85.8	85.9	86.1	86.1	86.1	86.3	86.4	86.4	86.4
IV 700	64.5	81.9	84.7	85.4	87.3	87.4	87.5	87.6	87.7	88.0	88.1	88.2	88.3	88.4	88.4	88.4
IV 600	64.5	82.8	86.4	87.9	89.1	89.2	89.5	89.7	89.8	90.0	90.0	90.0	90.1	90.3	90.3	90.3
IV 500	64.7	83.5	87.4	89.1	90.7	90.8	91.2	91.4	91.5	91.7	91.7	91.7	91.9	92.1	92.1	92.1
IV 400	64.8	84.4	88.0	90.7	92.9	93.0	93.7	94.2	94.3	94.5	94.5	94.5	94.7	94.9	94.9	94.9
IV 300	64.8	84.6	88.2	91.4	93.9	94.0	94.8	95.5	95.5	96.0	96.2	96.2	96.5	96.7	96.7	96.7
IV 200	64.8	84.7	89.4	91.7	94.1	94.2	95.3	96.0	96.1	96.9	97.2	97.2	97.6	97.8	97.8	97.8
IV 100	64.8	84.7	89.5	91.7	94.2	94.3	95.4	96.2	96.2	97.1	97.3	97.4	97.9	98.1	98.2	98.2
IV 0	64.8	84.7	89.5	91.7	94.2	94.3	95.4	96.2	96.2	97.1	97.4	97.5	98.3	98.5	98.5	99.1

TOTAL NUMBER OF OBSERVATIONS 1695

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DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

13824 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 53-70 YEARS 1950-1950

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING IV 20000	34.3	40.4	41.7	41.9	42.5	42.6	42.7	42.8	42.8	43.2	43.4	43.4	43.6	43.7	43.7	43.9
IV 18000 IV 16000	37.3	44.1	45.4	45.8	46.4	46.4	46.5	46.7	46.7	47.1	47.2	47.2	47.4	47.5	47.6	47.7
IV 14000 IV 12000	37.3	44.2	45.5	46.0	46.5	46.6	46.7	46.8	46.8	47.3	47.4	47.4	47.6	47.7	47.7	47.9
IV 10000 IV 9000	38.8	45.7	47.1	47.5	48.1	48.1	48.3	48.4	48.4	48.8	48.9	48.9	49.1	49.2	49.3	49.4
IV 8000 IV 7000	40.4	47.3	48.8	49.3	50.1	50.2	50.3	50.4	50.4	50.9	51.0	51.0	51.2	51.3	51.3	51.5
IV 6000 IV 5000	42.1	49.2	50.8	51.3	52.1	52.2	52.3	52.4	52.4	52.8	53.0	53.0	53.2	53.3	53.3	53.5
IV 4500 IV 4000	43.2	50.8	52.4	52.9	53.7	53.8	53.9	54.0	54.0	54.5	54.6	54.6	54.9	54.9	55.0	55.2
IV 3500 IV 3000	44.5	52.4	54.1	54.6	55.4	55.5	55.6	55.7	55.7	56.1	56.3	56.3	56.5	56.6	56.6	56.8
IV 2500 IV 2000	45.8	54.1	55.8	56.2	57.1	57.1	57.2	57.3	57.3	57.8	57.9	57.9	58.2	58.2	58.3	58.5
IV 1800 IV 1500	46.8	55.5	57.2	57.6	58.5	58.5	58.6	58.8	58.8	59.2	59.4	59.4	59.6	59.6	59.7	59.9
IV 1200 IV 1000	47.9	56.9	58.6	59.1	59.9	60.0	60.1	60.2	60.2	60.6	60.8	60.8	61.1	61.1	61.2	61.4
IV 900 IV 800	48.4	57.8	59.5	60.0	60.9	60.9	61.1	61.2	61.2	61.7	61.8	61.8	62.1	62.1	62.2	62.4
IV 700 IV 600	49.7	59.8	61.6	62.1	63.0	63.1	63.2	63.3	63.3	63.8	64.0	64.0	64.2	64.2	64.3	64.5
IV 500 IV 400	50.9	61.8	63.6	64.2	65.2	65.3	65.4	65.5	65.5	66.0	66.1	66.1	66.4	66.4	66.5	66.7
IV 300 IV 200	52.1	63.2	65.1	65.7	66.7	66.7	66.8	67.0	67.0	67.4	67.6	67.6	67.9	67.9	68.0	68.1
IV 100 0	53.7	64.9	67.8	68.6	69.6	69.7	69.8	69.9	69.9	70.4	70.6	70.6	70.8	70.9	70.9	71.1
	55.2	66.8	70.9	71.6	73.0	73.0	73.2	73.3	73.3	73.7	73.9	73.9	74.2	74.2	74.3	74.5
	56.8	72.0	74.5	75.3	76.8	76.8	76.9	77.1	77.1	77.5	77.7	77.7	77.9	78.0	78.1	78.2
	57.6	74.4	77.1	78.2	79.7	79.8	79.9	80.1	80.1	80.9	81.1	81.1	81.3	81.4	81.4	81.6
	58.1	76.0	78.9	80.4	81.9	82.0	82.2	82.4	82.4	83.2	83.4	83.4	83.6	83.7	83.7	83.9
	58.3	76.9	80.3	82.1	83.8	84.0	84.4	84.5	84.5	85.3	85.5	85.5	85.7	85.8	85.8	86.0
	58.6	77.9	81.9	83.8	85.8	86.0	86.4	86.7	86.7	87.4	87.7	87.7	87.9	88.0	88.0	88.2
	58.7	78.9	83.1	85.3	87.6	87.7	88.3	88.7	88.7	89.5	89.8	89.8	90.0	90.1	90.2	90.4
	58.7	79.8	84.5	86.8	89.6	89.8	90.7	91.2	91.2	92.0	92.3	92.3	92.6	92.7	92.7	92.9
	58.7	80.2	85.1	87.4	91.0	91.2	92.4	92.9	93.0	93.8	94.2	94.2	94.6	94.7	94.7	94.9
	58.7	80.3	85.2	87.6	91.6	91.8	93.3	93.9	94.0	95.0	95.5	95.5	95.9	96.0	96.0	96.3
	58.7	80.3	85.2	87.6	91.6	91.9	93.5	94.2	94.3	95.3	96.0	96.0	96.7	96.8	96.9	97.1
	58.7	80.3	85.2	87.6	91.6	91.9	93.5	94.2	94.3	95.3	96.0	96.1	97.3	97.5	97.6	98.3
	58.7	80.3	85.2	87.6	91.6	91.9	93.5	94.2	94.3	95.3	96.0	96.1	97.5	97.6	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1695

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-53-70

YEARS

FEET

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0600-0900

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	26.7	32.9	34.2	35.3	36.7	36.7	37.2	37.5	37.6	38.0	38.1	38.1	38.7	38.7	38.0	39.2
IV 18000 16000	29.7	36.4	37.7	38.9	40.4	40.6	41.9	41.4	41.4	41.9	42.0	42.0	42.6	42.7	42.9	43.3
IV 14000 12000	29.8	36.5	37.8	39.0	40.6	40.6	41.1	41.5	41.6	42.0	42.1	42.1	42.7	42.8	43.0	43.4
IV 10000 9000	30.0	36.7	38.0	39.3	40.8	40.8	41.4	41.7	41.8	42.2	42.4	42.4	43.0	43.0	43.2	43.6
IV 8000 7000	31.0	39.0	40.3	41.5	43.0	43.0	43.8	44.0	44.0	44.5	44.6	44.6	45.2	45.3	45.5	45.9
IV 6000 5000	33.4	41.3	42.6	43.9	45.4	45.4	46.0	46.3	46.4	46.8	47.0	47.0	47.6	47.6	47.8	48.2
IV 4500 4000	34.5	42.6	44.0	45.2	46.8	46.8	47.4	47.8	47.8	48.2	48.4	48.4	49.0	49.0	49.1	49.3
IV 3500 3000	35.2	43.7	45.2	46.5	48.1	48.1	48.8	49.1	49.2	49.6	49.8	49.8	50.4	50.4	50.7	51.2
IV 2500 2000	36.7	45.7	47.2	48.5	50.2	50.2	51.0	51.4	51.4	51.9	52.1	52.1	52.7	52.7	53.0	53.4
IV 1800 1500	37.9	47.5	49.1	50.5	52.4	52.4	53.1	53.5	53.5	54.0	54.2	54.2	54.8	54.8	55.1	55.5
IV 1200 1000	38.5	48.6	50.2	51.8	53.6	53.6	54.4	54.7	54.8	55.3	55.4	55.4	56.0	56.0	56.3	56.8
IV 900 800	39.6	50.0	51.6	53.4	55.3	55.3	56.0	56.4	56.4	56.9	57.1	57.1	57.7	57.7	58.0	58.4
IV 700 600	40.3	50.9	52.5	54.4	56.3	56.3	57.1	57.5	57.6	58.0	58.2	58.2	58.8	58.9	59.1	59.6
IV 500 400	41.4	52.8	54.7	56.6	58.5	58.5	59.3	59.7	59.8	60.2	60.4	60.4	61.0	61.1	61.4	61.9
IV 300 200	42.4	55.0	57.0	58.9	60.8	60.9	61.7	62.0	62.1	62.6	62.8	62.8	63.3	63.4	63.7	64.2
IV 100 0	44.2	58.0	60.1	62.0	64.0	64.2	65.0	65.3	65.4	65.9	66.1	66.1	66.6	66.7	67.0	67.5
	44.7	58.6	60.9	62.9	65.0	65.1	66.0	66.4	66.4	66.9	67.1	67.1	67.7	67.7	68.0	68.5
	45.4	61.6	64.2	66.3	68.7	68.9	69.8	70.2	70.2	70.8	71.0	71.0	71.5	71.6	72.0	72.4
	47.9	64.5	67.4	69.7	72.3	72.6	73.5	73.8	74.0	74.5	74.7	74.7	75.3	75.3	75.7	76.2
	48.8	66.7	69.7	72.3	75.0	75.1	76.3	76.7	76.8	77.3	77.6	77.6	78.2	78.2	78.6	79.0
	49.2	67.9	71.6	74.7	77.4	77.9	79.0	79.5	79.6	80.2	80.5	80.5	81.1	81.2	81.5	82.0
	49.6	68.9	72.9	76.3	79.3	79.5	81.0	81.5	81.6	82.3	82.5	82.5	83.1	83.1	83.5	84.0
	49.9	69.9	74.1	77.7	80.9	81.3	82.8	83.4	83.5	84.4	84.8	84.9	85.5	85.6	86.0	86.4
	50.1	71.0	75.7	79.8	83.2	83.6	85.3	86.0	86.2	87.2	87.7	87.7	88.4	88.4	88.8	89.3
	50.2	71.7	76.9	81.2	85.1	85.5	87.5	88.4	88.7	89.8	90.3	90.4	91.0	91.1	91.4	91.9
	50.2	72.3	77.4	81.8	86.1	86.5	89.0	90.0	90.4	91.6	92.2	92.7	93.1	93.2	93.6	94.0
	50.2	72.4	77.6	82.1	86.5	87.0	89.7	90.9	91.4	92.7	93.6	93.7	94.6	94.7	95.2	95.7
	50.2	72.4	77.6	82.1	86.6	87.1	89.8	91.1	91.7	93.4	94.6	94.7	96.0	96.2	97.1	98.5
	50.2	72.4	77.6	82.1	86.6	87.1	89.8	91.1	91.7	93.4	94.6	94.7	96.1	96.2	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1694

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13864 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-33-70 YEARS FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1½	≥ 1	≥ ¾	≥ 5/8	≥ ¾	≥ 5/16	≥ ¾	≥ 0	
NO CEILING IV 20000	31.3	36.5	37.2	37.7	38.1	38.1	38.1	38.1	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.4	38.6
IV 18000 16000	34.6	40.7	41.7	42.4	42.9	42.9	43.1	43.1	43.1	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.7
IV 15000 12000	34.9	41.4	42.1	42.8	43.3	43.4	43.5	43.5	43.5	43.7	43.8	43.9	43.8	43.8	43.8	43.8	44.1
IV 12000 10000	35.4	42.1	42.8	43.5	44.0	44.1	44.2	44.2	44.2	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.8
IV 10000 8000	36.8	43.7	44.4	45.1	45.6	45.7	45.8	45.8	45.8	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.4
IV 8000 6000	38.2	45.5	46.3	47.0	47.6	47.6	47.8	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.1	48.3
IV 6000 5000	39.2	46.8	47.6	48.3	48.8	48.8	49.0	49.0	49.0	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.6
IV 5000 4500	41.1	49.0	49.7	50.4	51.0	51.1	51.2	51.2	51.2	51.4	51.5	51.5	51.5	51.5	51.5	51.6	51.8
IV 4500 4000	42.3	50.8	51.7	52.5	53.1	53.2	53.2	53.2	53.2	53.4	53.6	53.6	53.6	53.6	53.6	53.7	53.9
IV 4000 3500	43.5	52.5	53.5	54.3	54.9	54.9	55.1	55.1	55.1	55.3	55.4	55.4	55.4	55.4	55.4	55.5	55.7
IV 3500 3000	44.7	54.4	55.5	56.4	57.0	57.1	57.2	57.2	57.2	57.4	57.5	57.5	57.5	57.5	57.5	57.6	57.8
IV 3000 2500	45.7	55.8	56.0	56.9	57.5	57.6	57.7	57.8	57.8	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.3
IV 2500 2000	46.2	56.5	57.5	58.3	59.4	59.5	59.6	59.7	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.1	60.2
IV 2000 1800	46.5	56.9	58.0	59.2	59.9	60.0	60.2	60.2	60.3	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.9
IV 1800 1500	47.3	58.6	59.4	61.2	61.9	62.0	62.2	62.3	62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.7	62.9
IV 1500 1200	48.7	60.8	62.0	63.3	64.1	64.2	64.3	64.3	64.3	64.5	64.8	64.9	64.9	64.9	64.9	65.0	65.2
IV 1200 1000	50.3	63.8	65.1	66.4	67.3	67.3	67.7	67.7	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.4
IV 1000 900	51.4	65.6	66.9	68.2	69.1	69.1	69.5	69.5	69.5	69.6	69.9	69.9	69.9	69.9	69.9	70.0	70.2
IV 900 800	52.4	69.0	70.8	72.2	73.1	73.2	73.6	73.6	73.8	73.8	74.1	74.2	74.2	74.2	74.2	74.2	74.5
IV 800 700	54.8	72.6	74.7	76.8	78.1	78.2	78.9	78.9	79.2	79.2	79.5	79.6	79.6	79.6	79.6	79.7	79.9
IV 700 600	55.3	74.6	77.3	79.7	81.1	81.3	82.0	82.4	82.4	82.7	82.8	82.8	82.8	82.8	82.8	82.9	83.2
IV 600 500	56.0	76.2	79.1	81.6	82.4	82.6	83.5	83.8	83.8	84.9	85.3	85.4	85.4	85.4	85.4	85.5	85.7
IV 500 400	56.6	77.2	80.4	82.9	83.1	83.4	84.5	84.9	84.9	87.0	87.4	87.4	87.4	87.4	87.4	87.7	87.9
IV 400 300	56.9	78.2	81.7	84.6	87.1	87.4	88.6	89.3	89.3	89.8	89.8	90.0	90.0	90.0	90.0	90.1	90.3
IV 300 200	57.1	79.0	82.1	85.1	89.0	89.3	90.9	91.8	91.8	91.9	92.4	92.6	92.6	92.6	92.7	92.7	93.0
IV 200 100	57.1	79.4	83.7	87.5	91.3	91.3	93.7	95.0	95.0	95.2	96.3	96.6	96.6	96.6	96.9	97.1	97.3
IV 100 0	57.1	79.4	83.7	87.5	91.3	91.3	94.0	95.4	95.4	95.6	96.8	97.2	97.2	97.2	97.6	97.6	98.1
	57.1	79.4	83.7	87.5	91.3	91.3	94.2	95.6	95.6	95.8	97.2	97.9	98.0	98.0	98.6	98.6	99.8
	57.1	79.4	83.7	87.5	91.3	91.3	94.2	95.6	95.6	95.8	97.2	97.9	98.0	98.0	98.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1695

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1974 ENCLAND AFB LOUISIANA/ALEXANDRIA 44-45, 87-70

YEARS

PER MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	37.4	40.4	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9
IVV 18000 16000	43.1	46.8	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IVV 14000 12000	43.7	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2
IVV 10000 9000	44.0	48.4	48.7	48.7	48.8	48.8	48.8	48.8	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IVV 8000 7000	46.0	50.5	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IVV 6000 5000	48.4	53.6	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IVV 4500 4000	49.3	54.7	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IVV 3500 3000	51.3	56.9	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.9	57.9	57.9	57.9	57.9	57.9	57.9
IVV 2500 2000	52.6	58.8	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IVV 1800 1500	53.5	59.9	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7
IVV 1200 1000	54.7	61.7	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IVV 900 800	55.2	62.2	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IVV 700 600	56.8	64.1	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IVV 500 400	57.7	65.2	65.6	65.6	65.8	65.8	65.8	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IVV 300 200	59.6	67.7	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IVV 100 0	62.2	71.3	71.8	72.0	72.2	72.2	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IVV 100 0	64.9	75.3	76.0	76.3	76.7	76.7	76.7	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IVV 100 0	66.5	77.3	78.1	78.4	78.8	78.8	78.8	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IVV 100 0	68.4	80.7	82.2	82.1	82.8	82.8	82.8	82.8	82.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IVV 100 0	69.5	83.1	85.2	86.2	87.0	87.1	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IVV 100 0	70.1	84.8	87.1	88.4	89.3	89.4	89.4	89.4	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IVV 100 0	70.1	85.1	87.4	88.8	89.7	89.9	89.9	89.9	89.9	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IVV 100 0	70.4	84.1	88.6	90.1	91.3	91.4	91.4	91.4	91.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IVV 100 0	70.8	86.8	89.5	91.2	92.4	92.6	92.6	92.6	92.6	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IVV 100 0	70.9	87.3	90.3	92.1	93.5	93.9	93.9	93.9	93.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IVV 100 0	71.0	87.6	90.7	92.9	94.6	95.2	95.2	95.2	95.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IVV 100 0	71.0	87.7	90.8	93.2	95.1	95.8	95.8	95.8	95.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IVV 100 0	71.0	87.7	90.8	93.3	95.3	95.9	95.9	95.9	95.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IVV 100 0	71.0	87.7	90.8	93.3	95.3	95.9	95.9	95.9	95.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IVV 100 0	71.0	87.7	90.8	93.3	95.3	95.9	95.9	95.9	95.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IVV 100 0	71.0	87.7	90.8	93.3	95.3	95.9	95.9	95.9	95.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IVV 100 0	71.0	87.7	90.8	93.3	95.3	95.9	95.9	95.9	95.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IVV 100 0	71.0	87.7	90.8	93.3	95.3	95.9	95.9	95.9	95.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IVV 100 0	71.0	87.7	90.8	93.3	95.3	95.9	95.9	95.9	95.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6

TOTAL NUMBER OF OBSERVATIONS 1695

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1964 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 53-70 YEARS FEB 1964

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1960-1960

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.0	42.4	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9
IV 20000	48.2	51.5	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4
IV 18000	48.6	51.9	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7
IV 16000	49.1	52.4	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2
IV 14000	49.9	53.3	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1
IV 12000	50.0	54.0	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4
IV 10000	52.7	57.1	57.6	57.7	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0
IV 9000	54.3	58.8	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9
IV 8000	56.5	61.2	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2
IV 7000	58.0	62.9	63.5	63.6	63.8	63.8	63.8	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0
IV 6000	59.0	64.2	65.0	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5
IV 5000	60.3	65.4	67.3	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8
IV 4500	61.2	67.3	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7
IV 4000	62.5	69.1	70.0	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7
IV 3500	63.9	71.1	72.0	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7
IV 3000	66.4	74.3	75.2	75.7	75.9	75.9	75.9	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1
IV 2500	68.2	76.9	78.1	78.6	78.9	78.9	78.9	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1
IV 2000	70.3	80.6	82.2	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4
IV 1800	71.0	81.7	83.2	83.8	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
IV 1500	71.6	83.6	85.2	86.0	86.7	86.7	86.7	86.7	86.7	86.7	87.2	87.2	87.2	87.2	87.2	87.2
IV 1200	72.1	85.2	87.1	88.0	88.7	88.7	88.7	88.7	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0
IV 1000	72.3	86.0	88.1	89.2	90.1	90.1	90.1	90.1	90.1	90.1	90.7	90.7	90.7	90.7	90.7	90.7
IV 900	72.4	86.3	88.7	89.7	90.8	90.8	90.8	90.8	90.8	90.8	91.4	91.4	91.4	91.4	91.4	91.4
IV 800	72.6	87.0	89.7	90.9	92.3	92.3	92.3	92.3	92.3	92.3	93.0	93.0	93.0	93.0	93.0	93.0
IV 700	72.8	87.5	90.3	91.7	93.4	93.4	93.4	93.4	93.4	93.4	94.3	94.3	94.3	94.3	94.3	94.3
IV 600	72.8	88.0	90.9	92.4	94.5	94.5	94.5	94.5	94.5	94.5	95.3	95.3	95.3	95.3	95.3	95.3
IV 500	72.9	88.2	91.6	93.2	95.5	95.5	95.5	95.5	95.5	95.5	96.3	96.3	96.3	96.3	96.3	96.3
IV 400	72.9	88.4	91.8	93.7	96.0	96.0	96.0	96.0	96.0	96.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 300	72.9	88.4	91.8	93.7	96.0	96.2	97.1	98.0	98.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	72.9	88.5	91.9	93.7	96.1	96.3	97.2	98.1	98.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	72.9	88.5	91.9	93.7	96.1	96.3	97.2	98.1	98.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	72.9	88.5	91.9	93.7	96.1	96.3	97.2	98.1	98.3	99.4	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1694

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1974 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-53-70 YEARS FEB 1988

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1695

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.1	47.2	47.8	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3
≥ 20000	50.9	55.1	56.1	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IVV 18000	51.1	55.3	56.3	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8
IVV 16000	51.4	55.6	56.6	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1
IVV 14000	51.9	56.3	57.3	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8
IVV 12000	52.2	56.2	57.2	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IVV 10000	52.9	56.7	57.7	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IVV 9000	53.0	56.8	57.8	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IVV 8000	53.9	57.1	58.1	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
IVV 7000	54.8	57.4	58.4	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IVV 6000	55.9	57.7	58.7	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IVV 5000	56.9	58.0	59.0	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IVV 4500	57.9	58.3	59.3	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IVV 4000	58.9	58.7	59.7	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IVV 3500	59.9	59.0	60.0	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IVV 3000	60.9	60.0	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IVV 2500	61.9	61.0	62.0	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IVV 2000	62.9	62.0	63.0	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IVV 1800	63.9	63.0	64.0	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IVV 1500	64.9	64.0	65.0	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IVV 1200	65.9	65.0	66.0	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IVV 1000	66.9	66.0	67.0	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IVV 900	67.9	67.0	68.0	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IVV 800	68.9	68.0	69.0	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IVV 700	69.9	69.0	70.0	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IVV 600	70.9	70.0	71.0	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IVV 500	71.9	71.0	72.0	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IVV 400	72.9	72.0	73.0	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IVV 300	73.9	73.0	74.0	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IVV 200	74.9	74.0	75.0	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IVV 100	75.9	75.0	76.0	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IVV 0	76.9	76.0	77.0	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4

TOTAL NUMBER OF OBSERVATIONS 1695

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13824 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	49.4	49.0	50.7	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2
IV 18000 16000	49.0	54.0	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5
IV 14000 12000	49.4	54.3	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
IV 10000 9000	49.4	54.5	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9
IV 8000 7000	50.1	55.2	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 6000 5000	51.1	56.2	57.3	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9
IV 4500 4000	53.4	58.6	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3
IV 3500 3000	54.1	59.4	60.5	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1
IV 2500 2000	56.0	62.1	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9
IV 1800 1500	57.9	64.3	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5
IV 1200 1000	58.5	65.5	66.8	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 900 800	59.6	67.7	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7
IV 700 600	60.7	69.0	70.4	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2
IV 500 400	61.9	70.4	71.9	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7
IV 300 200	62.9	72.0	73.5	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 100 0	64.0	73.3	74.9	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8
	65.1	75.0	76.6	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5
	66.7	78.5	80.1	80.8	80.9	80.9	80.9	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1
	67.0	79.4	80.9	81.7	81.9	81.9	81.9	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1
	68.3	81.5	83.1	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
	68.8	83.3	85.3	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
	69.1	84.4	86.7	87.8	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
	69.4	85.0	87.4	88.6	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6
	69.6	86.0	88.7	89.9	91.0	91.1	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3
	69.9	86.8	89.8	91.0	92.3	92.4	92.4	92.4	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7
	69.9	87.0	90.2	91.6	93.2	93.3	93.3	93.3	93.3	93.3	93.9	93.9	93.9	93.9	93.9	93.9
	70.0	88.0	91.4	93.0	95.0	95.0	95.0	95.0	95.0	95.0	95.6	95.6	95.6	95.6	95.6	95.6
	70.0	88.2	91.7	93.6	95.9	96.0	96.0	96.0	96.0	96.0	96.9	96.9	96.9	96.9	96.9	96.9
	70.0	88.2	91.7	93.6	96.0	96.2	96.2	96.2	96.2	96.2	97.1	97.1	97.1	97.1	97.1	97.1
	70.0	88.2	91.7	93.6	96.0	96.2	96.2	96.2	96.2	96.2	97.2	97.2	97.2	97.2	97.2	97.2
	70.0	88.2	91.7	93.6	96.1	96.2	96.2	96.2	96.2	96.2	97.2	97.2	97.2	97.2	97.2	97.2
	70.0	88.2	91.7	93.6	96.1	96.2	96.2	96.2	96.2	96.2	97.8	97.8	97.8	97.8	97.8	97.8
	70.0	88.2	91.7	93.6	96.1	96.2	96.2	96.2	96.2	96.2	98.6	98.6	98.6	98.6	98.6	98.6
	70.0	88.2	91.7	93.6	96.1	96.2	96.2	96.2	96.2	96.2	98.6	98.6	98.6	98.6	98.6	98.6
	70.0	88.2	91.7	93.6	96.1	96.2	96.2	96.2	96.2	96.2	99.0	99.0	99.0	99.0	99.0	99.0
	70.0	88.2	91.7	93.6	96.1	96.2	96.2	96.2	96.2	96.2	99.1	99.1	99.1	99.1	99.1	99.1
	70.0	88.2	91.7	93.6	96.1	96.2	96.2	96.2	96.2	96.2	99.4	99.4	99.4	99.4	99.4	99.4
	70.0	88.2	91.7	93.6	96.1	96.2	96.2	96.2	96.2	96.2	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 1695

C  
2  
C

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

1953 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70 YEARS

WAR  
HEATH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000 0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	40.1	47.8	48.9	49.4	49.6	49.6	49.7	49.8	49.8	49.9	49.9	49.9	49.9	49.9	50.0	50.1
IV 18000 16000	42.5	50.6	51.9	52.5	52.7	52.7	52.7	52.8	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.2
IV 14500 12000	42.7	50.9	52.2	52.7	53.0	53.0	53.0	53.1	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.4
IV 10000 9000	44.0	52.5	53.8	54.3	54.6	54.6	54.7	54.7	54.7	54.8	54.9	54.9	54.9	54.9	54.9	55.0
IV 8000 7000	45.2	53.6	55.0	55.5	55.8	55.8	55.8	55.9	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.2
IV 6000 5000	46.4	55.3	56.7	57.3	57.5	57.5	57.6	57.6	57.6	57.7	57.8	57.8	57.8	57.8	57.8	58.0
IV 4500 4000	48.0	57.1	58.7	59.3	59.6	59.6	59.7	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	60.1
IV 3500 3000	49.9	59.9	61.5	62.3	62.6	62.6	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	63.0	63.1
IV 2500 200	50.4	60.8	62.3	63.1	63.5	63.5	63.6	63.6	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.9
IV 1500	51.8	62.6	64.2	65.0	65.3	65.4	65.4	65.5	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.8
IV 1000	52.0	63.7	65.4	66.2	66.6	66.6	66.7	66.7	66.7	66.8	66.9	66.9	66.9	66.9	67.0	67.1
IV 700 600	53.1	65.5	67.4	68.2	68.6	68.7	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	69.0	69.1
IV 500 400	54.8	68.1	70.0	70.8	71.2	71.3	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.7
IV 300 200	57.3	71.7	73.6	74.4	74.9	74.9	75.0	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.3	75.4
IV 200	57.9	72.6	74.6	75.5	76.0	76.0	76.1	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.4
IV 100 0	59.8	76.2	78.2	79.1	79.6	79.6	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	80.0	80.1
IV 0	61.8	80.6	82.7	83.6	84.2	84.3	84.4	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.7
IV 0	62.6	82.0	84.4	85.4	86.2	86.3	86.4	86.4	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.7
IV 0	63.0	84.3	87.1	88.3	89.2	89.4	89.6	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	90.0
IV 0	63.3	85.5	88.6	89.9	91.1	91.3	91.6	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	92.0
IV 0	63.6	86.8	90.3	91.9	93.3	93.5	93.9	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.3
IV 0	63.6	87.2	90.8	92.6	94.2	94.6	95.0	95.1	95.2	95.4	95.5	95.5	95.5	95.5	95.6	95.7
IV 0	63.7	87.7	91.5	93.4	95.0	95.4	95.9	96.0	96.1	96.4	96.5	96.5	96.5	96.5	96.7	96.8
IV 0	63.7	87.9	91.9	93.9	95.6	96.1	96.7	97.0	97.1	97.5	97.7	97.7	97.7	97.7	97.8	98.0
IV 0	63.7	87.9	91.9	94.0	95.8	96.3	97.0	97.4	97.6	98.1	98.2	98.2	98.2	98.2	98.4	98.5
IV 0	63.7	88.0	92.0	94.1	96.0	96.5	97.1	97.6	97.7	98.3	98.7	98.7	98.8	98.8	99.0	99.1
IV 0	63.7	88.0	92.0	94.1	96.0	96.5	97.2	97.6	97.8	98.5	98.8	98.8	98.8	99.2	99.3	99.7
IV 0	63.7	88.0	92.0	94.1	96.0	96.5	97.2	97.6	97.8	98.5	98.8	98.8	98.8	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1855

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1954 ENGLAND AFB LOUISIANA ALEXANDRIA 44-49,53-70

YEARS

MAX MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.1	41.8	43.0	43.8	44.9	44.9	45.3	45.6	45.6	45.9	45.9	45.9	46.0	46.0	46.2	46.6
IV 20000	36.4	44.4	43.7	46.7	47.7	47.8	48.2	48.4	48.4	48.7	48.8	48.8	48.9	48.9	49.0	49.4
IV 18000	36.4	44.5	45.7	46.7	47.8	47.8	48.3	48.5	48.5	48.8	48.8	48.8	49.0	49.0	49.1	49.5
IV 16000	36.4	44.5	45.7	46.7	47.8	47.8	48.3	48.5	48.5	48.8	48.8	48.8	49.0	49.0	49.1	49.5
IV 14000	36.7	44.8	46.0	47.1	48.1	48.1	48.6	48.8	48.8	49.1	49.2	49.2	49.3	49.3	49.4	49.8
IV 12000	37.5	45.7	46.9	47.9	49.0	49.0	49.4	49.7	49.7	50.0	50.0	50.0	50.1	50.1	50.2	50.7
IV 10000	38.5	46.9	48.1	49.1	50.1	50.2	50.6	50.8	50.8	51.2	51.2	51.2	51.3	51.3	51.4	51.9
IV 9000	38.5	47.4	48.6	49.7	50.7	50.7	51.2	51.4	51.4	51.7	51.7	51.7	51.9	51.9	52.0	52.4
IV 8000	39.1	48.3	49.5	50.6	51.6	51.7	52.1	52.3	52.3	52.7	52.7	52.7	52.8	52.8	52.9	53.4
IV 7000	39.9	49.4	50.6	51.7	52.7	52.8	53.2	53.4	53.4	53.7	53.8	53.8	53.9	53.9	54.0	54.4
IV 6000	40.3	50.0	51.3	52.6	53.7	53.7	54.2	54.4	54.4	54.8	54.8	54.8	54.9	54.9	55.0	55.5
IV 5000	42.1	52.2	53.5	54.9	55.9	56.0	56.4	56.6	56.6	57.0	57.1	57.1	57.2	57.2	57.3	57.7
IV 4500	42.6	53.3	54.5	56.0	57.1	57.1	57.6	57.8	57.8	58.1	58.2	58.2	58.3	58.3	58.4	58.8
IV 4000	43.6	55.2	56.6	58.1	59.2	59.2	59.7	59.9	59.9	60.2	60.3	60.3	60.4	60.4	60.5	60.9
IV 3500	44.1	56.3	57.7	59.2	60.4	60.5	60.9	61.1	61.1	61.5	61.5	61.5	61.6	61.6	61.8	62.2
IV 3000	45.1	57.8	59.4	60.9	62.3	62.3	62.8	63.0	63.0	63.4	63.4	63.4	63.5	63.5	63.6	64.1
IV 2500	46.3	59.6	61.3	62.9	64.2	64.3	64.7	64.9	64.9	65.3	65.4	65.4	65.5	65.5	65.6	66.0
IV 2000	49.0	63.3	65.1	66.7	68.2	68.3	68.8	69.1	69.1	69.5	69.6	69.6	69.7	69.7	69.8	70.2
IV 1800	49.6	64.2	66.1	67.8	69.4	69.6	70.1	70.3	70.3	70.7	70.8	70.8	70.9	70.9	71.0	71.4
IV 1500	51.5	67.5	69.7	71.4	73.2	73.4	73.9	74.1	74.1	74.6	74.6	74.6	74.7	74.7	74.8	75.3
IV 1200	54.0	72.0	74.6	76.4	78.3	78.4	79.0	79.3	79.3	79.7	79.8	79.8	79.9	79.9	80.0	80.5
IV 1000	54.7	74.1	76.8	78.8	80.8	80.9	81.6	81.9	81.9	82.3	82.4	82.4	82.5	82.5	82.6	83.1
IV 900	55.4	75.9	78.9	81.1	83.1	83.2	83.9	84.2	84.2	84.7	84.8	84.8	84.9	84.9	85.0	85.4
IV 800	55.7	77.9	81.1	83.5	85.7	85.9	86.6	87.0	87.0	87.5	87.6	87.6	87.7	87.7	87.8	88.3
IV 700	56.1	79.1	82.5	85.4	87.8	88.0	88.8	89.2	89.2	89.8	89.9	89.9	90.0	90.0	90.1	90.5
IV 600	56.4	80.4	84.1	87.1	89.8	90.0	90.8	91.4	91.4	92.1	92.1	92.1	92.4	92.4	92.5	92.9
IV 500	56.4	81.0	85.1	88.2	91.2	91.3	92.3	93.0	93.0	93.7	93.8	93.8	93.9	93.9	94.0	94.5
IV 400	56.4	81.3	85.6	88.9	92.1	92.4	93.6	94.4	94.4	95.3	95.4	95.4	95.5	95.5	95.6	96.1
IV 300	56.5	81.5	85.7	89.1	92.4	92.7	94.0	95.0	95.0	96.0	96.1	96.1	96.2	96.2	96.3	96.8
IV 200	56.5	81.5	85.8	89.2	92.6	92.9	94.4	95.4	95.4	96.7	96.9	96.9	97.2	97.2	97.4	98.0
IV 100	56.5	81.5	85.8	89.2	92.6	92.9	94.5	95.6	95.8	96.9	97.1	97.1	97.6	97.6	98.2	98.9
IV 0	56.5	81.5	85.8	89.2	92.6	92.9	94.5	95.6	95.8	96.9	97.1	97.2	97.6	97.6	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1859

1  
2  
3

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1964 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-53-70 YEARS MAR 1968-1969

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0688-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	25.1	33.7	35.8	36.8	37.6	37.7	38.2	38.5	38.5	38.7	39.0	39.6	39.1	39.1	39.2	39.5
IV 18000	27.9	37.6	39.9	41.2	42.1	42.3	42.9	43.2	43.2	43.4	43.8	43.8	43.9	43.9	44.0	44.3
IV 16000	27.9	37.6	39.9	41.2	42.1	42.3	42.9	43.2	43.2	43.4	43.8	43.8	43.9	43.9	44.0	44.3
IV 14000	28.0	37.7	40.0	41.2	42.2	42.4	42.9	43.2	43.2	43.5	43.8	43.8	43.9	43.9	44.1	44.3
IV 12000	28.4	38.3	40.6	41.9	42.8	43.0	43.6	43.9	43.9	44.1	44.5	44.5	44.6	44.6	44.7	45.0
IV 10000	30.0	40.0	42.3	43.6	44.6	44.8	45.4	45.7	45.7	46.0	46.3	46.3	46.4	46.4	46.6	46.8
IV 9000	31.6	42.1	44.5	45.9	46.0	47.1	47.7	48.0	48.0	48.3	48.6	48.6	48.7	48.7	48.9	49.1
IV 8000	31.8	42.5	44.9	46.2	47.2	47.5	48.1	48.4	48.4	48.7	49.0	49.0	49.1	49.1	49.2	49.5
IV 7000	32.0	43.9	46.4	47.8	48.0	49.1	49.7	50.0	50.0	50.3	50.6	50.6	50.7	50.7	50.9	51.1
IV 6000	33.4	45.0	47.6	49.0	50.0	50.3	51.0	51.2	51.2	51.5	51.8	51.8	51.9	51.9	52.1	52.4
IV 5000	33.9	45.7	48.5	50.1	51.1	51.5	52.2	52.4	52.4	52.9	53.2	53.2	53.3	53.3	53.5	53.8
IV 4500	35.4	47.7	50.6	52.3	53.6	53.9	54.7	55.0	55.0	55.5	55.8	55.8	55.9	55.9	56.1	56.4
IV 4000	35.7	48.3	51.2	52.9	54.1	54.5	55.3	55.6	55.6	56.1	56.4	56.4	56.5	56.5	56.7	56.9
IV 3500	37.0	50.4	53.4	55.1	56.5	56.8	57.6	57.9	57.9	58.4	58.7	58.7	58.8	58.8	59.0	59.3
IV 3000	37.2	50.8	53.8	55.6	57.1	57.4	58.2	58.5	58.5	59.0	59.3	59.3	59.4	59.4	59.6	59.8
IV 2500	37.9	52.0	55.1	56.9	58.3	58.7	59.5	59.9	59.9	60.4	60.8	60.8	60.9	60.9	61.0	61.3
IV 2000	38.7	53.0	56.8	58.8	60.3	60.7	61.5	61.9	61.9	62.4	62.8	62.8	62.9	62.9	63.0	63.3
IV 1800	40.3	56.9	60.2	62.1	63.8	64.2	65.1	65.6	65.6	66.1	66.5	66.5	66.6	66.6	66.7	67.0
IV 1500	40.8	57.9	61.2	63.2	65.0	65.3	66.2	66.7	66.7	67.4	67.7	67.7	67.8	67.8	68.0	68.2
IV 1200	42.5	60.8	64.3	66.5	68.5	68.8	69.7	70.3	70.4	71.0	71.4	71.4	71.5	71.5	71.6	71.9
IV 1000	44.8	65.2	68.9	71.5	73.7	74.2	75.3	75.8	75.8	76.5	76.8	76.8	76.9	76.9	77.1	77.3
IV 900	45.5	67.5	71.9	74.6	77.0	77.4	78.6	79.2	79.2	80.0	80.4	80.4	80.5	80.5	80.6	80.9
IV 800	45.9	68.9	73.4	76.3	78.8	79.4	80.6	81.3	81.4	82.1	82.5	82.5	82.7	82.7	82.8	83.1
IV 700	46.0	70.1	74.9	78.0	80.7	81.4	82.7	83.4	83.5	84.3	84.7	84.7	84.8	84.8	85.0	85.3
IV 600	46.4	72.1	77.1	80.6	83.6	84.3	85.7	86.4	86.5	87.3	87.7	87.7	87.8	87.8	88.1	88.3
IV 500	46.7	73.0	78.3	82.1	85.4	86.2	87.8	88.6	88.8	89.6	90.3	90.3	90.5	90.5	90.7	91.0
IV 400	46.7	73.4	79.1	83.0	86.6	87.5	89.3	90.5	90.7	91.9	92.0	92.5	92.7	92.7	92.9	93.2
IV 300	46.8	73.6	79.4	83.3	87.0	87.9	89.9	91.6	91.9	93.3	94.1	94.2	94.5	94.5	94.8	95.0
IV 200	46.8	73.7	79.5	83.4	87.1	88.0	90.3	92.0	92.4	94.0	95.0	95.0	95.5	95.6	95.9	96.1
IV 100	46.8	73.7	79.6	83.5	87.4	88.3	90.9	92.7	93.0	94.8	96.0	96.1	96.6	96.7	97.1	97.6
IV 0	46.8	73.7	79.6	83.5	87.4	88.3	90.9	92.7	93.1	94.9	96.2	96.3	97.0	97.2	98.1	99.1

TOTAL NUMBER OF OBSERVATIONS 1058

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

13834 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-53-70 YEARS MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0986 1100

CEILING (FEET)	VICINITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.0	40.3	41.1	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 20000	38.3	45.0	46.0	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
IV 18000	38.6	46.0	47.1	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 16000	38.7	46.1	47.2	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
IV 14000	39.5	47.1	48.1	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
IV 12000	41.0	48.0	49.8	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
IV 10000	42.2	50.5	51.6	51.9	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IV 9000	42.6	51.4	52.6	52.8	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 8000	43.9	53.6	54.9	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IV 7000	45.2	55.2	56.5	56.8	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 6000	45.7	55.9	57.3	57.7	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 5000	46.7	57.4	58.8	59.3	59.8	59.9	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 4500	47.0	57.9	59.4	59.9	60.4	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
IV 4000	47.3	58.1	59.6	60.1	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 3500	49.2	61.4	62.8	63.4	63.9	64.0	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 3000	50.6	63.3	64.5	65.4	66.0	66.1	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 2500	51.9	65.3	66.7	67.4	68.0	68.1	68.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 2000	54.6	69.6	71.2	71.8	72.5	72.7	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 1800	55.8	71.1	72.8	73.6	74.2	74.4	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 1500	58.2	76.0	77.8	78.8	79.6	79.8	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 1200	59.2	79.4	81.6	82.9	83.9	84.1	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 1000	59.9	81.7	84.7	86.3	87.5	87.8	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 900	60.2	82.7	86.1	87.9	89.2	89.7	90.1	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 800	60.4	83.5	87.0	89.1	90.6	91.2	91.7	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 700	60.6	84.1	87.7	89.9	91.5	92.1	92.7	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 600	60.7	84.8	88.9	91.1	93.2	93.8	94.6	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 500	60.8	85.4	89.8	92.2	94.7	95.4	96.6	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 400	60.8	85.4	89.9	92.5	95.0	95.8	97.1	97.9	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 300	60.8	85.4	89.9	92.5	95.1	95.9	97.3	98.2	98.4	99.2	99.4	99.4	99.4	99.6	99.6	99.6
IV 200	60.8	85.4	89.9	92.5	95.1	95.9	97.3	98.2	98.4	99.2	99.5	99.5	99.7	99.7	99.8	99.8
IV 100	60.8	85.4	89.9	92.5	95.1	95.9	97.3	98.2	98.5	99.3	99.6	99.6	99.8	99.8	99.9	99.9
IV 0	60.8	85.4	89.9	92.5	95.1	95.9	97.3	98.2	98.5	99.3	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1857

2

DATA PROCESSING DIVISION  
USAF ETAC  
A K WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1984 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70 YEARS 1984

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1600

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	41.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IVV 18000 16000	48.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IVV 14000 12000	49.1	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IVV 10000 9000	49.2	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IVV 8000 7000	50.1	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IVV 6000 5000	51.7	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IVV 4500 4000	53.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IVV 3500 3000	53.8	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IVV 2500 2000	55.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IVV 1800 1500	56.0	60.3	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
IVV 1200 1000	57.0	61.6	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2
IVV 900 800	58.4	63.3	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3
IVV 700 600	59.3	64.7	64.9	65.0	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IVV 500 400	61.4	67.6	67.9	68.0	68.2	68.2	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IVV 300 200	63.4	70.0	70.3	70.4	70.6	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IVV 100 0	66.3	74.1	74.6	74.7	74.9	74.9	75.0	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IVV 0	69.0	77.9	78.6	78.7	79.0	79.0	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IVV 0	71.4	81.8	82.6	82.8	83.2	83.2	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IVV 0	72.5	83.6	84.4	84.7	85.1	85.1	85.2	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IVV 0	73.7	86.1	87.2	87.8	88.2	88.2	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IVV 0	74.8	89.3	90.7	91.4	92.1	92.1	92.3	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IVV 0	75.2	90.6	92.0	92.9	93.8	93.9	94.1	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6
IVV 0	75.4	91.2	92.7	93.7	94.7	94.7	95.0	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IVV 0	75.5	91.7	93.3	94.6	95.6	95.7	96.0	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IVV 0	75.7	92.1	94.0	95.1	96.3	96.5	96.9	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IVV 0	75.7	92.4	94.4	95.7	97.0	97.2	97.6	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IVV 0	75.7	92.6	94.6	96.0	97.6	97.8	98.3	98.8	98.9	99.2	99.2	99.2	99.2	99.3	99.3	99.3
IVV 0	75.7	92.7	94.8	96.2	98.0	98.2	98.8	99.2	99.3	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IVV 0	75.7	92.7	94.8	96.3	98.0	98.2	98.8	99.3	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9
IVV 0	75.7	92.7	94.8	96.3	98.0	98.2	98.8	99.3	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0
IVV 0	75.7	92.7	94.8	96.3	98.0	98.2	98.8	99.3	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1854

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1954 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-4553-70 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500 1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.4	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
IV 20000	53.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 18000	53.7	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 16000	53.9	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 14000	55.2	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 12000	57.0	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 10000	58.0	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 9000	59.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IV 8000	60.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 7000	61.8	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 6000	62.6	67.2	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 5000	64.6	70.3	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 4500	65.5	71.4	71.6	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 4000	67.3	74.1	74.3	74.5	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 3500	69.5	76.9	77.2	77.5	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 3000	71.9	80.3	80.7	81.1	81.3	81.3	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 2500	74.1	83.6	84.1	84.4	84.6	84.6	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 2000	76.4	87.3	88.0	88.4	88.8	88.8	88.8	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1
IV 1500	76.6	88.0	88.7	89.2	89.6	89.6	89.6	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
IV 1200	77.5	90.1	90.9	91.6	92.1	92.1	92.1	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
IV 1000	78.2	91.0	93.0	93.9	94.3	94.6	94.6	94.7	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0
IV 900	78.6	92.6	93.0	95.0	95.7	95.8	96.0	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3
IV 800	78.8	92.9	94.3	95.4	96.2	96.3	96.4	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
IV 700	78.8	93.2	94.8	96.0	96.8	96.9	97.0	97.1	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5
IV 600	78.8	93.3	95.0	96.2	97.1	97.2	97.5	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9
IV 500	79.0	93.4	95.2	96.6	97.6	97.7	98.1	98.3	98.3	98.3	98.5	98.6	98.6	98.6	98.6	98.6
IV 400	79.1	93.6	95.5	96.9	97.9	98.0	98.7	99.0	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	79.1	93.6	95.5	97.1	98.1	98.3	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	79.1	93.6	95.5	97.1	98.2	98.3	99.0	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	79.1	93.6	95.5	97.1	98.2	98.3	99.0	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	79.1	93.6	95.5	97.1	98.2	98.3	99.0	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1854

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13834 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

YEARS

WAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING IV 20000	46.7	51.7	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 18000	54.9	60.6	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 16000	55.3	61.0	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 14000	55.6	61.4	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 12000	56.4	62.1	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 10000	57.2	63.2	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 9000	58.8	64.7	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 8000	59.8	66.1	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 7000	61.2	68.4	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 6000	62.5	70.2	70.5	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 5000	63.4	71.5	71.8	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 4500	64.9	73.7	74.1	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 4000	65.9	75.1	75.5	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 3500	67.0	76.9	77.3	77.6	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 3000	68.0	78.5	78.9	79.3	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 2500	69.3	80.8	81.2	81.7	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 2000	70.7	83.1	83.6	84.2	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 1800	72.2	85.5	86.0	86.6	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 1500	73.1	87.1	87.6	88.2	88.6	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1200	73.7	88.8	89.6	90.1	90.7	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1000	74.3	90.8	92.0	92.8	93.6	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 900	74.6	91.4	92.7	93.7	94.6	94.8	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 800	75.0	91.8	93.2	94.2	95.2	95.4	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 700	75.1	92.2	93.6	94.7	95.7	96.0	96.5	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
IV 600	75.1	92.2	93.8	94.8	96.0	96.4	96.9	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
IV 500	75.2	92.3	94.1	95.4	96.8	97.3	98.0	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 400	75.2	92.6	94.2	95.7	97.0	97.5	98.5	98.9	98.9	99.1	99.4	99.6	99.6	99.6	99.6	99.6
IV 300	75.2	92.6	94.2	95.6	97.0	97.6	98.7	99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	75.2	92.6	94.2	95.6	97.0	97.6	98.7	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	75.2	92.6	94.2	95.6	97.0	97.6	98.7	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	75.2	92.6	94.2	95.6	97.0	97.6	98.7	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1857

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1987 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 53-70

YEARS

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2180 12300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	48.9	54.5	55.1	55.6	55.8	55.8	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0
18000 16000	53.2	59.2	59.8	60.4	60.5	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8
14000 12000	53.6	59.7	60.2	60.8	60.9	61.0	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.3
10000 9000	54.2	60.4	61.0	61.5	61.8	61.8	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0
8000 7000	54.5	60.8	61.4	61.9	62.1	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4
6000 5000	57.1	63.5	64.2	64.7	64.9	65.0	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2
4500 4000	57.8	64.8	65.5	66.0	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5
3500 3000	59.0	66.3	66.9	67.6	67.9	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1
2500 2000	59.8	67.5	68.2	68.9	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5
1800 1500	61.6	70.4	71.1	71.9	72.2	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4
1200 1000	62.6	71.7	72.5	73.3	73.6	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
900 800	63.7	73.8	74.6	75.4	75.7	75.7	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9
700 600	64.4	75.1	76.0	76.9	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
500 400	65.7	77.8	77.8	78.7	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
300 200	67.3	79.1	80.0	80.9	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5
100 0	69.2	82.0	82.0	84.0	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8
	70.2	83.6	84.7	85.9	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
	71.0	85.2	86.0	87.8	88.3	88.4	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8
	72.2	87.6	89.1	90.5	91.0	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6
	72.1	89.4	90.8	92.3	93.0	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
	73.4	89.9	91.4	93.3	94.1	94.3	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
	72.5	90.3	91.9	93.7	94.6	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
	73.6	90.7	92.3	94.2	95.2	95.4	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
	72.6	91.0	92.7	94.6	95.6	95.8	96.6	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
	73.6	91.1	93.0	95.1	96.3	96.6	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
	72.6	91.2	93.1	95.4	96.7	96.9	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
	73.6	91.2	93.1	95.5	96.8	97.1	98.5	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	72.6	91.2	93.1	95.5	96.8	97.1	98.5	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
	73.6	91.2	93.1	95.5	96.8	97.1	98.5	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
	72.6	91.2	93.1	95.5	96.8	97.1	98.5	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
	73.6	91.2	93.1	95.5	96.8	97.1	98.5	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
	72.6	91.2	93.1	95.5	96.8	97.1	98.5	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 1844

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR GATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1964 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 52-76

APR  
MORIN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.5	50.3	51.4	51.8	52.4	52.5	52.8	52.9	52.9	53.0	53.0	53.0	53.1	53.1	53.3	53.3
≥ 20000	43.7	54.4	55.7	56.1	56.8	56.9	57.2	57.3	57.3	57.4	57.4	57.4	57.5	57.5	57.6	57.6
IVV 18000	43.7	54.4	55.7	56.1	56.8	56.9	57.2	57.3	57.3	57.4	57.4	57.4	57.5	57.5	57.6	57.6
IVV 16000	43.8	54.4	55.7	56.2	56.9	56.9	57.2	57.3	57.3	57.5	57.5	57.5	57.5	57.6	57.7	57.7
IVV 14000	44.3	55.0	56.3	56.7	57.4	57.5	57.8	57.9	57.9	58.0	58.0	58.0	58.1	58.1	58.2	58.2
IVV 12000	45.0	55.9	57.2	57.6	58.3	58.4	58.7	58.8	58.8	58.9	58.9	58.9	59.0	59.0	59.2	59.2
IVV 10000	45.6	56.8	58.1	58.6	59.3	59.4	59.7	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.1	60.1
IVV 9000	46.3	57.6	58.9	59.4	60.1	60.2	60.5	60.6	60.6	60.8	60.8	60.8	60.8	60.8	61.0	61.0
IVV 8000	47.6	59.4	60.7	61.2	62.0	62.0	62.4	62.4	62.4	62.6	62.6	62.6	62.7	62.7	62.8	62.8
IVV 7000	48.9	61.2	62.6	63.1	63.8	63.9	64.2	64.2	64.2	64.5	64.5	64.5	64.5	64.6	64.7	64.7
IVV 6000	49.5	61.9	63.3	63.8	64.6	64.6	65.0	65.0	65.0	65.2	65.2	65.2	65.3	65.3	65.4	65.4
IVV 5000	50.4	63.4	64.9	65.4	66.3	66.3	66.6	66.7	66.7	66.9	66.9	66.9	67.0	67.0	67.1	67.1
IVV 4500	50.8	64.1	65.6	66.1	67.0	67.0	67.3	67.4	67.4	67.6	67.6	67.6	67.7	67.7	67.8	67.8
IVV 4000	51.2	64.7	66.2	66.7	67.6	67.6	68.0	68.0	68.0	68.3	68.3	68.3	68.3	68.4	68.5	68.5
IVV 3500	51.8	65.8	67.4	67.9	68.9	68.9	69.2	69.3	69.3	69.5	69.5	69.5	69.6	69.6	69.7	69.7
IVV 3000	52.4	67.1	68.9	69.3	70.3	70.3	70.6	70.7	70.7	70.9	70.9	70.9	71.0	71.0	71.1	71.1
IVV 2500	53.4	68.7	70.6	71.1	72.1	72.2	72.5	72.5	72.5	72.8	72.8	72.8	72.8	72.9	73.0	73.0
IVV 2000	55.8	72.9	74.9	75.8	76.4	76.5	76.9	76.9	77.0	77.2	77.2	77.2	77.2	77.3	77.4	77.4
IVV 1800	56.1	74.3	76.4	76.9	77.9	78.0	78.3	78.4	78.4	78.7	78.7	78.7	78.7	78.8	78.9	78.9
IVV 1500	57.4	77.2	79.3	80.0	81.0	81.0	81.4	81.5	81.5	81.7	81.7	81.7	81.8	81.9	82.0	82.0
IVV 1200	59.5	82.1	84.5	85.3	86.5	86.5	86.9	86.9	87.0	87.2	87.2	87.2	87.3	87.3	87.4	87.4
IVV 1000	60.8	84.9	87.4	88.2	89.6	89.7	90.1	90.1	90.2	90.4	90.4	90.4	90.5	90.5	90.6	90.6
IVV 900	61.5	86.4	89.2	90.1	91.8	91.8	92.4	92.5	92.5	92.7	92.7	92.7	92.8	92.8	93.0	93.0
IVV 800	61.9	87.2	90.2	91.1	92.8	92.9	93.5	93.7	93.7	93.9	93.9	93.9	94.0	94.0	94.1	94.1
IVV 700	62.2	88.0	91.2	92.1	93.9	94.0	94.7	94.8	94.8	94.9	95.1	95.1	95.2	95.2	95.3	95.3
IVV 600	62.2	88.5	91.9	92.8	94.7	94.9	95.7	95.8	95.9	96.2	96.2	96.2	96.2	96.3	96.4	96.4
IVV 500	62.3	88.8	92.4	93.5	95.6	95.7	96.6	96.7	96.9	97.2	97.2	97.2	97.2	97.3	97.4	97.4
IVV 400	62.4	88.9	92.7	93.9	96.0	96.2	97.3	97.5	97.6	98.0	98.0	98.0	98.1	98.2	98.2	98.2
IVV 300	62.4	89.3	92.9	94.1	96.3	96.4	97.7	97.9	98.0	98.4	98.4	98.4	98.6	98.6	98.8	98.8
IVV 200	62.4	89.2	93.0	94.2	96.4	96.5	97.9	98.3	98.5	98.9	99.0	99.0	99.2	99.2	99.3	99.4
IVV 100	62.4	89.2	93.0	94.2	96.4	96.5	97.9	98.3	98.5	98.9	99.0	99.2	99.2	99.3	99.5	99.5
IVV 0	62.4	89.2	93.0	94.2	96.4	96.5	97.9	98.3	98.5	99.0	99.2	99.2	99.3	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1844

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1984 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-52-70

YEARS

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	26.8	36.0	38.2	39.7	40.5	40.7	41.4	41.9	41.9	42.3	42.5	42.5	42.9	42.9	43.0	43.2
IVV 18000 16000	29.2	39.4	42.1	43.7	44.7	44.9	45.7	46.2	46.2	46.6	46.9	46.9	47.2	47.2	47.3	47.6
IVV 14000 12000	29.3	39.5	42.2	43.8	44.8	45.0	45.7	46.3	46.3	46.7	46.9	46.9	47.2	47.2	47.4	47.6
IVV 10000 9000	29.8	40.0	42.6	44.3	45.3	45.5	46.3	46.8	46.8	47.2	47.5	47.5	47.8	47.8	47.9	48.2
IVV 8000 7000	30.2	40.6	43.3	45.0	45.9	46.2	46.9	47.5	47.5	47.9	48.1	48.1	48.4	48.4	48.6	48.8
IVV 6000 5000	31.0	42.0	44.6	46.4	47.5	47.7	48.5	49.1	49.1	49.5	49.7	49.7	50.1	50.1	50.2	50.4
IVV 4500 4000	31.2	42.2	44.8	46.6	47.7	47.9	48.6	49.2	49.2	49.7	49.9	49.9	50.2	50.2	50.4	50.6
IVV 3500 3000	32.0	43.0	45.6	47.4	48.4	49.6	49.8	50.6	51.2	51.2	51.6	51.8	51.8	52.2	52.2	52.5
IVV 2500 2000	32.9	43.1	45.7	47.5	48.5	49.7	51.0	51.2	52.0	52.6	52.6	53.2	53.2	53.6	53.6	54.0
IVV 1800 1500	33.6	46.0	49.1	51.0	52.2	52.4	53.2	53.8	53.8	54.2	54.4	54.4	54.8	54.8	54.9	55.1
IVV 1200 1000	34.1	46.8	49.9	51.8	53.1	53.3	54.1	54.8	54.8	55.2	55.4	55.4	55.7	55.7	55.7	56.1
IVV 900 800	34.5	47.6	50.8	53.0	54.3	54.5	55.4	56.0	56.0	56.4	56.7	56.7	57.0	57.0	57.1	57.4
IVV 700 600	35.1	48.3	51.7	54.0	55.2	55.5	56.3	56.9	56.9	57.4	57.6	57.6	57.9	57.9	58.1	58.3
IVV 500 400	35.6	49.8	53.2	55.5	56.9	57.1	58.0	58.5	58.5	59.0	59.2	59.2	59.5	59.5	59.7	59.9
IVV 300 200	36.4	51.1	54.7	57.0	58.5	58.7	59.7	60.3	60.3	60.7	60.9	60.9	61.3	61.3	61.4	61.6
IVV 100 0	37.3	53.4	57.1	59.6	61.1	61.4	62.3	62.9	62.9	63.4	63.6	63.6	63.9	63.9	64.1	64.2
IVV 0	37.3	53.4	57.1	59.6	61.1	61.4	62.3	62.9	62.9	63.4	63.6	63.6	63.9	63.9	64.1	64.2
IVV 0	39.7	58.9	62.9	65.4	67.0	67.3	68.2	68.8	68.8	69.3	69.5	69.5	69.8	69.8	70.0	70.2
IVV 0	41.9	62.7	67.6	70.2	71.9	72.2	73.2	73.8	73.8	74.2	74.4	74.4	74.7	74.7	74.9	75.1
IVV 0	44.2	68.8	73.4	76.2	78.1	78.4	79.3	80.0	80.0	80.4	80.6	80.6	81.0	81.0	81.1	81.3
IVV 0	45.3	71.8	76.7	79.7	81.5	81.8	82.7	83.4	83.4	83.9	84.1	84.1	84.5	84.5	84.6	84.8
IVV 0	45.7	72.9	78.0	81.0	82.9	83.2	84.2	85.0	85.0	85.4	85.7	85.7	86.0	86.0	86.2	86.4
IVV 0	45.9	74.1	79.2	82.2	84.1	84.4	85.4	86.2	86.2	86.7	87.0	87.0	87.4	87.4	87.6	87.8
IVV 0	46.2	74.9	80.6	84.1	86.4	86.7	87.7	88.5	88.5	89.0	89.3	89.3	90.0	90.0	90.4	90.6
IVV 0	46.3	75.8	81.6	85.2	87.6	88.0	89.0	90.0	90.0	90.4	90.7	90.7	91.5	91.5	92.0	92.4
IVV 0	46.5	76.6	82.5	86.2	89.0	89.4	91.1	92.0	92.0	92.4	92.7	92.7	93.7	93.7	93.9	94.1
IVV 0	46.6	76.9	82.8	86.9	89.9	90.4	92.0	93.2	93.2	94.2	94.4	94.4	94.9	94.9	95.1	95.2
IVV 0	46.6	77.1	83.3	87.3	90.3	90.8	92.6	94.2	94.3	95.2	95.6	95.6	96.1	96.1	96.3	96.5
IVV 0	46.6	77.1	83.4	87.4	90.6	91.1	93.1	95.0	95.1	96.1	96.8	96.8	97.4	97.4	97.6	98.1
IVV 0	46.6	77.1	83.4	87.4	90.7	91.2	93.1	95.0	95.3	96.6	97.2	97.2	98.1	98.1	98.5	99.1
IVV 0	46.6	77.1	83.4	87.4	90.7	91.2	93.1	95.0	95.3	96.7	97.3	97.3	98.2	98.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1843

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1954 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-32-70

YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING N 20000	21.8	29.4	30.9	31.7	32.3	32.5	32.0	33.4	33.4	34.0	34.1	34.1	34.4	34.5	34.6	34.9
IVV 18000 16000	24.3	33.8	33.9	37.2	37.9	38.2	38.4	39.2	39.2	39.9	40.0	40.0	40.4	40.5	40.6	41.0
IVV 14000 12000	24.8	34.3	36.4	37.7	38.4	38.7	39.3	39.7	39.8	40.4	40.5	40.5	40.9	41.0	41.1	41.5
IVV 10000 9000	25.2	34.9	37.0	38.4	39.2	39.4	40.0	40.5	40.5	41.2	41.3	41.3	41.7	41.7	41.9	42.2
IVV 8000 7000	25.6	35.3	37.9	39.3	40.2	40.4	41.0	41.5	41.5	42.2	42.3	42.3	42.6	42.7	42.9	43.2
IVV 6000 5000	26.1	37.2	39.3	40.8	41.7	41.9	42.6	43.1	43.2	43.8	43.9	43.9	44.3	44.4	44.5	44.9
IVV 4500 4000	26.8	38.4	40.8	42.4	43.4	43.7	44.4	44.9	44.9	45.6	45.7	45.7	46.0	46.1	46.3	46.6
IVV 3500 3000	27.3	39.7	42.1	43.7	44.8	45.0	45.7	46.2	46.3	46.9	47.0	47.0	47.4	47.5	47.6	47.8
IVV 2500 2000	27.5	40.2	42.9	44.5	45.6	45.8	46.5	47.0	47.1	47.7	47.8	47.8	48.2	48.3	48.4	48.8
IVV 1800 1500	28.1	41.1	44.0	45.6	46.7	47.0	47.7	48.2	48.2	48.9	49.0	49.0	49.4	49.4	49.6	49.9
IVV 1200 1000	28.4	41.4	44.4	46.0	47.1	47.4	48.1	48.6	48.6	49.3	49.4	49.4	49.8	49.8	50.0	50.3
IVV 800 700	28.9	42.6	45.6	47.4	48.5	48.8	49.5	50.0	50.1	50.7	50.8	50.8	51.2	51.2	51.4	51.7
IVV 600 500	29.3	43.4	46.4	48.2	49.4	49.6	50.3	50.8	50.9	51.5	51.6	51.6	52.0	52.1	52.2	52.5
IVV 400 300	29.7	44.6	47.7	49.6	50.8	51.1	51.9	52.5	52.5	53.2	53.2	53.2	53.7	53.7	53.9	54.2
IVV 200 100	30.9	46.4	49.5	51.6	53.0	53.4	54.2	54.8	54.9	55.5	55.6	55.6	56.0	56.1	56.2	56.5
IVV 0	32.8	49.8	53.1	55.2	56.7	57.0	58.1	58.7	58.8	59.5	59.6	59.6	60.0	60.0	60.2	60.5
IVV 0	33.1	50.9	54.2	56.4	57.8	58.2	59.4	60.1	60.2	60.8	60.9	60.9	61.3	61.4	61.5	61.9
IVV 0	34.8	54.5	58.2	60.7	62.2	62.6	63.7	64.5	64.6	65.4	65.5	65.5	65.9	66.0	66.1	66.5
IVV 0	37.2	59.8	63.9	65.6	68.3	68.7	70.0	70.7	70.8	71.6	71.8	71.8	72.1	72.2	72.3	72.7
IVV 0	38.0	62.3	67.0	69.9	71.6	72.2	73.7	74.6	74.7	75.5	75.6	75.6	76.0	76.1	76.2	76.6
IVV 0	38.4	63.9	68.9	71.9	74.1	74.7	76.3	77.2	77.4	78.2	78.4	78.4	78.8	78.8	79.0	79.3
IVV 0	38.1	65.3	70.8	74.2	76.6	77.3	78.9	80.1	80.4	81.3	81.5	81.5	81.9	82.0	82.2	82.5
IVV 0	39.7	66.6	72.4	75.0	78.7	79.4	81.4	82.4	82.6	83.7	84.0	84.0	84.4	84.4	84.6	85.0
IVV 0	39.8	67.4	73.7	77.5	80.5	81.2	83.4	84.5	84.7	85.9	86.2	86.2	86.7	86.7	87.0	87.3
IVV 0	39.9	68.4	74.9	79.2	82.6	83.5	86.0	87.3	87.7	89.2	89.7	89.7	90.3	90.4	90.6	91.0
IVV 0	40.0	68.8	75.8	80.1	83.9	84.8	87.8	89.2	89.7	91.9	92.4	92.5	93.2	93.2	93.6	93.9
IVV 0	40.0	68.8	75.8	80.4	84.4	85.4	88.6	90.1	90.6	93.3	94.2	94.3	95.0	95.1	95.6	96.0
IVV 0	40.0	68.8	75.8	80.4	84.4	85.4	88.7	90.3	90.8	93.6	94.9	94.9	95.8	95.9	96.7	97.7
IVV 0	40.0	68.8	75.8	80.4	84.4	85.4	88.7	90.3	90.9	93.8	95.2	95.2	96.4	96.5	97.6	99.0
IVV 0	40.0	68.8	75.8	80.4	84.4	85.4	88.7	90.3	90.9	93.8	95.2	95.2	96.4	96.5	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1848

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13826 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-52-70

YEARS

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0700-1200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/8	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	31.8	37.0	37.6	37.7	37.7	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9
IV 18000 16000	38.7	45.0	45.6	45.8	45.8	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0
IV 14000 12000	38.9	45.1	45.8	46.0	46.0	46.0	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2
IV 10000 9000	40.5	47.1	47.8	48.0	48.0	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2
IV 8000 7000	41.8	49.3	50.1	50.3	50.3	50.3	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 6000 5000	42.2	49.7	50.3	50.8	50.8	50.8	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0
IV 4500 4000	43.1	51.1	52.1	52.3	52.4	52.4	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 3500 3000	44.0	52.4	53.3	53.8	53.8	53.8	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 2500 2000	44.3	53.1	54.3	54.5	54.6	54.7	54.7	54.7	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9
IV 1800 1500	44.9	54.1	55.3	55.8	55.8	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 1200 1000	45.2	54.4	55.5	56.2	56.2	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 900 800	45.9	55.2	56.8	57.1	57.2	57.3	57.3	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 700 600	46.5	56.2	57.8	58.1	58.2	58.3	58.3	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5
IV 500 400	48.1	58.7	60.3	60.6	60.7	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IV 300 200	50.8	62.5	64.3	64.7	64.9	64.9	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 100 0	53.6	69.3	71.3	71.8	72.2	72.2	72.6	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9
	56.7	71.3	73.5	74.0	74.4	74.5	74.9	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2
	60.7	77.1	79.6	80.4	80.8	80.8	81.3	81.3	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7
	62.9	82.3	85.2	86.0	86.8	86.9	87.5	87.5	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9
	63.7	84.4	87.7	88.7	89.6	89.8	90.6	90.8	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2
	64.1	85.4	89.0	90.0	91.1	91.3	92.0	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
	64.2	86.2	89.9	91.2	92.4	92.6	93.3	93.8	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3
	64.6	86.7	90.6	92.1	93.3	93.6	94.5	95.0	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6
	64.6	87.2	91.2	93.0	94.4	94.7	95.8	96.3	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0
	64.6	87.7	91.8	93.7	95.3	95.8	97.1	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4
	64.6	87.8	92.0	94.0	95.9	96.3	97.7	98.4	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	64.6	87.8	92.0	94.1	95.9	96.4	97.8	98.5	98.6	99.4	99.6	99.6	99.6	99.6	99.6	99.6
	64.6	87.8	92.0	94.1	96.0	96.4	97.8	98.5	98.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8
	64.6	87.8	92.0	94.1	96.0	96.4	97.8	98.5	98.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8
	64.6	87.8	92.0	94.1	96.0	96.4	97.8	98.5	98.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1848

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13924 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-52-70 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.9	39.9	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
IV 20000	48.2	51.2	51.5	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 18000	48.4	51.5	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 16000	48.7	51.8	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IV 14000	49.4	52.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 12000	50.7	54.2	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 10000	52.0	55.9	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 9000	52.9	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 8000	54.1	58.3	58.7	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 7000	55.1	59.8	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 6000	56.0	61.1	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 5000	57.0	62.7	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 4500	57.6	63.7	64.2	64.3	64.3	64.3	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 4000	59.9	66.2	66.7	66.8	66.9	67.0	67.1	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3
IV 3500	63.1	69.9	70.5	70.6	70.7	70.9	71.0	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2
IV 3000	68.4	76.7	77.4	77.5	77.7	77.8	77.8	77.9	77.9	77.9	78.2	78.2	78.2	78.2	78.2	78.2
IV 2500	73.0	83.2	84.0	84.1	84.3	84.5	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8
IV 2000	75.8	87.3	88.2	88.4	88.6	88.8	89.0	89.0	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.3
IV 1800	76.2	88.4	89.3	89.6	89.8	90.0	90.2	90.2	90.2	90.2	90.6	90.6	90.6	90.6	90.6	90.6
IV 1500	77.5	90.6	91.6	91.9	92.2	92.4	92.6	92.6	92.6	92.6	93.1	93.1	93.1	93.1	93.1	93.1
IV 1200	78.3	92.7	94.0	94.5	94.8	95.0	95.3	95.3	95.3	95.3	95.8	95.8	95.8	95.8	95.8	95.8
IV 1000	78.5	93.4	95.0	95.5	96.0	96.3	96.5	96.6	96.6	96.6	97.1	97.1	97.1	97.1	97.1	97.1
IV 900	78.5	93.6	95.4	96.0	96.5	96.8	97.1	97.1	97.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6
IV 800	78.6	93.8	95.7	96.5	97.1	97.3	97.7	97.7	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4
IV 700	78.6	93.9	95.9	96.9	97.5	97.8	98.2	98.4	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	78.7	94.3	96.3	97.2	97.9	98.2	98.5	98.8	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	78.7	94.4	96.4	97.3	98.0	98.3	98.7	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	78.7	94.4	96.4	97.3	98.0	98.3	98.7	99.1	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	78.7	94.4	96.4	97.3	98.0	98.3	98.7	99.1	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	78.7	94.4	96.4	97.3	98.0	98.3	98.7	99.1	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	78.7	94.4	96.4	97.3	98.0	98.3	98.7	99.1	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	78.7	94.4	96.4	97.3	98.0	98.3	98.7	99.1	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1848

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1954 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-49, 52-70 YEARS APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1954-1959

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	45.4	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV 18000	56.4	59.0	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 16000	56.5	59.7	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 14000	56.9	60.1	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 12000	58.1	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 10000	60.1	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 9000	62.6	66.3	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 8000	62.9	66.7	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 7000	63.9	68.2	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 6000	65.6	70.0	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 5000	66.7	71.3	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 4500	68.1	73.3	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 4000	68.9	74.4	74.8	74.9	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 3500	71.6	77.8	78.2	78.3	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 3000	74.1	80.8	81.4	81.5	81.5	81.6	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 2500	77.4	85.5	86.1	86.2	86.4	86.5	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 2000	78.6	88.0	88.7	89.0	89.1	89.1	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1800	80.0	90.8	91.7	91.9	92.0	92.1	92.2	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1500	80.3	91.2	92.2	92.5	92.6	92.7	92.9	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1200	80.8	92.5	93.7	94.0	94.2	94.3	94.5	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1000	81.2	93.7	95.0	95.6	95.9	95.9	96.3	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 900	81.3	94.2	95.6	96.2	96.5	96.6	97.1	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 800	81.3	94.5	95.8	96.5	96.9	97.0	97.5	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 700	81.3	94.6	95.9	96.6	97.0	97.1	97.6	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 600	81.4	94.8	96.2	97.0	97.4	97.5	98.1	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 500	81.4	94.8	96.4	97.2	97.8	97.9	98.5	98.6	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	81.4	94.8	96.4	97.3	97.9	98.0	98.6	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	81.4	94.8	96.4	97.3	97.9	98.0	98.6	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	81.4	94.8	96.4	97.3	97.9	98.0	98.6	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	81.4	94.8	96.4	97.3	97.9	98.0	98.6	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	81.4	94.8	96.4	97.3	97.9	98.0	98.6	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1848

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

1974 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-49,52-70 YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	50.1	53.7	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
18000 IVV	60.3	65.5	66.2	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
16000 IVV	60.6	63.8	66.5	66.6	66.6	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
14000 IVV	60.9	66.2	66.9	67.0	67.0	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
12000 IVV	61.7	67.2	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
10000 IVV	63.2	68.9	69.6	69.7	69.7	69.7	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
9000 IVV	65.0	71.3	72.0	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
8000 IVV	65.6	71.3	72.7	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
7000 IVV	66.8	73.2	74.0	74.1	74.2	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
6000 IVV	68.2	74.8	75.6	75.8	75.8	75.8	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
5000 IVV	69.3	76.0	76.9	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
4500 IVV	71.0	78.2	78.3	78.4	78.5	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
4000 IVV	72.6	80.0	81.1	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
3500 IVV	73.6	81.8	82.8	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
3000 IVV	74.7	83.4	84.5	84.6	84.8	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
2500 IVV	75.6	85.2	86.5	86.6	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
2000 IVV	77.9	88.0	89.3	89.4	89.9	89.9	89.9	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
1800 IVV	77.9	89.3	91.9	92.0	92.6	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
1500 IVV	78.1	90.9	92.7	92.9	93.5	93.5	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
1200 IVV	78.5	91.7	92.8	92.9	94.6	94.6	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
1000 IVV	79.0	92.4	94.5	94.9	95.6	95.6	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
900 IVV	79.1	92.7	94.9	95.3	96.2	96.2	96.4	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
800 IVV	79.2	93.0	95.1	95.7	96.4	96.4	96.6	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
700 IVV	79.3	93.2	95.3	95.9	96.6	96.6	97.0	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
600 IVV	79.2	93.5	95.7	96.4	97.2	97.2	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
500 IVV	79.2	93.6	95.9	96.8	97.7	97.7	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
400 IVV	79.3	93.7	96.0	97.0	98.1	98.2	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
300 IVV	79.3	93.8	96.1	97.1	98.2	98.3	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
200 IVV	79.3	93.8	96.1	97.1	98.2	98.3	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100 IVV	79.3	93.8	96.1	97.1	98.2	98.3	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0 IVV	79.3	93.8	96.1	97.1	98.2	98.3	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 1848

6  
2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13834 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70 YEARS AIR NORTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.4	58.8	59.8	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4
IV 20000	58.1	63.5	66.5	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.2	67.2	67.2	67.2
IV 18000	58.1	63.5	66.5	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.2	67.2	67.2	67.2
IV 16000	58.6	66.1	67.0	67.2	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7
IV 14000	59.4	67.1	68.1	68.2	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 12000	60.2	68.2	69.2	69.3	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8
IV 10000	62.3	70.7	71.8	71.9	72.1	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5
IV 8000	63.1	72.0	73.0	73.1	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.8
IV 7000	63.6	72.7	73.7	73.8	74.2	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6
IV 6000	65.2	75.0	76.0	76.1	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9
IV 4500	66.0	75.9	76.9	77.0	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9
IV 4000	66.6	76.9	78.1	78.2	78.8	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2
IV 3500	67.2	78.2	79.4	79.5	80.1	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5
IV 3000	68.0	79.7	80.8	81.0	81.6	81.7	81.8	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0
IV 2500	69.4	81.7	82.9	83.1	83.8	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2
IV 2000	71.0	85.6	87.0	87.2	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4
IV 1800	71.6	86.7	88.1	88.4	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6
IV 1500	73.1	89.3	90.8	91.2	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
IV 1200	73.7	90.9	92.4	93.1	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
IV 1000	74.2	91.9	93.7	94.4	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8
IV 900	74.4	92.3	94.0	95.0	96.0	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
IV 800	74.6	92.7	94.6	95.6	96.6	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
IV 700	74.6	92.9	94.8	95.8	96.9	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5
IV 600	74.7	93.0	95.1	96.2	97.4	97.5	97.6	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0
IV 500	74.7	93.3	95.5	96.6	97.9	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
IV 400	74.8	93.7	95.9	97.0	98.3	98.5	99.0	99.2	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5
IV 300	74.8	93.7	95.9	97.0	98.4	98.5	99.1	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 200	74.8	93.7	95.9	97.0	98.4	98.6	99.1	99.3	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8
IV 100	74.8	93.7	95.9	97.0	98.4	98.6	99.1	99.3	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8
IV 0	74.8	93.7	95.9	97.0	98.4	98.6	99.1	99.3	99.3	99.7	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1848

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

~~13884~~ ENGLAND 3 LOUISIANA/ALEXANDRIA 44-45, 52-76 YEARS MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

~~0000-0000~~

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	49.5	62.7	63.9	64.6	65.0	65.0	65.2	65.2	65.2	65.3	65.4	65.4	65.5	65.5	65.5	65.5
IVV 18000 16000	54.1	68.5	69.6	70.4	70.9	70.9	71.1	71.1	71.1	71.2	71.4	71.4	71.5	71.5	71.5	71.5
IVV 14000 12000	54.2	68.6	69.7	70.5	71.0	71.0	71.2	71.2	71.2	71.3	71.5	71.5	71.6	71.6	71.6	71.6
IVV 10000 9000	54.5	69.2	70.4	71.1	71.6	71.6	71.8	71.8	71.8	71.9	72.1	72.1	72.2	72.2	72.2	72.2
IVV 8000 7000	54.8	70.2	71.5	72.4	72.9	72.9	73.1	73.1	73.1	73.2	73.4	73.4	73.5	73.5	73.5	73.5
IVV 6000 5000	55.9	71.9	73.2	74.1	74.6	74.6	74.8	74.8	74.8	74.9	75.1	75.1	75.2	75.2	75.2	75.2
IVV 4500 4000	56.1	72.8	73.4	74.2	74.7	74.7	75.0	75.0	75.0	75.1	75.2	75.2	75.3	75.3	75.3	75.3
IVV 3500 3000	57.0	73.4	74.7	75.6	76.0	76.0	76.3	76.3	76.3	76.4	76.5	76.5	76.7	76.7	76.7	76.7
IVV 2500 2000	57.5	74.4	75.8	76.7	77.2	77.2	77.5	77.5	77.5	77.6	77.7	77.7	77.8	77.8	77.8	77.8
IVV 1800 1500	57.7	74.7	76.0	77.0	77.5	77.5	77.7	77.7	77.7	77.8	78.0	78.0	78.1	78.1	78.1	78.1
IVV 1200 1000	58.3	75.6	77.0	77.9	78.4	78.4	78.6	78.6	78.6	78.8	78.9	78.9	79.0	79.0	79.0	79.0
IVV 900 800	58.6	75.9	77.4	78.3	78.8	78.8	79.1	79.1	79.1	79.2	79.3	79.3	79.4	79.4	79.4	79.4
IVV 700 600	59.3	77.2	78.6	79.7	80.2	80.2	80.4	80.4	80.4	80.5	80.7	80.7	80.8	80.8	80.8	80.8
IVV 500 400	59.6	77.8	79.3	80.4	81.0	81.0	81.2	81.2	81.2	81.3	81.5	81.5	81.6	81.6	81.6	81.6
IVV 300 200	60.1	79.2	80.7	81.9	82.4	82.4	82.6	82.6	82.6	82.7	82.9	82.9	83.0	83.0	83.0	83.0
IVV 100 0	61.2	80.6	82.4	83.6	84.1	84.1	84.4	84.4	84.4	84.5	84.6	84.6	84.7	84.7	84.7	84.7
	62.6	82.7	84.6	85.9	86.4	86.4	86.8	86.8	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.1
	62.9	83.7	85.7	86.9	87.5	87.5	87.9	87.9	87.9	88.0	88.1	88.1	88.2	88.2	88.2	88.2
	64.0	85.6	87.7	88.9	89.6	89.6	90.1	90.1	90.1	90.2	90.3	90.3	90.4	90.4	90.4	90.4
	64.9	87.3	89.8	91.1	91.9	91.9	92.4	92.4	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.8
	65.2	88.2	90.7	92.1	92.9	92.9	93.4	93.4	93.4	93.5	93.7	93.7	93.8	93.8	93.8	93.8
	65.3	88.9	91.5	92.8	93.7	93.7	94.2	94.2	94.2	94.3	94.5	94.5	94.6	94.6	94.6	94.6
	65.4	89.4	92.1	93.5	94.4	94.4	94.9	94.9	94.9	95.0	95.2	95.2	95.3	95.3	95.3	95.3
	65.4	89.9	92.9	94.4	95.4	95.4	96.0	96.0	96.0	96.1	96.3	96.3	96.4	96.4	96.4	96.4
	65.5	90.4	93.5	95.3	96.4	96.4	97.2	97.2	97.2	97.3	97.5	97.5	97.6	97.6	97.6	97.6
	65.5	90.6	93.9	95.7	96.9	96.9	98.0	98.0	98.0	98.1	98.3	98.3	98.4	98.4	98.4	98.5
	65.5	90.8	94.1	96.1	97.3	97.3	98.4	98.4	98.4	98.5	98.7	98.8	98.9	98.9	98.9	99.1
	65.5	90.8	94.2	96.2	97.4	97.4	98.5	98.5	98.5	98.6	98.8	98.8	98.9	98.9	98.9	99.4
	65.5	90.8	94.2	96.2	97.5	97.5	98.6	98.6	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.8
	65.5	90.8	94.2	96.2	97.5	97.5	98.6	98.6	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.9
	65.5	90.8	94.2	96.2	97.5	97.5	98.6	98.6	98.6	98.7	98.9	98.9	99.0	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1982

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

~~1387A~~ ENGLAND AFB LOUISIANA/ALEXANDRIA ~~44-45-52-70~~ YEARS ~~MAY~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

~~0388-0900~~

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	29.0	45.2	49.5	51.4	53.8	53.9	55.2	55.7	55.7	56.6	56.9	56.9	57.3	57.4	57.5	57.6
IV 18000 16000	31.2	46.6	53.2	55.2	57.9	58.1	59.5	60.0	60.0	61.1	61.4	61.4	61.9	62.0	62.2	62.3
IV 14000 12000	31.3	48.7	53.3	55.3	58.0	58.2	59.6	60.1	60.1	61.2	61.5	61.5	62.0	62.1	62.3	62.4
IV 10000 9000	31.4	48.0	53.3	55.4	58.1	58.3	59.6	60.1	60.2	61.3	61.6	61.6	62.1	62.1	62.3	62.4
IV 8000 7000	31.5	49.3	53.9	56.0	58.8	59.0	60.3	60.8	60.9	61.9	62.3	62.3	62.8	62.9	63.1	63.1
IV 6000 5000	31.6	49.9	54.7	56.9	59.6	59.8	61.2	61.8	61.9	63.0	63.3	63.3	63.8	63.9	64.1	64.1
IV 4500 4000	33.0	51.9	56.8	59.1	61.9	62.1	63.5	64.1	64.1	65.2	65.6	65.6	66.1	66.1	66.3	66.4
IV 3500 3000	33.4	52.4	57.2	59.5	62.3	62.5	63.9	64.5	64.5	65.6	66.0	66.0	66.5	66.5	66.8	66.9
IV 2500 2000	34.0	53.2	58.1	60.3	63.2	63.4	64.8	65.4	65.5	66.5	66.9	66.9	67.4	67.4	67.7	67.8
IV 1800 1500	34.2	54.1	59.1	61.4	64.4	64.7	66.0	66.6	66.7	67.8	68.2	68.2	68.7	68.7	68.8	69.1
IV 1200 1000	34.4	54.5	59.4	61.7	64.8	65.0	66.4	67.1	67.1	68.2	68.6	68.6	69.1	69.1	69.2	69.5
IV 900 800	35.1	55.5	60.3	62.7	65.7	66.1	67.5	68.2	68.3	69.4	69.8	69.8	70.3	70.3	70.5	70.6
IV 700 600	35.6	56.1	61.2	63.6	66.6	66.8	68.2	69.0	69.1	70.2	70.5	70.5	71.1	71.1	71.3	71.4
IV 500 400	36.2	57.0	62.0	64.4	67.3	67.7	69.1	69.9	69.9	71.1	71.4	71.4	71.9	72.0	72.2	72.3
IV 300 200	36.8	57.9	63.1	65.5	68.3	68.8	70.2	71.0	71.0	72.1	72.5	72.5	73.0	73.1	73.3	73.4
IV 100 0	37.8	59.0	64.3	66.7	69.8	70.0	71.4	72.2	72.2	73.4	73.7	73.7	74.2	74.3	74.8	74.6
	38.3	60.7	66.1	68.5	71.6	71.8	73.3	74.0	74.1	75.2	75.6	75.6	76.1	76.1	76.3	76.4
	39.3	62.9	68.4	71.0	74.2	74.4	75.8	76.6	76.7	77.8	78.2	78.2	78.7	78.8	79.0	79.1
	39.9	63.8	69.6	72.2	75.4	75.6	77.0	77.9	78.0	79.1	79.5	79.5	80.0	80.1	80.3	80.4
	40.5	66.0	72.0	74.7	78.0	78.3	79.6	80.5	80.6	81.8	82.1	82.1	82.7	82.7	82.9	83.0
	41.7	69.0	75.2	78.2	81.6	81.8	83.2	84.1	84.2	85.3	85.7	85.7	86.3	86.3	86.5	86.6
	42.2	70.4	76.9	80.1	83.6	83.8	85.3	86.2	86.3	87.5	87.9	87.9	88.5	88.5	88.7	88.8
	42.4	71.0	77.6	80.8	84.5	84.7	86.3	87.3	87.4	88.6	88.9	88.9	89.5	89.5	89.8	89.9
	42.5	71.7	78.6	82.1	85.8	86.1	87.6	88.6	88.6	90.0	90.2	90.2	90.8	90.8	91.1	91.5
	42.6	72.3	79.6	83.1	87.1	87.5	89.1	90.1	90.6	91.8	92.2	92.2	92.8	92.8	93.0	93.1
	42.7	73.0	80.3	84.0	88.2	88.5	90.0	91.0	91.5	92.7	93.1	93.1	93.7	93.7	94.0	94.3
	42.7	73.5	80.9	84.7	89.1	89.3	91.0	92.1	92.6	93.8	94.3	94.3	94.9	94.9	95.3	95.7
	42.7	73.7	81.3	85.1	89.8	90.2	92.5	93.7	93.8	95.1	95.7	95.7	96.3	96.3	96.6	96.7
	42.7	73.7	81.4	85.3	90.3	90.7	93.1	94.3	94.4	95.7	96.3	96.3	97.0	97.0	97.2	97.5
	42.7	73.7	81.4	85.4	90.4	90.8	93.3	94.6	94.7	96.1	96.8	96.8	97.6	97.6	98.3	98.6
	42.7	73.7	81.5	85.5	90.5	90.9	93.4	94.6	94.7	96.1	96.8	96.8	97.6	97.6	98.9	99.2
	42.7	73.7	81.5	85.5	90.5	90.9	93.4	94.6	94.7	96.1	96.9	96.9	97.6	97.6	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1332

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAG

# CEILING VERSUS VISIBILITY

1954 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.0	35.2	38.4	40.1	41.8	42.0	42.9	43.2	43.3	43.6	43.8	43.8	44.2	44.2	44.5	44.6
≥ 20000	25.4	41.6	45.5	47.6	49.4	49.6	50.6	51.0	51.0	51.5	51.7	51.7	52.1	52.1	52.5	52.6
IV 18000	25.6	41.8	45.7	47.8	49.6	49.8	50.8	51.2	51.3	51.7	51.9	51.9	52.3	52.3	52.7	52.8
IV 16000	25.6	41.9	45.8	47.9	49.7	49.9	50.9	51.3	51.4	51.8	52.0	52.0	52.4	52.4	52.8	52.9
IV 14000	25.9	42.4	46.3	48.6	50.4	50.7	51.8	52.2	52.2	52.6	52.9	52.9	53.4	53.4	53.8	53.9
IV 12000	27.0	44.0	48.2	50.3	52.1	52.4	53.3	53.9	54.0	54.4	54.6	54.6	55.1	55.1	55.6	55.7
IV 10000	27.9	46.3	50.6	52.7	54.6	54.8	56.0	56.4	56.4	56.8	57.1	57.1	57.6	57.6	58.1	58.2
IV 9000	28.1	46.7	51.0	53.1	55.0	55.2	56.4	56.8	56.8	57.2	57.5	57.5	58.0	58.0	58.5	58.6
IV 8500	28.8	48.3	52.7	54.8	56.7	57.0	58.1	58.6	58.6	59.1	59.3	59.3	59.8	59.8	60.3	60.5
IV 8000	29.3	49.7	54.2	56.3	58.2	58.6	59.7	60.4	60.3	60.9	61.2	61.2	61.6	61.7	62.2	62.4
IV 7500	29.9	50.4	55.1	57.2	59.2	59.4	60.8	61.3	61.3	61.8	62.1	62.1	62.5	62.6	63.0	63.3
IV 7000	30.3	51.0	55.8	57.9	60.0	60.2	61.5	62.1	62.1	62.6	62.8	62.8	63.3	63.3	63.8	64.1
IV 6500	30.4	51.4	56.2	58.4	60.4	60.7	62.0	62.5	62.6	63.0	63.3	63.3	63.7	63.8	64.3	64.5
IV 6000	30.8	52.3	57.2	59.5	61.4	61.9	63.2	63.7	63.8	64.3	64.5	64.5	65.0	65.0	65.5	65.7
IV 5500	30.9	52.6	57.6	59.9	61.8	62.4	63.7	64.2	64.3	64.7	65.0	65.0	65.4	65.5	65.9	66.2
IV 5000	31.8	53.7	58.7	61.1	63.0	63.7	65.0	65.5	65.6	66.1	66.3	66.3	66.8	66.8	67.3	67.5
IV 4500	32.2	55.2	60.4	62.8	64.7	65.4	66.7	67.2	67.3	67.7	68.0	68.0	68.5	68.5	69.0	69.2
IV 4000	33.8	57.0	62.3	64.7	67.1	67.4	68.8	69.3	69.4	69.8	70.1	70.1	70.6	70.6	71.1	71.3
IV 3500	33.7	57.8	63.1	65.5	67.9	68.2	69.7	70.3	70.3	70.8	71.0	71.0	71.5	71.5	72.0	72.2
IV 3000	35.2	60.4	65.9	68.5	70.9	71.2	72.7	73.2	73.2	73.7	74.0	74.0	74.4	74.5	75.0	75.2
IV 2500	36.7	63.5	69.4	72.4	75.1	75.4	77.0	77.6	77.6	78.1	78.3	78.3	78.8	78.9	79.3	79.6
IV 2000	37.7	66.1	72.2	75.4	78.3	78.8	80.4	81.1	81.1	81.6	81.8	81.8	82.3	82.4	82.8	83.1
IV 1800	38.0	67.2	73.8	77.0	80.2	80.6	82.3	82.9	83.0	83.5	83.8	83.8	84.2	84.3	84.7	85.0
IV 1600	38.6	68.6	75.5	79.0	82.4	82.8	84.5	85.2	85.4	85.9	86.2	86.2	86.6	86.7	87.1	87.4
IV 1400	38.7	69.8	77.1	80.8	84.2	84.8	86.6	87.5	87.6	88.1	88.4	88.4	88.8	88.9	89.3	89.6
IV 1200	38.9	70.3	77.6	81.4	85.2	85.9	87.9	88.1	88.2	88.8	89.0	89.0	89.5	89.5	90.0	90.2
IV 1000	39.0	70.8	78.4	82.6	86.9	87.7	90.2	91.6	91.7	92.4	92.6	92.6	93.2	93.2	93.8	94.1
IV 900	39.0	70.9	78.6	82.9	87.4	88.2	91.0	92.5	92.7	93.4	93.9	93.9	94.5	94.6	95.1	95.4
IV 800	39.0	71.0	78.8	83.2	87.7	88.5	91.4	93.0	93.2	94.3	94.8	94.9	95.8	95.9	96.6	97.0
IV 700	39.0	71.1	78.8	83.2	87.9	88.7	91.6	93.2	93.5	94.8	95.5	95.6	96.7	97.0	97.9	98.4
IV 600	39.0	71.1	78.8	83.2	87.9	88.7	91.6	93.2	93.5	94.8	95.6	95.6	96.8	97.1	98.3	99.2
IV 500	39.0	71.1	78.8	83.2	87.9	88.7	91.6	93.2	93.5	94.8	95.6	95.6	96.8	97.1	98.4	100.0
IV 400	39.0	71.1	78.8	83.2	87.9	88.7	91.6	93.2	93.5	94.8	95.6	95.6	96.8	97.1	98.4	100.0
IV 300	39.0	71.1	78.8	83.2	87.9	88.7	91.6	93.2	93.5	94.8	95.6	95.6	96.8	97.1	98.4	100.0
IV 200	39.0	71.1	78.8	83.2	87.9	88.7	91.6	93.2	93.5	94.8	95.6	95.6	96.8	97.1	98.4	100.0
IV 100	39.0	71.1	78.8	83.2	87.9	88.7	91.6	93.2	93.5	94.8	95.6	95.6	96.8	97.1	98.4	100.0
IV 0	39.0	71.1	78.8	83.2	87.9	88.7	91.6	93.2	93.5	94.8	95.6	95.6	96.8	97.1	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS. 1953

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1974 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-43,52-70 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0400-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	59.0	46.4	46.7	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IVV 18000 16000	46.2	55.8	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IVV 14000 12000	46.4	56.0	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IVV 10000 9000	47.1	56.8	57.0	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IVV 8000 7000	48.3	58.3	58.7	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IVV 6000 5000	49.5	60.1	60.5	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IVV 4500 4000	49.8	60.6	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IVV 3500 3000	50.5	61.7	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IVV 2500 2000	51.1	62.6	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IVV 1800 1500	51.2	62.9	63.4	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IVV 1200 1000	52.0	64.1	64.7	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IVV 900 800	52.1	64.4	64.9	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IVV 700 600	52.6	65.1	65.7	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IVV 500 400	54.0	66.7	67.3	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IVV 300 200	56.3	69.6	70.3	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IVV 100 0	61.0	75.1	75.8	76.4	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IVV 0	63.4	81.2	82.0	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IVV 0	67.2	83.5	84.3	85.0	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IVV 0	69.7	87.7	88.7	89.3	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IVV 0	71.9	91.3	92.6	93.3	93.9	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IVV 0	72.6	92.7	94.1	95.0	95.3	95.3	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IVV 0	72.7	93.1	94.7	95.8	96.3	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IVV 0	72.8	93.6	95.3	96.5	97.1	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IVV 0	72.9	94.1	95.8	97.1	97.8	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IVV 0	73.0	94.4	96.1	97.5	98.3	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IVV 0	73.1	94.6	96.3	97.8	98.7	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IVV 0	73.1	94.8	96.5	98.1	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVV 0	73.1	94.8	96.6	98.2	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVV 0	73.1	94.8	96.6	98.2	99.1	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVV 0	73.1	94.8	96.6	98.2	99.1	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVV 0	73.1	94.8	96.6	98.2	99.1	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVV 0	73.1	94.8	96.6	98.2	99.1	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVV 0	73.1	94.8	96.6	98.2	99.1	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVV 0	73.1	94.8	96.6	98.2	99.1	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1253

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13824 — ENGLAND AFB LOUISIANA/ALEXANDRIA 44-552-70 YEARS MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 2/3	≥ 5/16	≥ 1/2	≥ 3/8	≥ 0
NO CEILING ≥ 20000	43.0	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
IV 18000 16000	53.8	56.8	56.7	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 14000 12000	54.3	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 10000 9000	54.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 8000 7000	55.8	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
IV 6000 5000	57.3	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 4500 4000	57.7	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 3500 3000	59.0	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 2500 2000	59.6	63.8	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 1800 1500	60.1	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 1200 1000	61.5	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 900 800	62.0	67.2	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 700 600	65.9	71.0	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 500 400	69.7	75.6	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 300 200	73.7	82.3	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 100 0	81.4	88.6	89.0	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 100 0	84.5	92.9	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 100 0	84.9	93.7	94.6	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 100 0	85.6	94.9	95.8	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 100 0	86.0	95.7	96.7	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 100 0	86.1	96.1	97.2	97.6	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 100 0	86.2	96.4	97.5	98.0	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 100 0	86.3	96.6	97.6	98.1	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 100 0	86.3	96.8	97.9	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100 0	86.3	96.8	97.9	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100 0	86.3	96.8	97.9	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100 0	86.3	96.8	97.9	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100 0	86.3	96.8	97.9	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 1952

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1952 ENGLAND AFB, LOUISIANA/ALEXANDRIA 44-45-52-70 YEARS MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1308-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 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 CEILING ≥ 20000	52.7	52.9	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 18000 16000	66.5	68.5	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 14000 12000	66.6	68.6	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 10000 9000	66.8	68.8	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 8000 7000	67.6	69.6	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 6000 5000	69.0	71.8	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 4500 4000	70.7	74.2	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 3500 3000	71.3	75.2	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 2500 2000	72.9	77.2	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 1800 1500	73.8	78.2	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 1200 1000	74.8	79.4	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 900 800	75.8	80.6	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 700 600	76.5	81.8	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 500 400	77.3	82.7	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 300 200	81.9	88.6	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 100 0	84.3	91.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 0	85.2	93.4	94.3	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 0	86.1	94.9	96.0	96.4	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 0	86.1	95.0	96.1	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 0	86.5	95.7	96.8	97.3	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 0	86.5	95.9	97.0	97.4	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 0	86.7	96.1	97.2	97.7	98.0	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 0	86.8	96.4	97.6	98.2	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 0	86.8	96.6	97.8	98.4	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 0	86.8	96.8	98.1	98.6	98.9	98.9	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	86.8	96.8	98.2	98.7	99.0	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	86.8	96.9	98.3	98.8	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	86.8	96.9	98.3	98.8	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	86.8	96.9	98.3	98.8	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	86.8	96.9	98.3	98.8	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	86.8	96.9	98.3	98.8	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	86.8	96.9	98.3	98.8	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	86.8	96.9	98.3	98.8	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1952

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

~~1984~~ ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-52-70 YEARS ~~MAY~~

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1980-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.1	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 20000	69.7	73.8	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 18000	69.9	73.9	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 16000	70.1	74.3	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 14000	71.6	76.0	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 12000	72.9	77.8	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 10000	74.8	80.4	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 9000	75.2	81.0	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 8000	76.5	83.0	83.6	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 7000	77.2	84.2	84.8	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 6000	77.9	84.9	85.7	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 5000	79.0	86.2	86.9	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 4500	79.3	86.8	87.7	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 4000	80.8	88.8	89.4	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 3500	81.6	90.3	91.2	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 3000	82.7	91.9	92.0	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 2500	83.3	93.1	94.3	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 2000	83.9	94.4	95.8	96.2	96.4	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1800	84.0	94.7	96.1	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1500	84.2	95.0	96.5	97.0	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1200	84.4	95.3	96.8	97.3	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1000	84.5	95.5	97.0	97.6	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 900	84.6	95.9	97.4	98.0	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 800	84.7	96.2	97.6	98.4	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	84.7	96.4	98.1	98.7	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	84.8	96.6	98.3	98.9	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	84.8	96.7	98.4	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	84.8	96.8	98.5	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	84.8	96.8	98.5	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	84.8	96.8	98.5	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	84.8	96.8	98.5	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	84.8	96.8	98.5	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1252

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13974 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-52-70 YEARS MAY MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.4	67.7	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4
≥ 20000	69.6	77.1	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9
IV 18000	69.6	77.1	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9
16000	69.7	77.4	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2
IV 14000	70.1	77.8	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6
12000	71.0	79.2	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9
IV 10000	72.4	81.1	81.6	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
9000	72.4	81.4	81.9	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 8000	73.7	83.1	83.6	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0
7000	74.2	84.2	84.8	85.0	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 6000	74.5	84.5	85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7
5000	75.4	86.0	86.7	86.9	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3
IV 4500	76.0	86.7	87.4	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0
4000	76.9	87.8	88.6	88.8	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 3500	77.6	88.9	89.7	89.9	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
3000	78.4	90.1	90.9	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5
IV 2500	78.9	91.3	92.1	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7
2000	79.7	93.0	93.9	94.1	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 1800	80.0	93.6	94.5	94.8	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
1500	80.4	94.4	95.4	95.7	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1200	80.6	94.9	96.1	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
1000	80.8	95.4	96.8	97.1	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 900	80.9	95.6	97.0	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
800	80.9	96.0	97.4	97.7	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	80.9	96.2	97.6	98.0	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
600	80.9	96.4	97.8	98.3	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	80.9	96.5	98.1	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
400	80.9	96.6	98.1	98.7	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	80.9	96.6	98.2	98.8	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
200	80.9	96.6	98.2	98.8	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 100	80.9	96.6	98.2	98.8	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
0	80.9	96.6	98.2	98.8	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13934 ENGLAND AFB, LOUISIANA/ALEXANDRIA 44-45,52-70 YEARS

1961

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	62.5	77.3	78.4	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0
I/V 18000 16000	66.8	83.7	85.0	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8
I/V 14000 12000	67.1	84.4	85.8	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.6	86.6
I/V 10000 9000	68.7	87.4	88.7	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6
I/V 8000 7000	70.2	89.0	90.5	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3
I/V 6000 5000	70.6	89.7	91.1	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.0	92.0
I/V 4500 4000	71.1	90.4	91.8	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6
I/V 3500 3000	71.5	91.2	92.7	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5
I/V 2500 2000	71.7	91.8	93.3	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1
I/V 1800 1500	72.1	92.6	94.3	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1
I/V 1200 1000	72.3	93.1	94.8	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6
I/V 900 800	72.8	93.5	95.2	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1
I/V 700 600	72.9	94.3	96.0	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9
I/V 500 450	73.0	94.6	96.3	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2
I/V 300 200	73.3	94.8	96.6	97.2	97.4	97.4	97.4	97.5	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6
I/V 100 0	73.3	95.1	96.9	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8
	73.6	95.7	97.5	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6
	73.9	96.0	97.9	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2
	73.9	96.1	98.0	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4
	73.9	96.2	98.0	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5
	73.9	96.3	98.2	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7
	73.9	96.3	98.2	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8
	73.9	96.3	98.2	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1800

C  
2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13874 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-4352-70 YEARS JUN 1960

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	36.3	58.1	62.9	64.7	67.5	67.7	68.6	69.2	69.3	70.2	70.5	70.5	70.8	70.8	71.0	71.0
IVV 18000	39.8	64.2	69.4	71.4	74.3	74.6	75.7	76.3	76.4	77.3	77.7	77.7	78.1	78.1	78.3	78.3
IVV 16000	39.6	64.3	69.6	71.5	74.5	74.8	75.9	76.5	76.6	77.5	77.9	77.9	78.3	78.3	78.5	78.5
IVV 14000	39.9	65.3	70.6	72.6	75.7	75.9	77.0	77.6	77.7	78.6	79.0	79.0	79.4	79.4	79.6	79.6
IVV 12000	40.8	66.3	71.6	73.6	76.8	77.1	78.2	78.8	78.9	79.8	80.2	80.2	80.6	80.6	80.8	80.8
IVV 10000	41.3	68.6	74.0	76.4	79.4	79.7	80.8	81.5	81.6	82.5	83.0	83.0	83.3	83.3	83.5	83.6
IVV 8000	41.6	68.9	74.3	76.7	79.7	80.0	81.2	81.9	82.0	82.9	83.3	83.3	83.7	83.7	83.9	84.0
IVV 7000	42.6	70.3	75.8	78.3	81.4	81.7	82.9	83.6	83.7	84.7	85.1	85.1	85.4	85.4	85.7	85.7
IVV 6000	43.1	71.2	76.6	79.0	82.2	82.6	83.8	84.6	84.7	85.7	86.1	86.1	86.5	86.5	86.7	86.7
IVV 5000	43.5	72.1	77.6	80.1	83.2	83.6	84.8	85.7	85.8	86.7	87.1	87.1	87.5	87.5	87.7	87.8
IVV 4500	43.5	72.1	77.8	80.2	83.4	83.8	85.0	85.9	86.0	86.9	87.4	87.4	87.7	87.7	87.9	88.0
IVV 4000	43.6	72.4	78.2	80.6	83.9	84.2	85.4	86.3	86.4	87.4	87.8	87.8	88.1	88.1	88.4	88.4
IVV 3500	43.7	72.5	78.3	80.7	84.0	84.3	85.7	86.4	86.5	87.5	87.9	87.9	88.3	88.3	88.5	88.5
IVV 3000	44.2	73.4	79.2	81.6	85.0	85.4	86.8	87.5	87.6	88.5	88.9	88.9	89.4	89.4	89.6	89.6
IVV 2500	44.4	74.1	79.9	82.4	85.8	86.1	87.6	88.3	88.4	89.3	89.7	89.7	90.2	90.2	90.4	90.4
IVV 2000	44.6	74.7	80.4	82.9	86.3	86.7	88.1	88.8	88.9	89.8	90.3	90.3	90.7	90.7	90.9	91.0
IVV 1800	44.6	74.7	80.5	83.0	86.4	86.8	88.2	88.9	89.0	89.9	90.4	90.4	90.8	90.8	91.0	91.1
IVV 1500	44.8	75.1	81.0	83.4	86.8	87.2	88.6	89.3	89.4	90.4	90.8	90.8	91.2	91.2	91.4	91.5
IVV 1200	45.3	76.2	82.2	84.7	88.1	88.5	89.9	90.6	90.7	91.6	92.1	92.1	92.5	92.5	92.7	92.8
IVV 1000	45.4	76.7	82.6	85.2	88.6	89.0	90.4	91.1	91.2	92.1	92.5	92.5	93.0	93.0	93.2	93.3
IVV 900	45.7	77.2	83.2	85.9	89.3	89.7	91.2	91.9	92.0	92.9	93.3	93.3	93.8	93.8	94.0	94.1
IVV 800	45.7	77.8	83.8	86.5	90.0	90.4	91.9	92.6	92.7	93.7	94.1	94.1	94.6	94.6	94.8	94.9
IVV 700	45.9	78.5	84.7	87.4	91.0	91.3	92.9	93.5	93.7	94.6	95.1	95.1	95.6	95.6	95.8	95.8
IVV 600	46.0	78.9	85.2	88.0	91.6	92.0	93.5	94.2	94.3	95.4	95.8	95.8	96.3	96.3	96.6	96.6
IVV 500	46.0	79.3	85.8	88.6	92.3	92.6	94.2	94.9	95.0	96.0	96.5	96.5	97.0	97.0	97.2	97.2
IVV 400	46.0	79.5	86.0	89.1	92.9	93.2	94.8	95.4	95.6	96.6	97.1	97.1	97.6	97.6	97.8	97.8
IVV 300	46.0	79.5	86.1	89.3	93.1	93.5	95.1	95.6	95.9	97.0	97.5	97.5	98.1	98.1	98.4	98.5
IVV 200	46.0	79.5	86.1	89.3	93.2	93.5	95.2	95.9	96.0	97.1	97.6	97.6	98.2	98.2	98.4	98.5
IVV 100	46.0	79.5	86.1	89.3	93.2	93.5	95.2	95.9	96.0	97.1	97.6	97.6	98.2	98.2	98.4	98.5
IVV 0	46.0	79.5	86.1	89.3	93.2	93.5	95.2	96.0	96.1	97.2	97.8	97.8	98.4	98.4	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1890

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1984 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-52-70 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	25.5	47.6	52.4	54.7	56.9	57.2	58.0	58.1	58.1	58.7	59.0	59.0	59.0	59.0	59.2	59.3
IVV 18000	29.2	55.1	60.3	62.9	65.7	66.0	66.9	67.1	67.1	68.0	68.3	68.3	68.3	68.3	68.5	68.6
IVV 14000	29.3	55.3	60.4	63.1	65.9	66.2	67.1	67.3	67.3	68.2	68.5	68.5	68.5	68.5	68.8	68.9
IVV 12000	29.9	56.7	61.9	64.5	67.4	67.6	68.6	68.8	68.8	69.7	70.0	70.0	70.0	70.0	70.2	70.4
IVV 10000	30.4	58.1	63.3	66.0	69.1	69.4	70.4	70.6	70.6	71.5	71.8	71.8	71.8	71.8	72.0	72.2
IVV 9000	31.4	60.1	65.5	68.4	71.6	71.9	72.9	73.1	73.1	74.0	74.3	74.3	74.3	74.3	74.6	74.7
IVV 8000	31.6	60.3	65.7	68.7	71.9	72.3	73.3	73.5	73.5	74.4	74.7	74.7	74.7	74.7	74.9	75.1
IVV 7000	31.9	61.5	67.0	70.1	73.5	73.8	74.8	75.1	75.1	76.0	76.3	76.3	76.3	76.3	76.5	76.7
IVV 6000	32.5	63.1	68.6	71.8	75.3	75.6	76.7	76.9	77.0	77.8	78.1	78.1	78.1	78.1	78.4	78.5
IVV 5000	32.8	63.5	69.1	72.3	75.8	76.2	77.2	77.4	77.5	78.3	78.7	78.7	78.7	78.7	78.9	79.1
IVV 4500	32.9	64.5	69.6	72.8	76.3	76.6	77.7	78.0	78.0	78.9	79.2	79.2	79.2	79.2	79.4	79.6
IVV 4000	33.1	64.8	69.9	73.0	76.5	76.9	78.0	78.2	78.3	79.1	79.4	79.4	79.4	79.4	79.7	79.9
IVV 3500	33.2	64.9	70.2	73.3	77.0	77.4	78.4	78.7	78.8	79.6	79.9	79.9	79.9	79.9	80.2	80.3
IVV 3000	33.3	64.9	70.7	73.8	77.3	77.7	78.8	79.0	79.1	79.9	80.2	80.2	80.2	80.2	80.5	80.7
IVV 2500	33.5	65.4	71.5	74.6	78.1	78.5	79.6	79.8	79.8	80.7	81.0	81.0	81.0	81.0	81.3	81.5
IVV 2000	33.9	66.7	72.6	75.7	79.3	79.7	80.7	81.0	81.0	81.9	82.2	82.2	82.2	82.2	82.5	82.6
IVV 1800	34.6	67.7	73.6	76.8	80.3	80.8	81.8	82.1	82.2	83.0	83.3	83.3	83.3	83.3	83.6	83.7
IVV 1500	35.0	68.4	74.4	77.6	81.1	81.6	82.7	82.9	83.0	83.8	84.2	84.2	84.2	84.2	84.4	84.6
IVV 1200	36.0	70.1	76.1	79.3	82.1	82.5	83.6	83.9	84.0	84.8	85.2	85.2	85.2	85.2	85.4	85.5
IVV 1000	36.5	71.4	77.5	81.0	84.5	85.0	86.2	86.5	86.5	87.4	87.7	87.7	87.7	87.7	88.0	88.1
IVV 900	37.1	72.5	78.8	82.3	86.0	86.5	87.7	88.1	88.2	89.2	89.5	89.5	89.5	89.5	89.8	89.9
IVV 800	37.4	73.5	79.8	83.4	87.0	87.6	88.9	89.2	89.3	90.3	90.6	90.6	90.6	90.6	90.9	91.0
IVV 700	37.6	74.0	80.5	84.1	87.7	88.2	89.6	89.9	90.0	91.0	91.4	91.4	91.4	91.4	91.6	91.8
IVV 600	38.1	75.2	81.7	85.3	89.2	89.7	91.2	91.5	91.6	92.7	93.0	93.0	93.0	93.0	93.3	93.4
IVV 500	38.3	76.4	83.4	87.2	91.8	92.4	94.2	94.6	94.7	95.9	96.3	96.3	96.3	96.3	96.5	96.9
IVV 400	38.4	76.6	83.8	87.7	92.4	93.0	94.9	95.3	95.4	96.8	97.1	97.1	97.1	97.1	97.4	97.8
IVV 300	38.5	76.9	84.1	88.1	92.8	93.5	95.4	96.1	96.2	97.7	98.0	98.0	98.0	98.0	98.3	98.8
IVV 200	38.5	76.9	84.1	88.1	93.0	93.6	95.6	96.3	96.4	97.9	98.4	98.4	98.4	98.4	98.7	99.2
IVV 100	38.5	76.9	84.1	88.1	93.0	93.6	95.6	96.3	96.4	97.9	98.4	98.4	98.4	98.4	98.7	99.2
IVV 0	38.5	76.9	84.1	88.1	93.0	93.6	95.6	96.3	96.4	97.9	98.4	98.4	98.4	98.4	98.7	99.2

TOTAL NUMBER OF OBSERVATIONS 1888

1  
2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13884 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-52-70 YEARS JUN 1960-1960

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.0	52.7	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 20000	50.6	61.3	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 18000	50.8	61.5	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 16000	51.2	62.0	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 14000	52.4	63.4	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 12000	53.9	65.4	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 10000	55.4	67.2	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 9000	55.4	67.2	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 8000	56.3	68.6	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 7000	56.8	69.7	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 6000	57.2	70.2	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 5000	57.3	70.3	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 4500	57.6	70.8	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 4000	58.4	71.7	72.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 3500	60.0	73.5	74.1	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 3000	62.8	76.7	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 2500	68.0	82.4	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 2000	72.1	87.8	88.4	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 1800	73.2	89.3	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 1500	75.9	92.7	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1200	77.7	95.9	96.5	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1000	77.7	95.9	96.5	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 900	78.1	96.4	97.4	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
IV 800	78.1	96.4	97.4	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	78.1	96.9	98.1	98.6	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	78.1	97.1	98.5	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	78.1	97.2	98.5	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	78.1	97.2	98.5	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	78.1	97.2	98.5	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	78.1	97.2	98.5	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	78.1	97.2	98.5	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	78.1	97.2	98.5	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1840

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13924 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-92-70 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1600

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	47.5	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
18000 16000	59.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
14000 12000	59.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
10000 9000	59.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
8000 7000	60.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
6000 5000	61.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
4500 4000	63.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
3500 3000	63.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
2500 2000	64.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
1800 1500	65.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
1200 1000	65.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
900 800	67.0	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
700 600	68.5	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
500 400	72.9	80.1	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
300 200	77.2	84.7	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
100 0	81.8	90.1	90.3	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
	85.4	94.0	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
	86.7	95.8	96.1	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
	87.0	96.2	96.5	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
	87.4	96.9	97.2	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	87.5	97.2	97.6	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
	87.6	97.6	98.0	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
	87.7	97.7	98.1	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
	87.7	97.8	98.2	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	87.7	98.1	98.6	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	87.7	98.1	98.7	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	87.7	98.2	98.7	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	87.7	98.2	98.7	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	87.7	98.2	98.7	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	87.7	98.2	98.7	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	87.7	98.2	98.7	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	87.7	98.2	98.7	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	87.7	98.2	98.7	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	87.7	98.2	98.7	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 1890

02

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1974 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-43,52-70 YEARS JUN 1990-1990

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.0	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	70.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 18000	71.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 16000	71.9	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 14000	72.4	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 12000	73.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 10000	75.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 9000	75.3	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 8000	76.9	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 7000	77.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 6000	78.8	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 5000	80.1	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 4500	81.4	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 4000	82.4	89.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 3500	84.6	92.5	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 3000	86.3	95.0	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 2500	86.9	95.9	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 2000	87.3	96.6	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1800	87.4	96.7	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1500	87.5	97.1	97.6	97.8	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1200	87.6	97.5	98.0	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1000	87.6	97.5	98.0	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 900	87.6	97.5	98.0	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 800	87.7	97.6	98.1	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	87.7	97.6	98.2	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	87.7	97.8	98.5	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	87.7	97.8	98.6	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	87.7	97.8	98.6	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	87.7	97.8	98.6	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	87.7	97.8	98.6	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	87.7	97.8	98.6	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	87.7	97.8	98.6	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 1890

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1974 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70 YEARS

1111 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1887 2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 20000	73.9	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 18000	73.9	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 16000	74.2	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 14000	75.2	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 12000	75.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 10000	77.7	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 9000	78.3	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 8000	79.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 7000	81.0	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 6000	81.5	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 5000	82.0	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 4500	82.2	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 4000	83.2	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 3500	83.5	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 3000	84.3	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 2500	84.5	96.4	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 2000	84.7	96.9	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	84.7	97.0	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
IV 1500	84.8	97.1	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1200	85.1	97.4	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 1000	85.1	97.6	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 900	85.1	97.6	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 800	85.2	97.7	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	85.2	97.7	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	85.2	98.0	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	85.2	98.0	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	85.2	98.0	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	85.2	98.0	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	85.2	98.0	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	85.2	98.0	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	85.2	98.0	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 1887

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

1984 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-52-70 YEARS

1984

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2160/2800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	66.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 18000 16000	75.4	85.8	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 14000 12000	75.6	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 10000 9000	76.7	87.6	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 8000 7000	76.6	90.5	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 6000 5000	80.4	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 4500 4000	81.0	93.6	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 3500 3000	81.5	94.5	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 2500 2000	82.0	95.1	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1800 1500	82.1	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1200 1000	82.3	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 900 800	82.4	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 700 600	82.5	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 500 400	82.7	97.7	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 300 200	82.7	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 100 0	82.8	98.0	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 0	82.8	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 0	82.8	98.5	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	82.8	98.7	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	82.9	98.8	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	82.9	98.8	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	82.9	98.8	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1886

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13874 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70 YEARS

1111

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING ≥ 20000	59.4	75.5	77.4	78.2	78.4	78.4	78.5	78.5	78.5	78.5	78.6	78.7	78.7	78.8	78.8	78.8	78.8
IVV 18000 16000	64.5	82.8	84.9	85.8	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.4	86.5	86.5	86.6	86.6	86.6
IVV 14000 12000	64.7	83.1	85.2	86.2	86.5	86.5	86.5	86.5	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.9	86.9
IVV 10000 9000	65.1	84.7	86.8	87.8	88.1	88.1	88.2	88.2	88.3	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5
IVV 8000 7000	67.4	88.1	90.2	91.2	91.5	91.5	91.5	91.5	91.6	91.6	91.7	91.8	91.8	91.8	91.9	91.9	91.9
IVV 6000 5000	68.1	89.4	91.6	92.6	92.9	92.9	93.0	93.0	93.0	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3
IVV 4500 4000	68.4	90.1	92.3	93.4	93.7	93.7	93.8	93.8	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1
IVV 3500 3000	68.8	90.5	92.8	93.8	94.1	94.1	94.2	94.2	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5
IVV 2500 2000	69.1	91.1	93.4	94.4	94.9	94.9	95.0	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.4	95.4
IVV 1800 1500	69.2	91.4	93.8	94.9	95.2	95.3	95.3	95.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7
IVV 1200 1000	69.3	91.7	94.0	95.2	95.5	95.6	95.6	95.7	95.7	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.1
IVV 900 800	69.4	91.9	94.2	95.3	95.6	95.7	95.8	95.8	95.9	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.2
IVV 700 600	69.5	92.2	94.5	95.7	96.0	96.1	96.2	96.2	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.6	96.6
IVV 500 400	69.7	92.6	94.9	96.1	96.4	96.5	96.5	96.6	96.6	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9
IVV 300 200	69.8	92.9	95.2	96.3	96.6	96.7	96.8	96.8	96.9	97.0	97.1	97.1	97.2	97.2	97.3	97.3	97.3
IVV 100 0	69.9	93.1	95.4	96.6	96.9	97.0	97.1	97.1	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.5	97.5
	70.0	93.2	95.5	96.7	97.0	97.1	97.2	97.2	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.6	97.6
	70.0	93.3	95.6	96.9	97.2	97.3	97.3	97.4	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7
	70.1	93.5	95.9	97.2	97.5	97.7	97.7	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2
	70.2	93.8	96.3	97.6	98.0	98.2	98.2	98.3	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6
	70.2	94.0	96.5	97.9	98.3	98.4	98.5	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9
	70.2	94.2	96.8	98.2	98.7	98.8	98.9	98.9	99.0	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4
	70.2	94.2	96.8	98.3	98.8	98.9	99.0	99.1	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5
	70.2	94.2	96.8	98.3	98.8	98.9	99.0	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.8
	70.2	94.2	96.8	98.3	98.8	98.9	99.0	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1952

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13824 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-43,52-70

YEARS

1111

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	37.1	61.6	65.1	67.5	69.6	69.8	70.6	70.7	70.8	71.4	71.6	71.7	71.8	71.8	71.9	71.9
IV 18000 ≥ 16000	39.8	66.4	70.1	72.8	75.2	75.4	76.3	76.4	76.5	77.1	77.4	77.4	77.6	77.6	77.8	77.8
IV 14000 ≥ 12000	39.8	66.4	70.2	72.9	75.3	75.5	76.4	76.5	76.7	77.3	77.5	77.6	77.8	77.8	77.9	78.0
IV 10000 9000	40.2	67.6	71.5	74.2	76.6	76.8	77.8	77.9	78.0	78.6	78.9	79.0	79.2	79.2	79.3	79.4
IV 8000 7000	41.2	69.4	73.4	76.2	78.6	78.9	79.8	80.0	80.1	80.7	81.0	81.1	81.3	81.3	81.4	81.5
IV 6000 5000	44.1	74.0	78.2	81.1	83.7	83.9	84.9	85.0	85.2	85.8	86.1	86.1	86.3	86.3	86.5	86.6
IV 4500 4000	44.9	75.3	79.7	82.7	85.4	85.7	86.6	86.8	86.9	87.5	87.8	87.9	88.1	88.1	88.2	88.4
IV 3500 3000	45.2	75.7	80.1	83.2	86.0	86.2	87.2	87.4	87.5	88.1	88.4	88.4	88.7	88.7	88.8	89.0
IV 2500 2000	45.4	76.0	80.5	83.7	86.5	86.8	87.8	88.0	88.1	88.7	89.0	89.0	89.3	89.3	89.5	89.6
IV 1800 1500	45.8	76.6	81.2	84.3	87.1	87.4	88.4	88.6	88.7	89.3	89.6	89.7	89.9	89.9	90.1	90.2
IV 1200 1000	45.8	76.6	81.2	84.3	87.1	87.4	88.4	88.6	88.7	89.3	89.6	89.7	89.9	89.9	90.1	90.2
IV 900 800	45.8	76.6	81.2	84.3	87.1	87.4	88.4	88.6	88.7	89.3	89.6	89.7	89.9	89.9	90.1	90.2
IV 700 600	46.0	77.0	81.6	84.8	87.6	87.9	88.9	89.0	89.1	89.8	90.1	90.1	90.4	90.4	90.5	90.7
IV 500 400	46.1	77.4	81.9	85.2	88.0	88.2	89.2	89.3	89.4	90.2	90.5	90.6	90.8	90.8	91.0	91.1
IV 300 200	46.2	77.8	82.4	85.7	88.5	88.8	89.8	90.0	90.1	90.7	91.1	91.1	91.4	91.4	91.6	91.7
IV 100 0	46.4	78.1	82.7	86.0	88.8	89.0	90.2	90.4	90.5	91.1	91.4	91.4	91.8	91.8	91.9	92.1
	46.6	78.3	82.9	86.2	89.0	89.3	90.4	90.6	90.7	91.3	91.7	91.8	92.0	92.0	92.2	92.3
	47.1	79.0	83.6	86.9	89.7	90.0	91.1	91.3	91.4	92.0	92.4	92.4	92.7	92.7	92.8	93.0
	47.3	79.3	83.9	87.3	90.2	90.4	91.6	91.8	91.9	92.5	92.9	92.9	93.2	93.2	93.3	93.5
	47.4	79.7	84.4	87.9	90.8	91.0	92.2	92.4	92.5	93.1	93.5	93.5	93.9	93.9	94.0	94.2
	47.7	80.0	84.8	88.3	91.2	91.5	92.7	92.9	93.0	93.7	94.0	94.1	94.4	94.4	94.5	94.7
	47.8	80.3	85.1	88.6	91.7	92.0	93.1	93.4	93.5	94.1	94.5	94.5	94.8	94.8	94.9	95.2
	47.9	80.6	85.5	89.1	92.3	92.5	93.7	94.0	94.1	94.7	95.0	95.1	95.4	95.4	95.5	95.8
	47.9	80.8	85.8	89.4	92.7	93.0	94.2	94.5	94.6	95.2	95.6	95.6	96.0	96.0	96.1	96.3
	48.1	81.2	86.2	90.0	93.2	93.5	94.7	95.1	95.2	95.9	96.2	96.3	96.6	96.6	96.7	97.0
	48.1	81.3	86.5	90.4	93.9	94.2	95.4	95.9	96.0	96.7	97.1	97.1	97.5	97.5	97.7	97.9
	48.2	81.4	86.7	90.5	94.2	94.5	95.8	96.3	96.4	97.1	97.5	97.6	98.0	98.0	98.2	98.4
	48.2	81.6	86.8	90.7	94.4	94.7	96.0	96.5	96.7	97.5	98.0	98.0	98.4	98.4	98.6	98.8
	48.2	81.6	86.8	90.7	94.4	94.7	96.1	96.6	96.7	97.5	98.1	98.1	98.8	98.8	99.5	99.9
	48.2	81.6	86.8	90.7	94.4	94.7	96.1	96.6	96.7	97.5	98.1	98.1	98.8	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13884 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70 YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

000000000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.6	47.4	52.0	54.0	55.6	55.8	56.7	56.9	57.0	57.5	57.8	57.8	57.9	58.0	58.1	58.2
≥ 20000	30.4	54.6	59.8	62.0	64.1	64.3	65.4	65.6	65.7	66.4	66.8	66.8	67.0	67.0	67.1	67.2
IV 18000	30.5	54.8	60.0	62.2	64.3	64.5	65.6	65.8	65.9	66.6	67.0	67.0	67.2	67.2	67.3	67.4
IV 16000	30.9	55.2	60.4	62.6	64.7	64.9	66.0	66.3	66.4	67.0	67.4	67.4	67.6	67.6	67.7	67.8
IV 14000	31.3	56.4	61.6	64.0	66.1	66.3	67.4	67.6	67.7	68.4	68.9	68.9	69.1	69.1	69.2	69.3
IV 12000	32.3	58.5	64.0	66.6	68.7	68.9	70.2	70.5	70.6	71.3	71.8	71.8	72.0	72.1	72.2	72.3
IV 10000	34.9	63.0	68.8	71.7	73.9	74.1	75.4	75.7	75.8	76.4	77.0	77.0	77.2	77.3	77.4	77.5
IV 9000	35.6	64.0	69.9	72.9	75.1	75.3	76.6	77.0	77.1	77.7	78.2	78.2	78.3	78.5	78.7	78.8
IV 8000	36.7	66.6	72.8	75.9	78.2	78.5	79.8	80.2	80.3	81.0	81.5	81.5	81.7	81.8	82.0	82.1
IV 7000	37.4	67.6	73.8	77.1	79.4	79.7	81.1	81.4	81.5	82.2	82.7	82.7	82.9	83.0	83.2	83.3
IV 6000	37.8	68.2	74.4	77.8	80.1	80.4	81.8	82.1	82.2	82.9	83.4	83.4	83.7	83.7	83.9	84.0
IV 5000	37.9	68.7	75.0	78.3	80.7	81.0	82.4	82.7	82.8	83.5	84.0	84.0	84.3	84.3	84.5	84.6
IV 4500	38.2	69.5	75.9	79.3	81.7	82.0	83.4	83.8	83.9	84.6	85.1	85.1	85.4	85.4	85.6	85.7
IV 4000	38.3	70.0	76.3	79.8	82.3	82.6	84.0	84.4	84.5	85.2	85.7	85.7	86.0	86.0	86.2	86.3
IV 3500	38.5	70.5	76.9	80.3	82.9	83.2	84.6	85.0	85.1	85.8	86.3	86.3	86.6	86.6	86.8	86.9
IV 3000	38.7	71.2	77.4	81.2	83.8	84.1	85.6	86.0	86.1	86.8	87.4	87.4	87.7	87.7	87.9	88.0
IV 2500	38.8	71.3	77.7	81.3	83.9	84.2	85.7	86.1	86.2	86.9	87.5	87.5	87.8	87.8	88.0	88.1
IV 2000	39.2	72.0	78.5	82.1	84.7	85.0	86.5	86.8	86.9	87.7	88.3	88.3	88.6	88.6	88.8	88.9
IV 1800	39.6	72.8	79.3	82.9	85.5	85.8	87.3	87.7	87.8	88.5	89.1	89.1	89.4	89.5	89.7	89.8
IV 1500	39.8	73.6	80.2	83.8	86.4	86.7	88.3	88.7	88.8	89.6	90.1	90.1	90.4	90.5	90.7	90.8
IV 1200	40.0	74.1	80.8	84.4	87.0	87.4	89.0	89.3	89.5	90.2	90.8	90.8	91.1	91.1	91.3	91.4
IV 1000	40.3	75.1	81.9	85.5	88.3	88.6	90.2	90.6	90.7	91.4	92.0	92.0	92.3	92.4	92.7	92.8
IV 900	40.6	75.5	82.3	86.0	88.8	89.1	90.8	91.1	91.2	92.0	92.6	92.6	92.9	92.9	93.2	93.3
IV 800	40.7	75.9	82.8	86.7	89.7	90.0	91.7	92.1	92.2	93.0	93.5	93.5	93.8	93.8	94.3	94.4
IV 700	40.8	76.5	83.6	87.7	91.0	91.3	93.1	93.5	93.7	94.4	95.0	95.0	95.3	95.3	95.7	95.8
IV 600	40.9	76.8	84.2	88.4	92.0	92.3	94.3	94.8	94.9	95.7	96.3	96.3	96.6	96.7	97.1	97.2
IV 500	40.9	77.1	84.4	88.7	92.5	92.8	94.9	95.4	95.6	96.8	97.5	97.5	97.9	98.0	98.6	98.7
IV 400	40.9	77.1	84.5	88.8	92.6	92.9	95.0	95.6	95.8	97.0	97.8	97.8	98.4	98.5	99.2	99.4
IV 300	40.9	77.1	84.5	88.8	92.6	92.9	95.0	95.6	95.8	97.0	97.9	97.9	98.4	98.7	99.6	99.9
IV 200	40.9	77.1	84.5	88.8	92.6	92.9	95.0	95.6	95.8	97.0	97.9	97.9	98.4	98.7	99.6	100.0
IV 100	40.9	77.1	84.5	88.8	92.6	92.9	95.0	95.6	95.8	97.0	97.9	97.9	98.4	98.7	99.6	100.0
IV 0	40.9	77.1	84.5	88.8	92.6	92.9	95.0	95.6	95.8	97.0	97.9	97.9	98.4	98.7	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13924 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-92-70

YEARS

1966

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 0
NO CEILING	45.4	54.0	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 20000	52.8	64.0	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
18000	53.0	64.2	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
16000	53.4	64.5	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
14000	54.1	65.7	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
12000	56.1	68.3	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
10000	58.7	72.2	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
9000	59.2	73.1	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
8000	60.3	75.0	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
7000	60.8	75.8	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
6000	60.8	76.1	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
5000	60.9	76.5	77.4	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
4500	60.9	76.7	77.5	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
4000	61.5	77.6	78.4	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
3500	62.2	78.3	79.2	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
3000	64.4	80.8	81.7	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
2500	67.5	84.4	85.4	85.9	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
2000	70.4	88.1	89.2	89.8	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
1800	71.4	89.5	90.5	91.1	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
1500	72.0	91.9	92.0	92.7	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
1200	73.9	93.3	94.4	95.0	95.4	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7
1000	74.7	94.6	95.9	96.5	96.9	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
900	74.7	95.2	96.6	97.2	97.6	97.7	97.8	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0
800	74.7	95.3	96.8	97.4	97.8	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
700	74.9	95.8	97.2	97.9	98.3	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
600	75.0	96.1	97.5	98.2	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
500	75.0	96.4	97.9	98.6	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
400	75.0	96.5	98.0	98.7	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
300	75.1	96.5	98.0	98.7	99.3	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
200	75.1	96.5	98.0	98.7	99.3	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
100	75.1	96.5	98.0	98.7	99.3	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
0	75.1	96.5	98.0	98.7	99.3	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1952

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13874 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70 YEARS

1953

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	47.4	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IV 15000	57.7	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 14000	58.3	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 12000	60.0	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 10000	62.5	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 9000	64.8	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 8000	65.4	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 7000	66.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 6000	66.7	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 5000	66.8	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 4500	67.6	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 4000	68.1	76.4	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 3500	70.7	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 3000	74.4	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 2500	78.2	88.4	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 2000	81.7	92.9	93.3	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1800	82.2	93.3	93.7	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1500	83.4	95.7	96.2	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1200	83.9	96.8	97.4	98.0	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1000	84.1	97.1	97.7	98.3	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 900	84.2	97.2	98.0	98.6	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	84.2	97.3	98.0	98.6	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	84.2	97.4	98.1	98.7	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	84.2	97.5	98.2	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	84.3	97.6	98.3	98.9	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	84.3	97.7	98.3	99.0	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	84.4	97.8	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	84.4	97.8	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	84.4	97.8	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	84.4	97.8	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1043

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1986 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 52-70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	42.7	43.5	43.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
IV 18000 16000	62.2	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 14000 12000	62.8	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 10000 9000	63.1	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 8000 7000	64.8	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 6000 5000	66.9	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 4500 4000	69.8	76.1	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 3500 3000	70.3	76.8	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 2500 2000	72.0	79.4	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 1800 1500	72.0	80.8	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 1200 1000	73.3	81.3	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 900 800	74.6	83.2	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 700 600	75.5	84.3	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 500 400	77.2	87.2	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 300 200	79.9	89.9	90.6	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 100 0	80.9	92.7	93.4	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
	81.7	93.9	94.9	95.4	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
	82.2	95.0	96.1	96.7	96.7	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	82.3	95.2	96.4	97.0	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
	82.5	95.3	96.6	97.3	97.7	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
	82.8	96.0	97.3	98.0	98.3	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	82.9	96.1	97.5	98.2	98.5	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	83.0	96.2	97.7	98.4	98.7	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	83.0	96.4	97.9	98.6	98.9	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	83.0	96.5	98.0	98.7	99.0	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	83.0	96.5	98.0	98.8	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	83.0	96.6	98.1	98.8	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	83.0	96.6	98.1	98.8	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	83.0	96.6	98.1	98.8	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	83.0	96.6	98.1	98.8	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	83.0	96.6	98.1	98.8	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	83.0	96.6	98.1	98.8	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	83.0	96.6	98.1	98.8	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 1952

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1954 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-52-70 YEARS 1954

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1000-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	40.6	44.7	44.8	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
IVM 18000	64.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IVM 16000	64.9	73.6	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IVM 14000	65.0	73.7	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IVM 12000	66.8	76.5	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IVM 10000	69.4	80.9	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IVM 9000	72.6	84.5	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IVM 8000	73.1	85.3	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IVM 7000	74.7	87.2	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IVM 6000	75.6	88.9	89.9	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IVM 5000	76.6	90.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IVM 4500	77.0	91.0	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IVM 4000	77.6	92.4	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IVM 3500	78.1	93.3	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IVM 3000	78.6	94.9	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IVM 2500	79.0	95.3	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IVM 2000	79.1	95.8	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IVM 1800	79.2	95.9	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IVM 1500	79.2	96.0	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IVM 1200	79.2	96.3	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IVM 1000	79.2	96.4	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IVM 900	79.3	96.5	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IVM 800	79.3	96.7	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IVM 700	79.3	96.8	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IVM 600	79.4	97.0	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 500	79.4	97.0	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 400	79.4	97.1	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IVM 300	79.5	97.1	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IVM 200	79.5	97.1	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IVM 100	79.5	97.1	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IVM 0	79.5	97.1	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

1952 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70 YEARS III MONTH

PERCENTAGE FREQUENCY OF OCCURENCE  
(FROM HOURLY OBSERVATIONS)

2188-1300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING N 20000	59.7	69.9	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 18000	71.4	85.0	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 16000	71.5	85.4	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 14000	72.1	86.5	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 12000	73.4	88.4	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 10000	75.4	91.1	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 8000	75.6	91.6	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 7000	76.2	92.3	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 6000	76.6	92.2	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 5000	76.8	93.7	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 4500	77.4	94.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 4000	77.5	94.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 3500	77.7	95.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 3000	77.9	95.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 2500	78.0	96.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 2000	78.2	96.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	78.3	96.5	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1500	78.3	96.6	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1200	78.4	96.7	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1000	78.5	97.2	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 900	78.5	97.2	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	78.6	97.4	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	78.6	97.6	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	78.6	97.7	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	78.6	97.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	78.7	98.0	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	78.7	98.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	78.7	98.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	78.7	98.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	78.7	98.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1952

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13924 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-52-70 YEARS AUG 1953

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	55.3	74.9	76.2	76.8	77.4	77.8	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV/V 18000 16000	60.1	81.6	83.3	83.9	84.3	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV/V 14000 12000	60.4	82.2	83.7	84.3	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV/V 10000 9000	61.8	84.3	85.6	86.8	87.6	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV/V 8000 7000	63.9	86.8	88.7	89.6	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV/V 6000 5000	64.8	89.1	91.1	92.0	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV/V 4500 4000	65.0	89.5	91.5	92.4	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV/V 3500 3000	65.3	89.9	91.9	92.8	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV/V 2500 2000	65.6	90.4	92.4	93.3	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV/V 1800 1500	65.9	90.7	92.7	93.7	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV/V 1200 1000	65.9	90.8	92.8	93.7	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV/V 900 800	66.1	90.9	92.9	93.9	94.6	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV/V 700 600	66.2	91.0	93.0	94.0	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV/V 500 400	66.2	91.3	93.3	94.2	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV/V 300 200	66.3	91.6	93.6	94.6	95.3	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV/V 100 0	66.4	91.7	93.7	94.7	95.5	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
	66.5	91.9	93.9	95.0	95.8	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
	66.6	92.0	94.0	95.1	96.0	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
	66.6	92.2	94.4	95.5	96.3	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
	66.7	92.4	94.7	95.8	96.6	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	66.8	92.9	95.2	96.3	97.2	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	66.8	93.3	95.8	96.9	97.7	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
	66.8	93.7	96.2	97.3	98.3	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	66.8	93.7	96.2	97.3	98.4	98.8	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
	66.8	93.7	96.3	97.3	98.6	98.8	99.3	99.3	99.3	99.4	99.4	99.5	99.7	99.7	99.7	99.7
	66.8	93.7	96.3	97.3	98.6	98.8	99.3	99.3	99.3	99.4	99.4	99.5	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13R24 ENGLAND AFB LUISIANA/ALEXANDRIA 44-45-52-70 YEARS

AMW

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.1	62.0	66.7	68.6	70.9	71.0	72.2	72.6	72.6	73.1	73.5	73.5	73.6	73.7	73.9	74.0
≥ 20000	39.6	66.9	71.0	74.1	76.5	76.7	77.9	78.3	78.3	78.8	79.2	79.2	79.3	79.3	79.7	79.7
IV 16000	39.7	67.1	72.1	74.4	76.9	77.0	78.2	78.6	78.6	79.1	79.3	79.3	79.7	79.8	80.0	80.1
IV 14000	39.8	67.2	72.2	74.5	77.0	77.1	78.3	78.8	78.8	79.2	79.6	79.6	79.8	79.9	80.1	80.2
IV 12000	40.2	67.9	73.1	75.4	77.9	78.0	79.3	79.7	79.7	80.1	80.5	80.5	80.7	80.8	81.1	81.1
IV 10000	41.4	69.8	75.2	77.8	80.5	80.6	81.9	82.3	82.3	82.7	83.2	83.2	83.3	83.3	83.7	83.7
IV 9000	42.7	71.9	77.6	80.2	83.0	83.2	84.4	84.8	84.8	85.3	85.7	85.7	85.8	86.0	86.2	86.2
IV 8000	43.0	72.7	78.4	81.0	83.8	84.0	85.2	85.6	85.6	86.1	86.5	86.5	86.7	86.8	87.0	87.1
IV 7000	43.7	73.8	79.6	82.2	85.0	85.2	86.4	86.9	86.9	87.4	87.8	87.8	88.0	88.2	88.4	88.4
IV 6000	44.0	74.4	80.3	83.1	85.9	86.1	87.3	87.8	87.8	88.3	88.7	88.7	88.9	89.0	89.2	89.2
IV 5000	44.2	74.8	80.7	83.4	86.3	86.5	87.7	88.2	88.2	88.7	89.1	89.1	89.3	89.5	89.8	89.8
IV 4500	44.3	75.1	81.3	84.0	87.0	87.2	88.4	88.9	88.9	89.4	89.8	89.8	90.0	90.2	90.4	90.5
IV 4000	44.4	75.2	81.5	84.2	87.1	87.4	88.6	89.0	89.0	89.6	90.0	90.0	90.2	90.3	90.6	90.6
IV 3500	44.6	75.4	81.7	84.4	87.4	87.6	88.8	89.3	89.3	89.8	90.2	90.2	90.4	90.6	90.8	90.9
IV 3000	44.7	75.6	81.9	84.6	87.6	87.9	89.1	89.6	89.6	90.1	90.5	90.5	90.7	90.8	91.1	91.1
IV 2500	44.8	75.9	82.1	84.9	88.0	88.3	89.5	90.0	90.0	90.5	90.9	90.9	91.1	91.2	91.5	91.6
IV 2000	45.0	76.2	82.3	85.2	88.3	88.5	89.7	90.2	90.2	90.7	91.1	91.1	91.3	91.5	91.8	91.8
IV 1800	45.2	76.5	82.5	85.6	88.6	88.9	90.1	90.6	90.6	91.1	91.5	91.5	91.7	91.9	92.1	92.2
IV 1500	45.2	76.6	82.6	85.6	88.7	89.0	90.2	90.6	90.6	91.1	91.5	91.5	91.8	91.9	92.2	92.2
IV 1200	45.3	77.0	82.7	86.1	89.1	89.4	90.6	91.1	91.1	91.6	92.0	92.0	92.2	92.4	92.6	92.7
IV 1000	45.3	77.3	82.7	86.4	89.5	89.8	91.0	91.5	91.5	92.0	92.4	92.4	92.6	92.8	93.0	93.1
IV 900	45.5	77.6	82.8	86.8	89.9	90.2	91.4	91.9	91.9	92.4	92.8	92.8	93.0	93.2	93.4	93.5
IV 800	45.5	77.8	82.8	87.0	90.2	90.4	91.7	92.2	92.2	92.7	93.1	93.1	93.3	93.4	93.7	93.8
IV 700	45.6	78.0	82.8	87.4	90.3	90.8	92.1	92.5	92.5	93.0	93.4	93.4	93.7	93.8	94.1	94.1
IV 600	45.7	78.2	82.8	87.6	90.7	91.0	92.3	92.7	92.7	93.2	93.7	93.7	93.9	94.0	94.3	94.3
IV 500	45.7	78.4	82.9	88.0	91.2	91.4	92.5	93.0	93.0	93.5	94.0	94.0	94.2	94.4	94.6	94.6
IV 400	45.7	78.8	82.9	88.4	91.8	92.0	93.1	94.0	94.0	94.5	95.0	95.0	95.2	95.4	95.7	95.8
IV 300	45.7	78.9	82.9	88.7	92.1	92.4	93.4	94.5	94.5	95.0	95.5	95.5	95.8	96.0	96.2	96.2
IV 200	45.7	79.0	82.9	89.1	92.6	92.9	93.6	95.2	95.2	96.0	96.4	96.4	96.7	96.8	97.1	97.1
IV 100	45.7	79.1	82.9	89.2	92.8	93.0	94.5	95.6	95.6	96.5	97.1	97.1	97.5	97.6	98.0	98.1
IV 0	45.7	79.1	82.9	89.2	92.8	93.0	94.5	95.7	95.8	96.7	97.4	97.4	98.2	98.4	98.9	99.1
	45.7	79.1	82.9	89.2	92.8	93.0	94.5	95.7	95.8	96.7	97.4	97.4	98.2	98.3	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1943

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13924 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-49,52-70 YEARS AUG 6600-0800

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.1	44.6	50.1	53.8	56.6	57.2	58.7	59.5	59.8	60.5	60.7	60.7	60.8	60.8	60.9	61.0
≥ 20000	25.6	50.6	57.2	61.2	64.7	65.3	66.8	67.8	68.0	68.9	69.1	69.1	69.3	69.3	69.6	69.7
IV 18000	25.6	50.8	57.3	61.4	64.8	65.3	67.0	68.0	68.3	69.1	69.3	69.3	69.5	69.5	69.8	69.9
IV 16000	25.7	51.2	57.7	61.8	65.2	65.9	67.4	68.4	68.7	69.5	69.7	69.7	69.9	69.9	70.3	70.4
IV 14000	26.3	52.2	58.5	62.9	66.3	67.0	68.5	69.5	69.7	70.6	70.8	70.8	71.0	71.0	71.3	71.4
IV 12000	28.0	55.4	62.2	66.6	70.0	70.7	72.2	73.3	73.5	74.5	74.7	74.7	74.9	75.0	75.3	75.4
IV 10000	29.1	58.4	65.9	70.6	74.1	74.8	76.4	77.5	77.8	78.8	79.0	79.0	79.2	79.3	79.6	79.7
IV 9000	29.2	58.4	66.5	71.2	74.8	75.5	77.2	78.3	78.5	79.5	79.7	79.7	80.0	80.0	80.3	80.4
IV 8000	29.8	60.7	68.8	73.6	77.3	78.0	79.7	80.8	81.1	82.1	82.3	82.3	82.5	82.6	82.9	83.0
IV 7000	30.5	61.6	69.7	74.6	78.3	79.1	80.7	81.9	82.2	83.2	83.4	83.4	83.6	83.7	84.0	84.1
IV 6000	30.6	61.9	70.0	74.9	78.6	79.4	81.1	82.2	82.5	83.5	83.7	83.7	84.0	84.0	84.3	84.4
IV 5000	30.8	62.6	70.8	75.6	79.5	80.2	81.9	83.2	83.4	84.4	84.6	84.6	84.9	84.9	85.3	85.4
IV 4500	31.0	63.0	71.2	76.1	79.9	80.6	82.4	83.6	83.9	84.8	85.1	85.1	85.4	85.4	85.7	85.8
IV 4000	31.2	63.2	71.5	76.4	80.2	81.0	82.7	83.9	84.2	85.2	85.4	85.4	85.7	85.7	86.0	86.1
IV 3500	31.2	63.5	71.8	76.8	80.6	81.3	83.1	84.3	84.6	85.6	85.8	85.8	86.1	86.1	86.4	86.5
IV 3000	31.3	63.7	72.0	77.0	80.8	81.5	83.3	84.5	84.8	85.8	86.0	86.0	86.3	86.3	86.6	86.7
IV 2500	31.5	64.0	72.4	77.3	81.2	81.9	83.6	84.9	85.2	86.1	86.4	86.4	86.6	86.7	87.0	87.1
IV 2000	31.7	64.4	73.0	78.0	81.9	82.6	84.3	85.5	85.8	86.8	87.0	87.3	87.3	87.5	87.9	88.0
IV 1800	31.8	64.7	73.2	78.2	82.2	82.9	84.6	85.8	86.0	87.0	87.3	87.3	87.5	87.5	87.8	88.2
IV 1500	32.1	65.2	73.9	79.1	83.1	83.8	85.5	86.9	87.1	88.1	88.4	88.4	88.6	88.7	89.0	89.1
IV 1200	32.3	65.5	74.3	79.5	83.6	84.3	86.1	87.5	87.7	88.7	88.9	88.9	89.2	89.2	89.6	89.7
IV 1000	32.3	65.5	74.4	79.7	83.8	84.5	86.3	87.7	87.9	88.9	89.1	89.1	89.4	89.4	89.7	90.0
IV 900	32.4	65.7	74.7	80.0	84.1	84.8	86.6	88.1	88.3	89.3	89.5	89.5	89.8	89.8	90.0	90.4
IV 800	32.5	66.0	74.9	80.3	84.4	85.2	87.1	88.5	88.7	89.7	89.9	89.9	90.1	90.1	90.4	90.8
IV 700	32.7	66.4	75.5	80.9	85.0	85.7	87.7	89.1	89.3	90.5	90.8	90.8	91.1	91.1	91.4	91.6
IV 600	32.7	66.5	76.0	81.4	85.8	86.5	88.5	90.0	90.2	91.3	91.7	91.7	92.0	92.0	92.4	92.5
IV 500	32.8	67.3	76.9	82.7	87.2	88.0	90.2	91.7	92.0	93.3	93.7	93.7	94.1	94.1	94.4	94.5
IV 400	32.9	67.6	77.5	83.3	88.2	89.0	91.3	92.9	93.2	94.7	95.1	95.2	95.5	95.6	96.0	96.1
IV 300	32.9	67.6	77.7	83.6	88.7	89.5	91.9	93.6	93.9	95.9	96.5	96.5	97.0	97.1	97.5	97.6
IV 200	32.9	67.6	77.7	83.6	88.7	89.5	91.9	93.7	94.1	94.2	94.3	94.3	94.7	94.7	95.1	95.6
IV 100	32.9	67.7	77.7	83.6	88.8	89.6	92.0	93.8	94.2	96.3	97.0	97.1	98.1	98.3	99.1	99.4
0	32.9	67.7	77.7	83.6	88.8	89.6	92.0	93.8	94.2	96.3	97.0	97.1	98.1	98.3	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1954 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45-52-70 YEARS AUC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.3	55.7	56.5	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 20000	49.9	64.9	65.7	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 18000	50.0	65.1	66.0	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 16000	50.3	65.4	66.3	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 14000	51.7	67.5	68.4	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 12000	53.4	69.8	70.9	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 10000	54.5	72.9	73.9	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 9000	55.1	73.3	74.3	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 8000	56.2	75.4	76.5	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 7000	56.8	76.3	77.4	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 6000	57.0	76.5	77.6	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 5000	57.3	77.1	78.2	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 4500	57.5	77.4	78.5	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 4000	57.9	77.8	79.0	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 3500	58.6	78.6	79.8	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 3000	60.5	80.8	82.1	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 2500	62.5	83.3	84.6	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 2000	65.1	86.8	88.2	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 1800	65.8	88.0	89.3	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 1500	67.3	90.0	91.4	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 1200	68.3	92.1	93.5	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1000	68.8	92.1	93.5	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 900	68.9	92.3	93.0	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 800	69.1	92.3	93.0	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 700	69.2	92.5	93.2	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 600	69.3	92.5	93.2	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 500	69.5	92.5	93.2	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 400	69.5	92.5	93.2	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 300	69.5	92.5	93.2	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 200	69.5	92.5	93.2	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 100	69.5	92.5	93.2	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 0	69.5	92.5	93.2	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1984 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-43-92-70 YEARS

AUG  
 MONTH  
 1984-1989

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	47.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IVV 18000 16000	60.7	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IVV 14000 12000	61.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IVV 10000 9000	61.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IVV 8000 7000	62.4	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IVV 6000 5000	63.2	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IVV 4500 4000	67.1	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IVV 3500 3000	67.6	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IVV 2500 2000	68.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IVV 1800 1500	69.0	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IVV 1200 1000	69.3	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IVV 900 800	70.3	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IVV 700 600	70.9	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IVV 500 400	73.3	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IVV 300 200	75.0	85.9	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IVV 100 0	78.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IVV 0	79.8	92.4	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4
IVV 0	81.3	94.8	95.7	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5
IVV 0	81.6	95.3	96.3	96.7	96.8	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1
IVV 0	83.1	96.2	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.2	98.2	98.2
IVV 0	82.6	97.0	98.0	98.5	98.7	98.7	98.9	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1
IVV 0	82.7	97.1	98.2	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4
IVV 0	82.7	97.2	98.2	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4
IVV 0	82.7	97.3	98.3	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6
IVV 0	82.8	97.3	98.4	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7
IVV 0	82.8	97.3	98.4	99.0	99.3	99.3	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8
IVV 0	82.8	97.3	98.5	99.0	99.3	99.3	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8
IVV 0	82.8	97.4	98.5	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0
IVV 0	82.8	97.4	98.5	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0
IVV 0	82.8	97.4	98.5	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1953

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13824 ENGLAND AIR LOUISIANA/ALEXANDRIA 44-45,5E-70 YEARS AUC MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1996-1900

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ 1	≥ ½	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	45.6	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IVV 18000	66.4	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IVV 16000	66.7	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IVV 14000	66.9	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVV 12000	68.1	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IVV 10000	70.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IVV 9000	73.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IVV 8000	73.6	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IVV 7000	74.8	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IVV 6000	75.8	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IVV 5000	76.1	85.5	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IVV 4500	77.2	86.6	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IVV 4000	77.7	87.4	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IVV 3500	79.2	89.2	89.8	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IVV 3000	80.1	90.6	91.1	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IVV 2500	82.0	93.1	93.9	94.4	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IVV 2000	82.9	94.5	95.3	95.8	96.3	96.3	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IVV 1800	83.5	95.5	96.5	97.0	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IVV 1500	83.9	96.0	97.2	97.7	98.5	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IVV 1200	83.9	96.1	97.3	97.9	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVV 1000	83.9	96.2	97.4	98.0	98.8	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IVV 900	84.0	96.3	97.5	98.1	98.9	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IVV 800	84.1	96.4	97.7	98.3	99.1	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVV 700	84.1	96.5	97.7	98.3	99.1	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVV 600	84.1	96.6	97.8	98.4	99.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IVV 500	84.1	96.6	97.8	98.4	99.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IVV 400	84.1	96.6	98.0	98.5	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IVV 300	84.1	96.6	98.0	98.5	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IVV 200	84.1	96.6	98.0	98.5	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IVV 100	84.1	96.6	98.0	98.5	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IVV 0	84.1	96.6	98.0	98.5	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

13924 ENCLAND AFB LOUISIANA/ALEXANDRIA 44-45, 52-70 YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1498-1000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING V 20000	44.4	51.2	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
18000 VV	67.3	77.1	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
16000 VV	67.3	77.1	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
14000 VV	67.5	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
12000 VV	68.8	78.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
10000 VV	70.9	81.7	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
9000 VV	73.9	86.1	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
8000 VV	74.5	86.9	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
7000 VV	76.1	89.6	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
6000 VV	77.3	90.9	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
5000 VV	77.4	91.4	92.2	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
4500 VV	77.9	92.3	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
4000 VV	78.2	92.8	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
3500 VV	78.8	93.8	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
3000 VV	79.3	94.7	95.5	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
2500 VV	80.0	96.3	97.2	97.5	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
2000 VV	80.2	96.7	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
1800 VV	80.3	97.0	98.0	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1500 VV	80.3	97.1	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1200 VV	80.4	97.3	98.4	98.8	99.0	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1000 VV	80.5	97.4	98.5	98.9	99.2	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
900 VV	80.5	97.4	98.5	98.9	99.2	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
800 VV	80.5	97.4	98.5	98.9	99.2	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
700 VV	80.5	97.4	98.5	98.9	99.2	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
600 VV	80.5	97.4	98.5	98.9	99.2	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
500 VV	80.5	97.4	98.6	99.1	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
400 VV	80.5	97.4	98.6	99.1	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
300 VV	80.5	97.5	98.7	99.2	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
200 VV	80.5	97.5	98.7	99.2	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
100 VV	80.5	97.5	98.7	99.2	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0 VV	80.5	97.5	98.7	99.2	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1933

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13884 ENGLANO AFB, LOUISIANA/ALEXANDRIA 44-45,52-70 YEARS AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.0	71.4	72.0	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 20000	71.0	83.7	84.3	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 18000	71.1	84.0	84.6	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 16000	71.3	84.2	84.8	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 14000	71.8	85.0	85.7	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 12000	73.5	87.4	88.1	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 10000	75.4	90.2	91.0	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 9000	75.9	90.9	91.7	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 8000	76.9	92.2	93.1	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 7000	77.3	92.4	93.3	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 6000	77.6	93.2	94.1	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 5000	77.8	93.9	94.8	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 4500	78.1	94.3	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 4000	78.5	94.8	95.7	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 3500	78.7	95.1	96.0	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 3000	78.9	95.6	96.5	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 2500	79.1	95.9	96.8	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 2000	79.1	96.1	97.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1800	79.1	96.2	97.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1500	79.2	96.2	97.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1200	79.3	96.4	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1000	79.3	96.4	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 900	79.3	96.4	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 800	79.3	96.5	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 700	79.3	96.5	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 600	79.3	96.6	97.5	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 500	79.4	96.9	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 400	79.5	97.1	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 300	79.5	97.1	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 200	79.5	97.2	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 100	79.5	97.2	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	79.5	97.2	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 1442

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13824 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45-52-70 YEARS SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

7000-8700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	52.7	69.4	71.1	72.2	72.8	72.9	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4
IVM 18000 16000	57.3	73.7	77.6	78.8	79.5	79.6	80.0	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.3
IVM 14000 12000	57.6	75.4	78.2	79.4	80.2	80.3	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.9	81.0
IVM 13000 9000	59.4	78.2	80.3	81.5	82.2	82.3	82.8	82.8	82.9	82.9	82.9	82.9	83.0	83.0	83.1	83.1
IVM 8000 7000	60.1	79.4	81.9	83.2	84.0	84.1	84.5	84.5	84.5	84.6	84.7	84.7	84.7	84.7	84.8	84.9
IVM 6000 5000	60.2	79.3	82.0	83.3	84.1	84.2	84.7	84.7	84.7	84.8	84.8	84.8	84.9	84.9	85.0	85.1
IVM 4500 4000	60.8	80.5	83.0	84.3	85.1	85.2	85.7	85.7	85.7	85.8	85.8	85.8	85.9	85.9	86.0	86.0
IVM 3500 3000	61.0	81.0	83.6	85.0	85.8	85.9	86.4	86.4	86.4	86.5	86.5	86.5	86.6	86.6	86.7	86.7
IVM 2500 2000	61.4	81.5	84.1	85.6	86.4	86.5	86.9	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.2	87.3
IVM 1800 1500	61.7	82.2	84.9	86.5	87.3	87.4	87.8	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.1	88.2
IVM 1200 1000	61.8	82.3	85.2	86.9	87.7	87.8	88.2	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.5	88.6
IVM 900 800	62.0	82.6	85.6	87.1	88.0	88.1	88.6	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.9	88.9
IVM 700 600	62.2	83.0	86.0	87.6	88.5	88.6	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.3	89.4
IVM 500 400	62.3	83.2	86.4	88.0	88.9	89.0	89.5	89.5	89.5	89.6	89.6	89.6	89.7	89.7	89.8	89.8
IVM 300 200	62.4	83.8	87.1	88.8	89.8	89.9	90.4	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.7	90.8
IVM 100 0	62.4	84.5	88.0	89.8	90.8	90.9	91.4	91.4	91.4	91.5	91.5	91.5	91.6	91.6	91.7	91.7
IVM 0	63.4	86.0	89.6	91.5	92.4	92.6	93.0	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.3	93.4
IVM 0	63.6	87.0	90.6	92.4	93.4	93.5	94.0	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.3	94.3
IVM 0	63.8	87.4	91.0	92.9	93.8	94.0	94.5	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.8	94.9
IVM 0	64.0	88.0	91.7	93.5	94.5	94.6	95.2	95.2	95.2	95.4	95.4	95.4	95.5	95.5	95.6	95.6
IVM 0	64.1	88.3	92.2	94.1	95.2	95.4	95.9	95.9	95.9	96.0	96.0	96.1	96.2	96.2	96.3	96.4
IVM 0	64.2	88.5	92.6	94.6	95.7	95.9	96.4	96.4	96.4	96.5	96.5	96.6	96.7	96.7	96.8	96.9
IVM 0	64.2	88.8	93.1	95.2	96.4	96.5	97.1	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.5	97.5
IVM 0	64.2	89.2	93.6	95.7	97.0	97.1	97.7	97.7	97.7	97.8	97.8	97.9	98.0	98.0	98.1	98.2
IVM 0	64.4	89.2	93.9	96.1	97.3	97.5	98.3	98.3	98.3	98.4	98.4	98.5	98.7	98.7	98.8	98.9
IVM 0	64.4	89.2	93.9	96.1	97.4	97.5	98.5	98.5	98.5	98.8	98.8	99.0	99.2	99.2	99.3	99.5
IVM 0	64.4	89.2	93.9	96.1	97.4	97.5	98.5	98.5	98.5	98.8	98.8	99.0	99.3	99.3	99.5	99.8
IVM 0	64.4	89.2	93.9	96.1	97.4	97.5	98.5	98.5	98.5	99.0	99.2	99.2	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1980

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1974 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70 YEARS SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0380-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.6	56.4	60.8	63.5	63.7	66.2	67.4	67.7	67.8	68.6	68.8	68.8	69.4	69.4	69.6	69.7
≥ 20000	40.0	60.2	65.1	68.0	70.4	71.0	72.2	72.5	72.6	73.4	73.6	73.6	74.2	74.2	74.4	74.5
IVN 18000	40.0	60.3	65.1	68.0	70.5	71.0	72.3	72.5	72.6	73.4	73.6	73.6	74.2	74.3	74.4	74.5
16000	40.2	60.5	65.4	68.3	70.9	71.4	72.7	72.9	73.0	73.8	74.0	74.0	74.6	74.7	74.8	74.9
IVN 14000	40.9	61.6	66.5	69.4	72.0	72.6	73.8	74.1	74.2	75.0	75.2	75.2	75.8	75.9	76.0	76.1
12000	41.1	62.4	67.5	70.5	73.1	73.6	74.9	75.2	75.3	76.1	76.3	76.3	76.9	76.9	77.1	77.2
IVN 10000	41.6	63.7	68.9	72.2	74.7	75.3	76.6	76.9	77.0	77.8	78.0	78.0	78.6	78.6	78.8	78.9
9000	41.8	63.9	69.1	72.4	74.9	75.5	76.8	77.2	77.3	78.1	78.3	78.3	78.9	78.9	79.1	79.2
IVN 8000	42.2	65.3	70.5	73.9	76.5	77.0	78.4	78.7	78.8	79.6	79.8	79.8	80.4	80.5	80.7	80.8
7000	42.4	65.8	71.1	74.5	77.1	77.7	79.0	79.2	79.4	80.2	80.5	80.5	81.1	81.1	81.3	81.4
IVN 6000	42.6	66.0	71.3	74.7	77.3	77.9	79.2	79.5	79.6	80.5	80.7	80.7	81.3	81.3	81.5	81.6
5000	42.7	66.2	71.5	74.9	77.6	78.1	79.3	79.8	79.9	80.8	81.0	81.0	81.6	81.6	81.8	81.9
IVN 4500	42.8	66.5	71.9	75.4	78.0	78.6	80.0	80.3	80.4	81.2	81.4	81.4	82.0	82.1	82.3	82.4
4000	43.0	66.7	72.1	75.6	78.3	78.9	80.3	80.6	80.7	81.5	81.7	81.7	82.2	82.4	82.6	82.7
IVN 3500	43.0	66.8	72.2	75.8	78.5	79.0	80.5	80.8	80.9	81.7	81.9	81.9	82.5	82.5	82.7	82.8
3000	43.1	67.0	72.5	76.0	78.7	79.3	80.7	81.0	81.1	81.9	82.2	82.2	82.8	82.8	83.0	83.1
IVN 2500	43.2	67.5	73.1	76.7	79.4	79.9	81.4	81.7	81.8	82.6	82.8	82.8	83.4	83.5	83.7	83.8
2000	43.7	68.4	74.1	77.8	80.6	81.2	82.6	82.9	83.0	83.8	84.0	84.0	84.6	84.7	84.9	85.1
IVN 1800	43.7	68.5	74.1	77.8	80.7	81.2	82.6	82.9	83.0	83.8	84.1	84.1	84.7	84.7	84.9	85.1
1500	44.1	69.7	75.5	79.2	82.0	82.6	84.0	84.3	84.4	85.2	85.5	85.5	86.1	86.2	86.4	86.5
IVN 1200	44.7	71.0	76.9	80.7	83.6	84.2	85.7	86.0	86.1	86.9	87.1	87.1	87.7	87.8	88.0	88.1
1000	44.9	71.6	77.8	81.6	84.6	85.2	86.7	87.0	87.1	87.9	88.2	88.2	88.8	88.8	89.0	89.2
IVN 900	45.1	72.2	78.4	82.3	85.4	86.0	87.5	87.8	87.9	88.7	89.0	89.0	89.6	89.6	89.8	90.0
800	45.2	72.7	79.1	83.0	86.1	86.7	88.2	88.6	88.7	89.5	89.7	89.7	90.4	90.4	90.6	90.8
IVN 700	45.3	73.4	79.9	83.9	87.3	87.9	89.5	89.9	90.0	90.8	91.1	91.1	91.7	91.8	92.0	92.1
600	45.5	73.9	80.7	84.7	88.2	88.8	90.5	90.9	90.9	91.8	92.1	92.1	92.7	92.8	93.0	93.1
IVN 500	45.6	74.7	81.6	85.8	89.3	90.3	92.1	92.4	92.5	93.4	93.7	93.7	94.4	94.5	94.7	94.8
400	45.9	75.3	82.3	86.5	90.5	91.2	93.1	93.4	93.5	94.3	94.7	94.7	95.4	95.4	95.6	95.7
IVN 300	45.9	75.5	82.7	86.9	91.2	91.9	93.8	94.1	94.4	94.5	95.5	95.9	95.9	96.7	96.8	97.1
200	46.0	75.8	82.8	87.1	91.4	92.1	94.0	94.3	94.6	95.1	96.2	96.9	96.9	97.7	97.8	98.1
IVN 100	46.0	75.6	82.8	87.1	91.4	92.1	94.0	94.3	94.6	95.1	96.2	96.9	96.9	97.7	97.8	98.1
0	46.0	75.6	82.8	87.1	91.4	92.1	94.0	94.3	94.6	95.1	96.2	96.9	96.9	97.7	97.8	98.1

TOTAL NUMBER OF OBSERVATIONS 1900

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70 YEARS SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0600

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	21.1	30.4	44.9	48.6	52.1	52.7	55.4	56.9	57.3	58.3	58.7	58.7	59.1	59.1	59.3	59.5
IV 18000 16000	23.1	42.7	49.9	53.8	57.8	58.5	61.3	63.1	63.5	64.5	64.9	64.9	65.4	65.4	65.6	65.8
IV 14000 12000	23.1	42.8	50.1	54.0	58.0	58.7	61.7	63.3	63.7	64.8	65.2	65.2	65.6	65.6	65.8	66.1
IV 10000 9000	24.3	45.4	53.0	57.1	61.2	62.0	65.2	66.8	67.2	68.2	68.6	68.6	69.0	69.0	69.3	69.5
IV 8000 7000	25.0	46.9	54.7	59.1	63.4	64.2	67.4	69.0	69.5	70.6	71.0	71.0	71.4	71.4	71.6	71.9
IV 6000 5000	25.6	48.0	56.1	60.7	65.2	66.1	69.3	71.1	71.5	72.6	73.0	73.0	73.4	73.4	73.7	73.9
IV 4500 4000	26.1	49.0	57.7	62.4	67.0	67.9	71.1	72.9	73.3	74.4	74.8	74.8	75.3	75.3	75.3	75.8
IV 3500 3000	26.2	49.2	57.9	62.7	67.3	68.2	71.3	73.2	73.7	74.8	75.2	75.2	75.6	75.6	75.9	76.1
IV 2500 2000	26.3	49.4	58.1	62.9	67.6	68.5	71.6	73.5	74.0	75.1	75.5	75.5	75.9	75.9	76.2	76.4
IV 1800 1500	26.4	49.5	58.2	63.0	67.7	68.6	71.8	73.6	74.1	75.2	75.6	75.6	76.0	76.0	76.3	76.5
IV 1200 1000	26.5	49.8	58.6	63.4	68.2	69.1	72.4	74.1	74.6	75.7	76.1	76.1	76.5	76.5	76.8	77.0
IV 900 800	26.6	49.9	58.7	63.6	68.4	69.3	72.6	74.3	74.8	75.9	76.4	76.4	76.8	76.8	77.1	77.3
IV 700 600	26.6	50.1	58.9	63.8	68.7	69.6	72.9	74.7	75.2	76.3	76.8	76.8	77.2	77.2	77.4	77.7
IV 500 400	26.8	50.4	59.5	64.5	69.5	70.4	73.7	75.5	76.0	77.1	77.6	77.6	78.0	78.0	78.3	78.5
IV 300 200	26.9	50.8	59.8	64.8	69.7	70.7	73.9	75.8	76.2	77.4	77.9	77.9	78.3	78.3	78.3	78.8
IV 100 0	27.1	51.5	60.7	65.7	70.6	71.5	74.8	76.6	77.1	78.2	78.7	78.7	79.1	79.1	79.4	79.6
IV 0	27.5	52.4	61.8	66.8	71.8	72.7	76.0	77.8	78.2	79.4	79.9	79.9	80.3	80.3	80.6	80.8
	27.9	53.2	62.3	68.6	73.6	74.5	77.8	79.7	80.2	81.3	81.8	81.8	82.3	82.3	82.6	82.9
	28.1	54.3	63.7	69.1	74.2	75.2	78.5	80.4	80.9	82.1	82.6	82.6	83.1	83.1	83.4	83.7
	28.4	54.8	64.5	69.7	75.1	76.0	79.5	81.5	82.0	83.2	83.7	83.7	84.2	84.2	84.6	84.9
	28.6	55.7	65.5	71.1	76.5	77.4	81.0	83.0	83.5	84.8	85.4	85.4	85.9	85.9	86.3	86.6
	28.7	56.9	67.5	72.5	78.1	79.0	82.7	84.8	85.3	86.6	87.1	87.1	87.6	87.6	88.1	88.4
	28.9	57.5	68.2	74.6	81.1	82.3	86.6	89.1	89.6	91.4	92.2	92.3	92.8	92.8	93.4	93.7
	28.9	57.9	68.8	75.2	81.9	83.1	87.6	90.2	90.8	92.9	93.8	93.9	94.7	94.8	95.4	95.8
	28.9	57.9	68.9	75.5	82.0	83.2	87.8	90.6	91.2	93.6	94.9	95.1	96.2	96.6	97.2	97.8
	28.9	57.9	68.9	75.5	82.0	83.2	87.8	90.6	91.2	93.8	95.2	95.3	96.7	97.1	97.9	98.5
	28.9	57.9	68.9	75.5	82.0	83.2	87.8	90.6	91.2	93.8	95.3	95.4	96.8	97.2	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1940

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1980 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45-52-70 SEP 80

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	39.7	54.8	56.3	56.8	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IVV 18000	43.9	61.4	63.1	63.7	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IVV 16000	44.1	61.6	63.2	63.8	64.0	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IVV 14000	44.2	61.7	63.4	64.0	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IVV 12000	45.0	63.3	65.0	65.7	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IVV 10000	46.0	64.8	66.6	67.4	67.7	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IVV 9000	47.3	66.5	68.6	69.5	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IVV 8000	47.7	67.1	69.3	70.2	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IVV 7000	48.2	68.7	70.9	71.8	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IVV 6000	48.6	69.2	71.4	72.3	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IVV 5000	48.7	69.5	71.7	72.7	73.0	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IVV 4500	48.8	69.6	71.9	72.9	73.3	73.3	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IVV 4000	49.1	69.9	72.2	73.2	73.6	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IVV 3500	49.4	70.4	72.7	73.7	74.1	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IVV 3000	49.8	71.1	73.4	74.4	74.8	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IVV 2500	50.8	72.2	74.5	75.6	76.0	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IVV 2000	52.2	73.8	76.2	77.3	77.7	77.7	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IVV 1800	54.3	76.9	79.4	80.5	80.9	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IVV 1500	55.1	77.9	80.5	81.5	81.9	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IVV 1200	57.1	80.7	82.4	83.5	83.9	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IVV 1000	58.3	82.2	84.1	85.4	85.8	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IVV 900	59.2	83.2	85.1	86.5	87.0	87.0	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IVV 800	59.6	83.3	85.4	87.0	87.6	87.6	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IVV 700	60.1	83.6	85.9	87.6	88.2	88.2	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IVV 600	60.4	83.9	86.2	88.0	88.7	88.7	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IVV 500	60.7	84.0	86.6	88.5	89.3	89.3	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IVV 400	60.7	84.2	87.0	89.0	89.8	89.8	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IVV 300	60.7	84.4	87.4	89.5	90.4	90.4	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IVV 200	60.7	84.4	87.4	89.6	90.5	90.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IVV 100	60.7	84.4	87.4	89.6	90.6	90.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IVV 0	60.7	84.4	87.4	89.6	90.6	90.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9

TOTAL NUMBER OF OBSERVATIONS 1980

020

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~13874~~ ENGLAND AFB LOUISIANA/ALEXANDRIA ~~43-45-52-70~~ YEARS

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	47.6	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 20000	55.0	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 18000	56.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 16000	56.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 14000	57.4	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 12000	58.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 10000	60.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 9000	60.8	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 8000	61.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 7000	61.6	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 6000	61.9	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 5000	62.4	73.2	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 4500	62.7	73.7	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 4000	65.0	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 3500	67.1	78.7	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 3000	69.5	81.8	82.1	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 2500	72.9	86.0	86.3	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 2000	75.4	89.8	89.9	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 1800	75.9	90.6	91.0	91.4	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1500	77.2	92.4	93.0	93.5	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1200	77.8	94.1	94.8	95.4	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1000	78.0	95.2	96.0	96.6	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4
IV 900	78.1	95.4	96.2	96.8	97.3	97.3	97.4	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
IV 800	78.2	95.7	96.4	97.2	97.9	97.9	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3
IV 700	78.3	95.8	96.7	97.4	98.1	98.1	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	78.4	96.0	97.0	97.7	98.4	98.4	98.6	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	78.4	96.2	97.2	97.9	98.7	98.7	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	78.4	96.2	97.3	98.0	98.9	98.9	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	78.4	96.2	97.3	98.1	99.0	99.0	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	78.4	96.2	97.3	98.1	99.0	99.0	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	78.4	96.2	97.3	98.1	99.0	99.0	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0
IV 0	78.4	96.2	97.3	98.1	99.0	99.0	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1980

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

139.14 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45-52-70 YEARS SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.2	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 20000	62.2	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 18000	62.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 16000	63.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 14000	64.2	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 12000	65.7	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 10000	68.4	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 9000	69.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 8000	71.1	79.8	79.9	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 7000	71.6	80.7	80.8	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 6000	72.0	81.4	81.6	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 5000	72.6	82.5	82.7	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 4500	73.1	83.0	83.2	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 4000	74.4	84.7	84.9	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 3500	75.4	86.0	86.2	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 3000	77.2	88.6	88.9	89.4	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 2500	78.3	90.1	90.5	91.0	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 2000	79.4	91.9	92.3	92.8	93.3	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1800	79.6	92.1	92.6	93.4	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1500	79.9	92.1	92.8	94.7	95.1	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1200	80.4	94.2	94.9	95.8	96.1	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1000	80.6	94.8	95.9	96.8	97.2	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 900	80.6	95.1	96.2	97.2	97.7	97.7	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 800	80.7	95.2	96.4	97.4	98.0	98.0	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	80.8	95.4	96.6	97.6	98.3	98.4	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	80.8	95.5	96.8	97.9	98.6	98.7	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	80.8	95.7	96.9	98.1	98.9	98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	80.8	95.7	97.0	98.1	99.0	99.0	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	80.8	95.7	97.0	98.1	99.0	99.0	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	80.8	95.7	97.0	98.1	99.0	99.0	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	80.8	95.7	97.0	98.1	99.0	99.0	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	80.8	95.7	97.0	98.1	99.0	99.0	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1940

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13M84 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70 YEARS SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1000-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 2000	51.3	57.5	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 18000 16000	62.9	72.9	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 14000 12000	63.6	73.0	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 10000 9000	65.6	70.3	77.1	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 8000 7000	67.6	79.1	79.9	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 6000 5000	68.0	79.9	80.9	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 4500 4000	69.2	81.8	82.8	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 3500 3000	69.7	82.3	83.9	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 2500 2000	70.1	83.8	85.0	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 1800 1500	70.4	84.4	85.7	86.0	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 1200 1000	70.5	85.1	86.4	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 900 800	71.4	86.6	87.9	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 700 600	71.8	87.3	88.7	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 500 400	72.4	88.4	89.8	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 300 200	72.7	89.2	90.8	91.4	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 100 0	72.8	91.0	92.6	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1000 800	73.9	91.3	93.0	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 600 500	74.1	92.0	93.7	94.5	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 400 300	74.2	92.7	94.4	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 200 100	74.8	93.7	95.6	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 100 0	74.8	94.0	95.9	96.8	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 800 700	74.8	94.2	96.1	97.0	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 600 500	74.8	94.6	96.6	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 400 300	74.8	94.7	96.7	97.6	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 200 100	74.8	94.8	96.8	97.8	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 100 0	74.8	94.9	97.0	98.0	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800 700	74.8	94.9	97.1	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600 500	74.8	94.9	97.1	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 400 300	74.8	94.9	97.1	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 200 100	74.8	94.9	97.1	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 100 0	74.8	94.9	97.1	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 1940

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13834 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.2	69.7	70.3	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 20000	65.9	79.7	80.4	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 18000	66.2	80.0	80.7	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 16000	66.5	80.4	81.2	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 14000	67.0	81.2	82.0	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 12000	67.3	82.1	83.0	83.5	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 10000	68.1	83.5	84.7	85.2	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 9000	68.2	83.9	85.2	85.6	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 8000	68.4	84.4	85.8	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 7000	68.6	85.2	86.6	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 6000	69.0	85.9	87.3	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 5000	69.0	86.1	87.7	88.2	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 4500	69.1	86.3	87.8	88.4	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 4000	69.5	87.0	88.6	89.2	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 3500	69.8	87.8	89.7	90.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 3000	69.8	87.8	89.7	90.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 2500	70.1	88.4	90.3	91.3	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 2000	70.7	89.8	91.7	92.6	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1800	70.8	89.7	91.9	92.8	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1500	71.2	90.4	92.8	93.8	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1200	71.7	91.7	93.9	94.9	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1000	71.8	92.2	94.5	95.6	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 900	71.8	92.4	94.6	95.7	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 800	71.9	92.8	95.0	96.2	96.7	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 700	72.1	93.4	95.9	97.0	97.7	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 600	72.1	93.5	96.1	97.2	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	72.2	93.6	96.2	97.4	98.2	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 400	72.2	93.8	96.5	97.7	98.6	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	72.2	93.9	96.6	97.9	98.8	98.8	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	72.2	93.9	96.6	97.9	98.8	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	72.2	93.9	96.6	97.9	98.8	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	72.2	93.9	96.6	97.9	98.8	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1979

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13824 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45-52-70

YEARS

BCI

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	45.9	67.6	70.3	71.4	73.3	73.5	73.9	74.0	74.0	74.6	74.8	74.8	75.2	75.2	75.3	75.5
IV 18000 16000	47.7	70.4	73.3	74.5	76.4	76.6	77.0	77.1	77.1	77.7	77.9	77.9	78.2	78.3	78.4	78.6
IV 14000 12000	48.6	70.9	73.7	75.0	76.9	77.1	77.3	77.6	77.6	78.2	78.4	78.4	78.7	78.8	78.9	79.1
IV 10000 9000	49.1	72.3	75.2	76.5	78.6	78.7	79.2	79.3	79.3	79.9	80.1	80.1	80.4	80.5	80.6	80.8
IV 8000 7000	50.3	74.3	77.2	78.5	80.7	80.8	81.3	81.4	81.4	82.0	82.0	82.2	82.5	82.6	82.7	82.9
IV 6000 5000	50.6	74.7	77.6	78.9	81.1	81.3	81.8	81.9	81.9	82.4	82.6	82.6	83.0	83.0	83.1	83.3
IV 4500 4000	51.7	76.4	79.4	80.7	83.0	83.2	83.7	83.8	83.8	84.4	84.6	84.6	85.0	85.0	85.1	85.3
IV 3500 3000	52.4	77.3	80.5	81.9	84.2	84.4	84.8	84.9	84.9	85.6	85.8	85.8	86.2	86.2	86.3	86.5
IV 2500 2000	52.9	78.1	81.2	82.5	84.9	85.0	85.3	85.6	85.6	86.3	86.5	86.5	86.8	86.9	87.0	87.2
IV 1800 1500	53.2	78.6	81.7	83.1	85.5	85.6	86.1	86.2	86.2	86.9	87.1	87.1	87.4	87.5	87.6	87.8
IV 1200 1000	53.4	79.1	82.2	83.6	86.0	86.1	86.6	86.7	86.7	87.4	87.6	87.6	87.9	88.0	88.1	88.3
IV 900 800	53.6	79.5	82.6	84.0	86.4	86.6	87.0	87.1	87.1	87.8	88.0	88.0	88.4	88.4	88.5	88.7
IV 700 600	54.2	80.3	83.5	85.0	87.4	87.5	88.0	88.2	88.2	88.9	89.0	89.0	89.4	89.4	89.5	89.7
IV 500 400	54.3	80.7	83.9	85.4	87.8	87.9	88.4	88.6	88.6	89.2	89.4	89.4	89.8	89.8	89.9	90.1
IV 300 200	54.7	81.2	84.6	86.3	88.7	88.9	89.4	89.5	89.6	90.3	90.5	90.5	90.8	90.8	90.9	91.0
IV 100 0	54.9	81.5	84.9	86.6	89.0	89.1	89.7	89.8	89.9	90.6	90.8	90.8	91.1	91.1	91.2	91.4
	55.2	82.0	85.3	87.0	89.5	89.6	90.1	90.2	90.3	91.0	91.2	91.2	91.5	91.5	91.6	91.8
	55.6	83.8	87.2	89.0	91.6	91.8	92.3	92.7	92.7	93.4	93.6	93.6	94.0	94.0	94.1	94.3
	55.8	84.3	88.0	89.8	92.5	92.6	93.1	93.3	93.3	94.0	94.2	94.2	94.5	94.5	94.6	94.8
	56.0	84.6	88.3	90.1	92.8	92.9	93.4	93.6	93.6	94.3	94.5	94.5	94.8	94.8	95.1	95.2
	56.2	84.9	88.6	90.4	93.1	93.2	93.7	93.9	93.9	94.6	94.8	94.8	95.1	95.1	95.2	95.4
	56.3	85.5	89.4	91.4	94.1	94.2	94.7	94.9	94.9	95.6	95.7	95.7	96.0	96.0	96.2	96.3
	56.5	85.8	89.7	91.7	94.4	94.5	95.0	95.2	95.2	95.9	96.1	96.1	96.4	96.4	96.6	96.7
	56.5	86.1	90.7	92.7	95.6	95.7	96.2	96.4	96.4	97.1	97.2	97.2	97.5	97.5	97.7	97.8
	56.5	86.3	90.9	93.2	96.1	96.3	96.8	97.0	97.0	97.7	97.8	97.8	98.1	98.1	98.2	98.4
	56.5	86.4	91.0	93.3	96.2	96.3	96.8	97.0	97.0	97.7	97.8	97.8	98.1	98.1	98.2	98.4
	56.5	86.4	91.0	93.3	96.2	96.3	96.8	97.0	97.0	97.7	97.8	97.8	98.1	98.1	98.2	98.4
	56.5	86.4	91.0	93.3	96.2	96.3	96.8	97.0	97.0	97.7	97.8	97.8	98.1	98.1	98.2	98.4

TOTAL NUMBER OF OBSERVATIONS 2045

0  
2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

~~13824~~ ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70

YEARS

36T

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING N 20000	33.2	53.8	58.2	62.0	65.6	65.9	68.0	68.7	68.8	69.7	70.1	70.1	71.0	71.1	71.5	71.0
IV 18000 16000	34.5	56.1	60.8	64.7	68.4	68.7	70.7	71.4	71.5	72.5	72.8	72.8	73.8	73.9	74.3	74.7
IV 14000 12000	34.5	56.1	60.8	64.8	68.4	68.7	70.8	71.5	71.6	72.5	72.9	72.9	73.9	73.9	74.3	74.7
IV 10000 9000	34.8	56.5	61.1	65.1	68.8	69.1	71.1	71.8	71.9	72.9	73.2	73.2	74.2	74.2	74.7	75.1
IV 8000 7000	35.1	57.1	61.8	65.9	69.6	69.8	71.9	72.6	72.7	73.7	74.0	74.0	75.0	75.0	75.5	75.9
IV 6000 5000	36.5	59.0	63.8	68.1	71.7	72.1	74.1	74.8	74.9	75.9	76.2	76.2	77.2	77.3	77.9	78.3
IV 4500 4000	36.8	59.4	64.2	68.6	72.4	72.7	74.8	75.5	75.6	76.5	76.9	76.9	77.9	77.9	78.5	78.9
IV 3500 3000	37.5	60.9	65.7	70.2	74.2	74.6	76.6	77.3	77.4	78.4	78.7	78.7	79.8	79.8	80.4	80.8
IV 2500 2000	37.7	61.2	66.1	70.6	74.6	75.0	77.0	77.7	77.8	78.8	79.1	79.1	80.2	80.2	80.8	81.2
IV 1800 1500	37.8	61.5	66.5	71.0	75.0	75.4	77.4	78.1	78.2	79.2	79.5	79.5	80.5	80.6	81.2	81.6
IV 1200 1000	38.0	61.7	66.7	71.2	75.2	75.6	77.6	78.3	78.4	79.4	79.7	79.7	80.7	80.8	81.4	81.8
IV 900 800	38.5	62.8	67.8	72.2	76.3	76.7	78.7	79.4	79.5	80.5	80.8	80.8	81.9	81.9	82.5	82.9
IV 700 600	39.1	63.2	68.2	72.6	76.8	77.1	79.2	79.9	80.0	80.9	81.3	81.3	82.3	82.4	82.9	83.3
IV 500 400	39.4	64.0	69.0	73.5	77.6	78.0	80.0	80.7	80.8	81.8	82.2	82.3	83.3	83.3	83.9	84.3
IV 300 200	39.6	64.3	69.3	73.9	78.1	78.4	80.4	81.1	81.2	82.2	82.7	82.7	83.7	83.8	84.4	84.8
IV 100 0	40.2	65.5	70.7	75.3	79.5	79.8	81.8	82.6	82.7	83.7	84.2	84.2	85.2	85.2	85.8	86.2
IV 0	40.3	65.9	71.1	75.7	79.9	80.3	82.3	83.0	83.1	84.1	84.6	84.6	85.6	85.7	86.3	86.7
	40.4	66.3	71.6	76.2	80.5	81.0	83.1	83.8	83.9	84.9	85.4	85.4	86.5	86.5	87.1	87.5
	40.8	67.4	72.9	77.5	82.0	82.5	84.6	85.2	85.3	86.4	86.9	86.9	87.9	88.0	88.6	89.0
	41.0	67.9	73.4	78.2	82.7	83.1	85.3	86.0	86.1	87.2	87.7	87.7	88.8	88.8	89.4	89.8
	41.1	68.3	73.8	78.6	83.2	83.6	85.9	86.6	86.7	87.8	88.3	88.3	89.3	89.4	90.0	90.4
	41.2	68.0	74.5	79.5	84.1	84.5	86.8	87.5	87.6	88.7	89.2	89.2	90.3	90.3	90.9	91.3
	41.4	69.5	75.0	80.0	84.6	85.0	87.3	88.0	88.1	89.4	89.9	89.9	91.0	91.0	91.6	92.0
	41.7	70.4	76.2	81.4	86.3	86.9	89.2	90.0	90.1	91.4	91.9	91.9	93.1	93.1	93.7	94.1
	41.8	70.8	76.9	82.2	87.1	87.7	90.5	91.3	91.4	92.8	93.5	93.5	94.6	94.7	95.3	95.7
	41.8	71.0	77.2	82.5	87.5	88.1	91.2	92.1	92.2	93.6	94.3	94.3	95.5	95.5	96.1	96.4
	41.8	71.0	77.2	82.5	87.5	88.3	91.5	92.5	92.6	94.1	94.8	94.9	96.0	96.0	96.7	97.1
	41.8	71.0	77.2	82.5	87.7	88.4	91.8	92.8	92.9	94.5	95.3	95.4	96.9	97.0	98.1	98.2
	41.8	71.0	77.2	82.5	87.7	88.4	91.8	92.8	92.9	94.5	95.3	95.4	96.9	97.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2046

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13834 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70 YEARS 867

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0688-9100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.0	37.3	42.9	46.7	50.9	51.4	53.6	55.0	55.2	56.8	57.6	57.6	58.9	59.1	60.3	61.2
≥ 20000	23.5	40.5	46.6	50.6	55.0	55.5	57.0	59.5	59.8	61.6	62.5	62.6	64.1	64.3	65.5	66.6
IVM 18000	23.5	40.6	46.7	50.7	55.0	55.6	58.0	59.6	59.9	61.6	62.6	62.6	64.1	64.3	65.6	66.6
IVM 16000	23.6	40.6	46.7	50.7	55.1	55.6	58.0	59.6	59.9	61.7	62.6	62.7	64.2	64.4	65.6	66.7
IVM 14000	23.9	41.2	47.3	51.4	55.5	56.3	58.7	60.4	60.7	62.5	63.4	63.4	65.0	65.2	66.5	67.5
IVM 12000	24.9	42.8	49.0	53.1	57.3	58.1	60.7	62.4	62.8	64.5	65.5	65.5	67.2	67.4	68.6	69.7
IVM 10000	25.7	44.3	50.5	54.8	59.4	60.0	62.6	64.4	64.8	66.7	67.6	67.7	69.4	69.6	70.8	71.9
IVM 9000	25.9	44.7	51.0	55.3	60.0	60.6	63.2	65.1	65.4	67.3	68.3	68.3	70.0	70.2	71.5	72.6
IVM 8000	26.0	46.3	52.9	57.2	61.9	62.5	65.2	67.1	67.4	69.4	70.3	70.3	72.0	72.2	73.6	74.7
IVM 7000	27.1	46.7	53.4	57.7	62.5	63.0	65.8	67.7	68.1	70.0	71.1	71.1	72.8	73.0	74.4	75.4
IVM 6000	27.4	47.1	54.0	58.3	63.0	63.7	66.5	68.4	68.8	70.7	71.7	71.8	73.5	73.7	75.0	76.1
IVM 5000	27.9	47.7	54.6	58.9	63.7	64.3	67.1	69.1	69.4	71.4	72.4	72.4	74.1	74.3	75.7	76.8
IVM 4500	28.0	47.9	54.8	59.1	64.0	64.6	67.4	69.4	69.7	71.7	72.7	72.7	74.4	74.6	76.0	77.1
IVM 4000	28.1	48.2	55.1	59.4	64.3	64.9	67.7	69.6	70.0	71.9	73.0	73.0	74.7	74.9	76.3	77.4
IVM 3500	28.4	48.9	55.9	60.2	65.1	65.7	68.5	70.5	70.8	72.8	73.9	73.9	75.7	75.9	77.2	78.3
IVM 3000	28.7	49.5	56.5	60.9	65.8	66.5	69.3	71.4	71.7	73.8	74.9	74.9	76.6	76.8	78.2	79.3
IVM 2500	28.9	50.1	57.2	61.7	66.7	67.3	70.2	72.2	72.6	74.6	75.8	75.8	77.5	77.7	79.1	80.2
IVM 2000	29.4	50.8	58.1	62.7	67.7	68.3	71.3	73.3	73.7	75.8	77.0	77.0	78.7	78.9	80.3	81.4
IVM 1800	29.6	51.2	58.6	63.1	68.1	68.8	71.7	73.8	74.1	76.2	77.4	77.5	79.2	79.4	80.7	81.9
IVM 1500	29.8	52.0	59.4	64.0	69.0	69.6	72.7	74.7	75.0	77.2	78.3	78.4	80.1	80.3	81.7	82.8
IVM 1200	30.0	52.6	60.3	65.0	70.1	70.7	73.8	75.8	76.1	78.3	79.5	79.5	81.2	81.4	82.8	83.9
IVM 1000	30.2	53.5	61.5	66.3	71.4	72.0	75.1	77.1	77.4	79.6	80.8	80.8	82.6	82.7	84.1	85.2
IVM 900	30.4	54.0	62.1	67.0	72.1	72.8	75.9	77.9	78.3	80.5	81.7	81.8	83.5	83.7	85.0	86.2
IVM 800	30.6	54.6	62.8	67.9	73.1	73.8	76.9	78.9	79.3	81.6	82.8	82.9	84.6	84.8	86.2	87.4
IVM 700	30.7	55.3	63.4	68.7	73.9	74.5	77.9	80.0	80.4	82.6	83.9	83.9	85.6	85.8	87.2	88.4
IVM 600	30.8	55.7	64.1	69.4	74.9	75.6	79.0	81.1	81.5	83.8	85.0	85.1	86.8	87.0	88.4	89.6
IVM 500	30.8	56.3	65.0	70.7	76.1	76.9	80.6	82.9	83.4	85.8	87.1	87.1	88.9	89.1	90.4	91.7
IVM 400	30.9	56.7	65.3	71.5	77.2	78.1	82.0	84.4	84.9	87.4	88.9	88.9	90.8	91.0	92.4	93.6
IVM 300	30.9	56.7	65.6	71.5	77.3	78.3	82.2	84.8	85.5	88.3	89.9	90.0	92.1	92.3	93.8	95.1
IVM 200	30.9	56.7	65.6	71.6	77.4	78.3	82.2	85.0	85.7	88.8	90.5	90.4	92.7	92.9	94.4	95.7
IVM 100	30.9	56.7	65.6	71.7	77.4	78.3	82.3	85.1	85.8	88.9	90.6	90.7	93.0	93.4	94.8	96.4
IVM 0	30.9	56.7	65.6	71.7	77.4	78.3	82.3	85.1	85.8	88.9	90.7	90.8	93.1	93.5	95.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2046

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

1984 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45-52-70 YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	38.6	56.5	59.6	60.7	61.6	61.8	62.1	62.4	62.4	62.6	62.8	62.8	62.9	62.9	62.9	63.0
IVV 18000 16000	42.0	62.4	63.9	67.2	68.3	68.3	68.6	69.1	69.1	69.3	69.3	69.3	69.6	69.6	69.7	69.7
IVV 14000 12000	42.2	62.7	66.1	67.5	68.6	68.8	69.1	69.4	69.4	69.6	69.7	69.8	69.9	69.9	69.9	70.0
IVV 10000 9000	43.0	65.1	68.7	70.1	71.2	71.3	71.8	72.1	72.1	72.3	72.5	72.5	72.6	72.7	72.7	72.7
IVV 8000 7000	45.1	67.4	71.2	72.8	73.9	74.3	74.6	74.9	74.9	75.1	75.3	75.3	75.4	75.5	75.5	75.5
IVV 6000 5000	45.2	67.5	71.4	73.0	74.1	74.3	74.8	75.1	75.1	75.3	75.5	75.5	75.6	75.7	75.7	75.7
IVV 4500 4000	45.8	68.8	72.7	74.3	75.5	75.9	76.2	76.5	76.5	76.7	76.9	76.9	77.0	77.1	77.1	77.1
IVV 3500 3000	45.9	69.4	73.4	75.0	76.1	76.3	76.6	77.2	77.3	77.5	77.6	77.7	77.8	77.8	77.8	77.9
IVV 2500 2000	46.1	69.9	73.9	75.6	76.7	77.1	77.6	77.9	78.0	78.2	78.3	78.3	78.4	78.5	78.5	78.5
IVV 1800 1500	46.5	70.6	74.6	76.3	77.4	77.8	78.2	78.6	78.7	78.9	79.0	79.1	79.2	79.2	79.2	79.3
IVV 1200 1000	46.5	70.7	74.9	76.5	77.7	78.1	78.5	78.9	78.9	79.1	79.3	79.3	79.4	79.5	79.5	79.5
IVV 900 800	46.7	71.0	75.2	76.9	78.1	78.4	78.9	79.3	79.3	79.5	79.7	79.7	79.8	79.9	79.9	79.9
IVV 700 600	47.0	71.4	75.7	77.4	78.6	79.0	79.5	79.8	79.9	80.1	80.2	80.3	80.4	80.4	80.4	80.4
IVV 500 400	48.0	73.0	77.5	79.2	80.4	80.8	81.4	81.6	81.7	81.9	82.0	82.1	82.2	82.2	82.2	82.3
IVV 300 200	49.3	74.6	79.1	80.8	82.1	82.5	83.0	83.4	83.4	83.6	83.8	83.8	83.9	84.0	84.0	84.0
IVV 100 0	50.1	75.8	80.4	82.3	83.6	84.0	84.7	85.1	85.1	85.4	85.5	85.6	85.7	85.7	85.7	85.8
	50.4	76.2	81.0	82.9	84.2	84.6	85.2	85.7	85.7	86.0	86.1	86.2	86.3	86.3	86.3	86.4
	51.4	78.2	83.2	85.1	86.5	86.9	87.5	87.9	88.0	88.3	88.4	88.5	88.6	88.6	88.6	88.7
	52.4	80.2	85.2	87.1	88.5	88.9	89.6	90.0	90.1	90.4	90.5	90.6	90.7	90.7	90.7	90.8
	53.0	81.2	86.4	88.3	89.7	90.1	90.8	91.3	91.3	91.6	91.8	91.9	92.0	92.0	92.0	92.1
	53.2	82.0	87.2	89.1	90.6	91.0	91.7	92.2	92.2	92.6	92.8	92.8	92.9	93.0	93.0	93.0
	53.4	82.6	88.1	90.0	91.5	91.9	92.7	93.2	93.3	93.6	93.8	93.8	93.9	94.0	94.0	94.0
	53.6	83.0	88.7	90.7	92.3	92.7	93.5	94.0	94.1	94.4	94.6	94.7	94.8	94.9	94.9	94.9
	53.7	83.5	89.6	91.7	93.5	93.8	94.8	95.3	95.4	95.7	95.9	96.0	96.1	96.2	96.2	96.2
	53.8	83.9	90.3	92.5	94.6	95.0	96.3	96.8	96.9	97.4	97.6	97.7	97.8	97.8	97.8	97.9
	53.8	84.1	90.6	92.9	95.1	95.7	97.2	97.8	97.9	98.5	98.7	98.8	98.9	99.0	99.0	99.1
	53.8	84.1	90.6	92.9	95.2	95.7	97.3	98.0	98.2	98.9	99.2	99.3	99.4	99.4	99.4	99.4
	53.8	84.1	90.6	92.9	95.3	95.8	97.4	98.1	98.3	99.0	99.3	99.4	99.4	99.4	99.4	99.4
	53.8	84.1	90.6	92.9	95.3	95.8	97.4	98.1	98.3	99.0	99.3	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 2046

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13924 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70 YEARS

BCI

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	53.2	61.0	61.7	62.0	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 18000 16000	60.4	69.5	70.2	70.6	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 14000 12000	61.0	70.1	70.9	71.1	71.3	71.4	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 10000 9000	61.9	71.4	72.3	72.6	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 8000 7000	63.0	73.4	74.3	74.6	74.8	74.9	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 6000 5000	65.3	76.1	77.0	77.3	77.5	77.6	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 4500 4000	65.5	76.4	77.3	77.6	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 3500 3000	66.2	77.1	78.0	78.3	78.5	78.6	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 2500 2000	66.8	78.0	79.0	79.3	79.5	79.5	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 1800 1500	67.4	78.7	79.7	80.0	80.1	80.2	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 1200 1000	68.0	79.4	80.3	80.6	80.8	80.8	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 900 800	68.3	79.9	80.8	81.1	81.3	81.3	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 700 600	69.8	81.4	82.5	82.8	83.0	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 500 400	70.8	83.2	84.3	84.6	84.8	84.8	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 300 200	73.2	86.7	87.8	88.1	88.3	88.3	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 100 0	75.3	89.0	90.2	90.5	90.7	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
	76.7	90.9	92.1	92.3	92.7	92.8	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
	76.9	91.2	92.5	92.8	93.0	93.1	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
	77.8	92.6	93.9	94.3	94.5	94.6	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
	78.4	93.5	95.1	95.4	95.6	95.7	95.9	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2
	78.8	94.5	96.1	96.5	96.8	96.9	97.1	97.2	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5
	79.0	94.9	96.5	97.0	97.2	97.3	97.5	97.6	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9
	79.0	94.9	96.6	97.1	97.4	97.5	97.7	97.8	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1
	79.2	95.3	97.0	97.6	98.0	98.1	98.3	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7
	79.2	95.4	97.2	97.8	98.3	98.4	98.6	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
	79.2	95.6	97.5	98.1	98.6	98.7	98.9	99.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4
	79.2	95.8	97.7	98.3	98.8	98.9	99.2	99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
	79.2	95.9	97.8	98.4	99.0	99.1	99.4	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0
	79.2	95.9	97.8	98.4	99.0	99.1	99.4	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0
	79.2	95.9	97.8	98.4	99.0	99.1	99.4	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2045

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13824 ENGLAND AIR LOUISIANA/ALEXANDRIA 43-43-52-70 YEARS 1300-1300

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.1	67.3	67.5	67.7	67.7	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 20000	66.8	76.1	76.4	76.6	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 18000	67.4	76.8	77.1	77.3	77.4	77.4	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 16000	67.7	77.1	77.4	77.6	77.7	77.7	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 14000	68.9	79.1	79.4	79.6	79.6	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 12000	69.8	80.5	80.8	81.0	81.0	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 10000	71.9	83.0	83.4	83.6	83.6	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 9000	72.0	83.2	83.6	83.8	83.9	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 8000	73.0	84.5	84.8	85.0	85.1	85.1	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 7500	74.1	86.1	86.5	86.7	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 6000	74.5	86.5	86.9	87.1	87.1	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 5000	75.0	87.2	87.7	87.9	87.9	87.9	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 4500	75.3	87.6	88.1	88.3	88.3	88.3	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 4000	76.2	89.0	89.4	89.6	89.6	89.6	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 3500	77.3	90.3	90.9	91.1	91.1	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 3000	78.2	92.3	92.8	93.0	93.1	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 2500	78.8	93.1	93.6	93.8	93.9	93.9	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2000	79.8	94.2	94.8	95.0	95.2	95.2	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 1800	79.7	94.5	95.1	95.4	95.6	95.6	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1500	80.3	95.3	96.0	96.2	96.4	96.4	96.6	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1200	80.6	96.1	96.8	97.1	97.4	97.4	97.6	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000	80.7	96.4	97.2	97.7	97.9	97.9	98.3	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 900	80.8	96.5	97.4	97.9	98.2	98.2	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	80.8	96.7	97.6	98.1	98.4	98.4	98.8	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	80.8	96.7	97.7	98.2	98.5	98.5	98.9	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	80.8	96.9	97.9	98.5	98.8	98.8	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	80.8	97.0	98.0	98.6	98.9	99.0	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	80.8	97.0	98.1	98.7	99.1	99.1	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	80.8	97.0	98.1	98.7	99.1	99.1	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	80.8	97.0	98.1	98.7	99.1	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	80.8	97.0	98.1	98.7	99.1	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	80.8	97.0	98.1	98.7	99.1	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2046

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13824 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45-52-70 YEARS 661

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1959-1960

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.2	72.8	73.7	74.6	74.9	74.9	74.9	75.0	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 20000	65.8	79.7	80.6	81.6	81.9	81.9	81.9	82.0	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IVV 18000	66.0	80.0	80.9	81.9	82.2	82.2	82.2	82.3	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IVV 16000	66.3	80.3	81.3	82.2	82.6	82.6	82.6	82.7	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IVV 14000	66.8	81.0	82.1	83.1	83.5	83.5	83.5	83.6	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IVV 12000	67.4	82.1	83.2	84.3	84.7	84.7	84.7	84.8	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IVV 10000	68.1	83.3	84.4	85.4	85.9	85.9	85.9	86.0	86.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IVV 9000	68.3	83.3	84.6	85.7	86.2	86.2	86.2	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IVV 8000	68.9	84.7	86.0	87.0	87.5	87.5	87.5	87.6	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IVV 7000	69.8	86.1	87.4	88.4	88.9	88.9	88.9	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IVV 6000	70.0	86.4	87.7	88.8	89.2	89.2	89.2	89.3	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IVV 5000	70.3	87.1	88.5	89.5	90.0	90.0	90.0	90.1	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IVV 4500	70.9	87.6	88.9	90.0	90.5	90.5	90.5	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IVV 4000	71.4	88.0	90.3	91.3	91.9	91.9	91.9	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IVV 3500	72.3	89.9	91.4	92.5	93.1	93.1	93.1	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IVV 3000	72.8	90.8	92.4	93.4	94.0	94.0	94.0	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IVV 2500	73.3	91.6	93.2	94.2	94.8	94.8	94.8	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IVV 2000	73.9	92.5	94.3	95.3	95.9	95.9	95.9	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IVV 1800	74.0	92.6	94.6	95.7	96.3	96.3	96.3	96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IVV 1500	74.3	93.2	95.2	96.3	96.9	96.9	96.9	97.0	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IVV 1200	74.6	93.7	95.7	96.9	97.5	97.5	97.5	97.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IVV 1000	74.6	93.7	95.7	96.9	97.5	97.5	97.5	97.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IVV 900	74.6	93.8	95.9	97.0	97.7	97.7	97.7	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IVV 800	74.7	93.9	96.1	97.3	98.0	98.1	98.1	98.2	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IVV 700	74.7	94.1	96.3	97.5	98.2	98.3	98.3	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IVV 600	74.7	94.1	96.4	97.6	98.5	98.5	98.5	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IVV 500	74.8	94.2	96.5	97.8	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IVV 400	74.8	94.3	96.6	97.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IVV 300	74.8	94.3	96.6	97.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IVV 200	74.8	94.3	96.6	97.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IVV 100	74.8	94.3	96.6	97.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IVV 0	74.8	94.3	96.6	97.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 2043

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

~~1954~~ ENGLAND AFB, LOUISIANA/ALEXANDRIA 43-45,52-70 YEARS ~~1967~~

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	58.7	73.4	75.2	76.4	77.4	77.4	77.9	77.5	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.1
IV 18000 16000	61.1	76.9	78.8	80.2	81.1	81.1	81.2	81.2	81.3	81.5	81.7	81.7	81.7	81.7	81.7	81.8
IV 14000 12000	51.2	77.0	78.9	80.3	81.2	81.2	81.4	81.4	81.4	81.6	81.9	81.9	81.9	81.9	81.9	81.9
IV 10000 9000	61.6	77.5	79.4	80.7	81.7	81.7	81.8	81.8	81.9	82.1	82.3	82.3	82.3	82.3	82.3	82.4
IV 8000 7000	62.6	78.1	80.1	81.4	82.4	82.4	82.6	82.6	82.6	82.8	83.0	83.0	83.0	83.0	83.0	83.1
IV 6000 5000	62.6	79.0	81.2	82.6	83.6	83.6	83.8	83.8	83.8	84.0	84.3	84.3	84.3	84.3	84.3	84.3
IV 4500 4000	63.8	80.4	82.6	84.0	85.1	85.1	85.2	85.2	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.8
IV 3500 3000	64.2	81.0	83.2	84.7	85.7	85.7	85.9	85.9	85.9	86.1	86.4	86.4	86.4	86.4	86.4	86.4
IV 2500 2000	65.0	82.5	84.9	86.4	87.4	87.4	87.6	87.6	87.6	87.8	88.1	88.1	88.1	88.1	88.1	88.1
IV 1800 1500	65.8	83.4	85.8	87.3	88.4	88.4	88.5	88.5	88.6	88.8	89.0	89.0	89.0	89.0	89.0	89.1
IV 1200 1000	66.7	84.9	87.3	88.8	89.8	89.8	90.0	90.0	90.0	90.3	90.5	90.5	90.5	90.5	90.5	90.6
IV 900 800	66.9	85.4	87.8	89.3	90.4	90.4	90.6	90.6	90.6	90.8	91.1	91.1	91.1	91.1	91.1	91.1
IV 700 600	67.8	86.4	88.8	90.3	91.3	91.3	91.7	91.7	91.7	91.9	92.2	92.2	92.2	92.2	92.2	92.2
IV 500 400	67.9	87.1	89.6	91.1	92.3	92.3	92.5	92.5	92.5	92.7	93.0	93.0	93.0	93.0	93.0	93.0
IV 300 200	68.2	87.7	90.3	91.8	93.1	93.1	93.3	93.3	93.3	93.5	93.7	93.7	93.7	93.7	93.7	93.8
IV 100 0	69.0	88.6	91.3	92.8	94.1	94.1	94.3	94.3	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.9
	69.3	89.1	91.7	93.3	94.5	94.5	94.8	94.8	94.8	95.1	95.4	95.4	95.4	95.4	95.4	95.4
	69.4	89.1	91.8	93.4	94.6	94.6	94.9	94.9	95.0	95.2	95.5	95.5	95.5	95.5	95.5	95.5
	69.6	90.0	92.7	94.2	95.3	95.3	95.7	95.7	95.8	96.0	96.3	96.3	96.3	96.3	96.3	96.3
	69.8	90.6	93.3	94.8	96.1	96.1	96.4	96.4	96.5	96.7	97.0	97.0	97.0	97.0	97.0	97.1
	69.9	90.8	93.5	95.1	96.5	96.5	96.8	96.8	96.8	97.1	97.4	97.4	97.4	97.4	97.4	97.5
	69.9	90.9	93.6	95.2	96.7	96.7	97.0	97.0	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.7
	70.0	91.0	93.7	95.3	96.8	96.8	97.1	97.1	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.8
	70.0	91.2	93.9	95.5	97.0	97.0	97.4	97.4	97.5	97.9	98.1	98.1	98.1	98.1	98.1	98.2
	70.0	91.5	94.4	95.8	97.4	97.4	97.9	97.9	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.8
	70.1	91.7	94.6	96.3	97.8	97.8	98.4	98.4	98.5	98.9	99.2	99.2	99.2	99.2	99.2	99.3
	70.1	91.8	94.8	96.5	98.0	98.0	98.6	98.6	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.5
	70.1	91.8	94.8	96.5	98.0	98.0	98.6	98.6	98.7	98.8	99.2	99.5	99.5	99.5	99.5	99.6
	70.1	91.8	94.8	96.5	98.0	98.0	98.7	98.8	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.8
	70.1	91.8	94.8	96.5	98.0	98.0	98.7	98.8	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8
	70.1	91.8	94.8	96.5	98.0	98.0	98.7	98.8	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2046

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13824 ENGLAND AFB LOUISIANA ALEXANDRIA 43-45-52-70 YEARS 3000

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

3000-8800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	34.1	51.8	54.1	55.6	57.7	57.8	58.1	58.3	58.4	58.7	59.0	59.0	59.5	59.6	59.7	60.3
IVV 18000 16000	42.0	56.1	58.8	60.1	62.3	62.4	62.8	63.0	63.3	63.3	63.7	63.7	64.3	64.3	64.5	65.1
IVV 14000 12000	42.2	56.4	59.8	61.3	62.5	62.6	63.0	63.3	63.3	63.7	63.9	63.9	64.5	64.6	64.7	65.3
IVV 10000 9000	43.2	56.3	60.9	62.4	64.6	64.7	65.1	65.4	65.4	65.8	66.0	66.0	66.6	66.7	66.8	67.4
IVV 8000 7000	43.6	60.4	63.2	64.8	67.1	67.2	67.6	67.8	67.9	68.2	68.5	68.5	69.2	69.1	69.3	69.8
IVV 6000 5000	45.8	61.7	64.8	66.4	68.8	68.9	69.3	69.5	69.6	69.9	70.2	70.2	70.8	70.9	71.0	71.6
IVV 4500 4000	46.9	63.4	66.6	68.2	70.7	70.8	71.2	71.4	71.5	71.8	72.1	72.1	72.7	72.7	72.9	73.4
IVV 3500 3000	47.7	64.3	67.6	69.4	71.9	72.1	72.5	72.7	72.8	73.1	73.4	73.4	74.0	74.0	74.2	74.7
IVV 2500 2000	48.5	65.9	69.1	70.9	73.4	73.6	74.0	74.2	74.3	74.6	74.9	75.3	75.6	75.6	75.7	76.3
IVV 1800 1500	49.1	66.5	69.8	71.6	74.1	74.1	74.5	74.7	74.9	75.3	75.6	75.6	76.2	76.2	76.4	76.9
IVV 1200 1000	49.9	67.8	71.3	73.2	75.6	76.0	76.4	76.6	76.7	77.0	77.3	77.3	77.9	78.0	78.1	78.7
IVV 900 800	50.5	69.9	72.6	74.6	77.6	77.6	78.1	78.2	78.4	78.4	78.8	79.0	79.0	79.7	79.7	80.6
IVV 700 600	51.7	70.8	74.5	76.4	79.6	79.6	79.8	80.2	80.5	80.6	80.9	81.2	81.2	81.9	81.9	82.7
IVV 500 400	52.0	71.7	75.7	77.9	81.0	81.1	81.6	81.9	81.9	82.3	82.6	82.6	83.2	83.3	83.5	84.1
IVV 300 200	53.0	73.9	78.0	80.3	83.4	83.6	84.0	84.3	84.4	84.8	85.1	85.1	85.8	85.8	86.0	86.6
IVV 100 0	53.3	74.2	78.4	80.7	83.8	83.9	84.4	84.7	84.8	85.2	85.5	85.5	86.2	86.2	86.4	87.0
	53.9	75.2	79.5	82.0	85.1	85.2	85.6	86.1	86.2	86.6	86.8	86.8	87.5	87.6	87.7	88.4
	54.4	77.0	81.3	83.8	87.0	87.2	87.7	88.0	88.1	88.5	88.7	88.7	89.4	89.5	89.6	90.3
	55.1	78.1	82.5	85.0	88.3	88.4	89.0	89.3	89.3	89.7	90.0	90.0	90.7	90.8	90.9	91.6
	55.2	78.7	83.1	85.8	89.1	89.2	89.8	90.2	90.2	90.6	90.9	90.9	91.6	91.6	91.8	92.4
	55.3	79.4	83.9	86.8	90.2	90.2	91.1	91.5	91.6	92.0	92.3	92.3	92.9	93.0	93.1	93.6
	55.4	80.2	84.9	88.0	91.6	91.7	92.7	93.3	93.3	93.7	94.0	94.0	94.7	94.7	94.9	95.4
	55.4	80.5	85.3	88.6	92.5	92.7	93.9	94.6	94.6	95.1	95.4	95.4	96.1	96.2	96.3	97.0
	55.4	80.6	85.6	88.7	92.8	93.0	94.3	95.1	95.2	95.7	96.0	96.0	96.7	96.8	96.9	97.6
	55.4	80.8	85.9	89.1	93.2	93.5	95.1	95.9	96.0	96.6	96.8	96.8	97.6	97.7	97.8	98.5
	55.4	80.8	85.9	89.1	93.3	93.5	95.2	96.1	96.1	96.7	97.0	97.0	97.9	98.0	98.2	99.0
	55.4	80.8	85.9	89.1	93.3	93.6	95.3	96.2	96.3	96.9	97.2	97.3	98.2	98.4	98.8	99.7
	55.4	80.8	85.9	89.1	93.3	93.6	95.3	96.2	96.3	96.9	97.2	97.3	98.2	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1910

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12824 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45-92-70

YEARS

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	4.2	45.7	48.2	50.4	53.0	53.2	54.1	54.2	54.2	54.8	55.2	55.2	56.0	56.2	56.6	57.3
IV 18000 16000	36.1	48.9	51.6	53.8	56.5	56.7	57.6	57.8	57.8	58.5	58.8	58.8	59.7	59.9	60.4	61.0
IV 14000 12000	36.1	48.9	51.7	53.8	56.5	56.8	57.7	57.8	57.8	58.6	58.9	58.9	59.7	60.0	60.4	61.1
IV 10000 9000	37.0	50.2	52.9	55.1	57.7	58.0	58.9	59.1	59.1	59.8	60.2	60.2	61.0	61.3	61.7	62.3
IV 8000 7000	38.6	52.1	54.8	57.1	59.8	60.1	61.2	61.3	61.3	62.1	62.4	62.4	63.2	63.5	63.9	64.5
IV 6000 5000	39.2	53.7	56.5	58.8	61.7	61.9	63.1	63.3	63.3	64.0	64.3	64.3	65.2	65.5	65.9	66.5
IV 4500 4000	40.0	55.6	58.7	61.2	64.1	64.3	65.6	65.7	65.7	66.5	66.8	66.8	67.6	67.9	68.3	68.9
IV 3500 3000	41.8	58.4	61.4	64.4	67.4	67.7	69.0	69.1	69.1	69.9	70.2	70.2	71.1	71.3	71.7	72.4
IV 2500 2000	42.3	59.0	62.4	65.1	68.0	68.3	69.6	69.7	69.7	70.3	70.8	70.8	71.7	72.0	72.4	73.0
IV 1800 1500	43.0	60.1	63.7	66.6	69.6	69.9	71.2	71.3	71.3	72.1	72.4	72.4	73.3	73.5	73.9	74.6
IV 1200 1000	43.9	61.3	65.0	67.9	71.1	71.4	72.8	72.8	72.8	73.5	73.8	73.8	74.7	75.0	75.4	76.1
IV 900 800	44.2	62.6	66.3	69.3	72.7	73.0	74.3	74.4	74.4	75.2	75.5	75.5	76.4	76.7	77.1	77.8
IV 700 600	44.9	64.0	67.9	71.2	74.6	74.9	76.2	76.4	76.4	77.2	77.5	77.5	78.4	78.7	79.1	79.8
IV 500 400	46.8	66.8	71.0	74.4	78.0	78.3	79.6	79.7	79.7	80.6	80.9	80.9	81.8	82.1	82.5	83.2
IV 300 200	46.6	67.2	71.4	74.7	78.4	78.7	79.9	80.1	80.1	80.9	81.2	81.2	82.1	82.4	82.8	83.5
IV 100 0	47.5	69.9	74.3	77.9	81.6	81.9	83.2	83.4	83.4	84.3	84.6	84.6	85.6	85.9	86.3	87.0
	48.0	70.8	75.3	78.8	82.7	83.0	84.3	84.5	84.5	85.5	85.8	85.8	86.7	87.0	87.4	88.1
	48.1	71.6	76.4	80.1	84.0	84.3	85.7	85.8	85.8	86.8	87.1	87.1	88.0	88.3	88.7	89.4
	48.2	72.1	77.3	81.0	85.2	85.5	86.4	87.0	87.0	88.0	88.3	88.3	89.2	89.5	89.9	90.6
	48.4	72.7	78.1	82.0	86.2	86.5	87.9	88.2	88.2	89.2	89.5	89.5	90.5	90.8	91.2	91.9
	48.5	73.0	78.6	82.6	87.0	87.3	88.9	89.4	89.4	90.4	90.7	90.7	91.7	92.0	92.4	93.1
	48.5	73.5	79.2	83.3	87.9	88.4	90.1	90.7	90.7	91.8	92.1	92.1	93.1	93.4	93.9	94.6
	48.5	73.7	79.4	83.7	88.7	89.2	91.0	91.6	91.6	92.8	93.1	93.1	94.1	94.4	95.0	95.8
	48.5	73.8	79.5	83.8	88.8	89.4	91.4	92.0	92.0	93.2	93.7	93.7	94.7	95.0	95.6	96.5
	48.5	73.8	79.5	83.8	88.8	89.4	91.6	92.2	92.2	93.7	94.2	94.2	95.4	95.9	96.5	97.5
	48.5	73.8	79.5	83.8	89.1	89.6	92.0	92.7	92.7	94.2	94.8	94.8	96.2	96.7	97.4	98.9
	48.5	73.8	79.5	83.8	89.1	89.6	92.0	92.7	92.7	94.2	94.8	94.8	96.2	96.8	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1940

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1984 ENGLAND AFB, LOUISIANA/ALEXANDRIA 43-43,52-70 YEARS NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0600-1800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	24.1	34.9	37.5	39.1	41.8	42.3	43.9	44.3	44.4	45.4	46.2	46.2	46.9	47.0	47.5	48.4
IVM 18000 16000	26.5	38.9	41.5	43.3	46.4	47.0	48.9	49.5	49.7	50.7	51.6	51.6	52.3	52.4	53.0	53.9
IVM 14000 12000	26.5	38.9	41.8	43.6	46.8	47.4	49.2	49.9	50.1	51.1	52.0	52.0	52.7	52.8	53.4	54.3
IVM 10000 9000	27.5	39.7	43.1	45.1	48.2	48.8	50.7	51.6	51.8	52.8	53.8	53.8	54.5	54.7	55.3	56.3
IVM 8000 7000	29.2	42.7	46.7	48.6	51.8	52.3	54.8	55.4	55.6	56.8	57.8	57.8	58.5	58.7	59.3	60.3
IVM 6000 5000	29.9	44.3	48.4	50.7	53.8	54.5	56.8	57.6	57.8	59.0	60.1	60.1	60.9	61.0	61.7	62.7
IVM 4500 4000	30.6	45.9	49.8	52.3	55.6	56.4	58.6	59.3	59.7	61.1	62.2	62.2	62.9	63.1	63.8	64.7
IVM 3500 3000	31.1	46.3	50.7	53.2	56.6	57.4	59.7	60.6	60.8	62.1	63.2	63.2	64.0	64.1	64.8	65.8
IVM 2500 2000	32.4	48.3	52.8	55.4	58.8	59.7	62.1	62.9	63.2	64.6	65.8	65.8	66.5	66.7	67.4	68.3
IVM 1800 1500	32.8	48.9	53.4	56.0	59.3	60.4	62.8	63.7	64.0	65.4	66.5	66.5	67.3	67.5	68.2	69.1
IVM 1200 1000	33.2	49.7	54.2	57.1	60.9	61.7	64.1	65.1	65.4	66.9	68.1	68.1	69.0	69.1	69.8	70.8
IVM 900 800	33.6	50.8	55.5	58.3	62.1	63.0	65.4	66.4	66.7	68.2	69.4	69.4	70.3	70.5	71.2	72.1
IVM 700 600	34.4	51.8	56.7	59.8	63.7	64.6	67.1	68.2	68.5	70.1	71.3	71.3	72.2	72.4	73.1	74.0
IVM 500 400	35.1	52.9	57.9	61.1	65.2	66.1	68.7	69.7	70.1	71.6	72.9	72.9	73.8	74.0	74.7	75.7
IVM 300 200	36.2	55.2	60.3	63.6	67.7	68.7	71.3	72.4	72.8	74.3	75.7	75.7	76.6	76.8	77.3	78.3
IVM 100 0	36.5	55.7	60.9	64.1	68.3	69.3	71.9	73.0	73.4	74.9	76.3	76.3	77.2	77.4	78.1	79.1
	37.1	56.8	62.1	65.5	69.6	70.6	73.2	74.3	74.7	76.3	77.6	77.6	78.6	78.7	79.4	80.3
	37.7	58.2	63.6	67.3	71.5	72.5	75.2	76.3	76.7	78.3	79.6	79.6	80.6	80.7	81.4	82.5
	38.3	59.9	65.7	69.5	73.8	74.8	77.5	78.6	79.0	80.7	82.1	82.1	83.0	83.2	83.8	84.9
	38.4	60.9	66.9	70.7	75.1	76.2	78.9	80.1	80.5	82.1	83.5	83.5	84.4	84.6	85.3	86.4
	38.4	61.5	67.7	71.7	76.1	77.2	80.3	81.4	81.8	83.5	84.8	84.8	85.8	86.0	86.7	87.7
	38.7	62.2	68.5	72.7	77.4	78.6	81.7	82.9	83.3	85.0	86.4	86.4	87.3	87.5	88.2	89.2
	38.7	62.9	69.6	74.0	79.0	80.2	83.5	84.9	85.3	87.0	88.3	88.3	89.3	89.5	90.2	91.3
	38.8	63.3	70.2	74.7	80.1	81.3	85.2	86.6	87.0	88.7	90.2	90.2	91.2	91.4	92.2	93.5
	38.8	63.5	70.5	75.3	80.8	82.1	86.3	87.8	88.2	90.1	91.7	91.7	92.7	92.9	93.7	95.0
	38.8	63.5	70.5	75.3	80.9	82.2	86.5	88.1	88.5	90.6	92.2	92.2	93.3	93.4	94.4	95.9
	38.8	63.5	70.5	75.4	81.0	82.3	86.7	88.4	88.9	91.2	92.8	92.8	94.2	94.4	95.6	97.4
	38.8	63.5	70.5	75.4	81.0	82.3	86.7	88.4	89.0	91.3	93.0	93.0	94.4	94.6	95.9	98.6
	38.8	63.5	70.5	75.4	81.0	82.3	86.7	88.4	89.0	91.3	93.0	93.0	94.4	94.6	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1940

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

130704 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45-52-70 YEARS 6001

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	32.2	43.1	44.9	46.1	47.0	47.1	47.7	47.9	47.9	40.1	40.3	48.3	48.4	48.4	48.4	48.5
IVV 18000 16000	36.2	50.3	52.3	54.0	55.1	55.3	56.1	56.3	56.4	56.6	56.8	56.9	57.0	57.0	57.0	57.0
IVV 14000 12000	36.4	50.6	52.7	54.5	55.6	55.8	56.6	56.8	56.9	57.1	57.3	57.4	57.5	57.5	57.5	57.5
IVV 10000 9000	37.5	51.5	53.6	55.4	56.5	56.8	57.5	57.8	58.0	58.0	58.3	58.3	58.4	58.4	58.4	58.5
IVV 8000 7000	37.5	52.4	54.6	56.4	57.5	57.8	58.5	58.8	58.8	59.0	59.4	59.4	59.5	59.5	59.5	59.6
IVV 6000 5000	38.5	54.3	56.8	58.7	59.8	60.1	60.9	61.2	61.2	61.4	61.8	61.8	62.0	62.0	62.0	62.0
IVV 4500 4000	38.9	54.9	57.5	59.4	60.6	60.9	61.6	61.9	62.0	62.2	62.6	62.7	62.8	62.8	62.8	62.9
IVV 3500 3000	40.5	58.2	61.3	63.4	63.7	63.8	64.4	64.7	64.8	65.0	65.4	65.4	65.5	65.5	65.5	65.7
IVV 2500 2000	41.1	59.1	62.2	64.4	66.3	66.6	67.3	67.8	67.9	68.1	68.5	68.6	68.8	68.8	68.8	68.8
IVV 1800 1500	42.1	60.7	63.8	66.0	68.0	68.3	69.2	69.5	69.6	69.8	70.3	70.3	70.5	70.5	70.5	70.6
IVV 1200 1000	42.2	61.0	64.3	66.5	68.4	68.7	69.7	70.0	70.1	70.3	70.7	70.8	71.0	71.0	71.0	71.0
IVV 900 800	42.9	62.2	65.6	67.9	69.9	70.3	71.3	71.6	71.6	71.8	72.3	72.3	72.5	72.5	72.5	72.6
IVV 700 600	43.2	62.9	66.4	68.7	70.8	71.1	72.1	72.4	72.4	72.6	73.1	73.1	73.3	73.3	73.3	73.4
IVV 500 400	43.8	64.1	67.8	70.2	72.3	72.6	73.6	73.9	73.9	74.1	74.6	74.6	74.8	74.8	74.8	74.8
IVV 300 200	43.1	63.9	69.7	72.1	74.2	74.6	75.7	76.0	76.0	76.4	76.8	76.9	77.1	77.1	77.1	77.1
IVV 100 0	46.2	67.8	71.6	74.1	76.4	76.8	77.9	78.2	78.2	78.6	79.1	79.1	79.3	79.3	79.3	79.4
IVV 0	46.6	68.4	72.2	74.7	77.0	77.4	78.5	78.8	78.9	79.3	79.7	79.8	80.0	80.0	80.0	80.1
IVV 0	47.9	70.7	74.9	77.6	79.9	80.4	81.5	81.8	81.9	82.4	82.9	82.9	83.1	83.1	83.1	83.2
IVV 0	48.7	73.5	78.1	80.9	83.2	83.7	84.9	85.2	85.3	85.8	86.3	86.4	86.6	86.6	86.6	86.6
IVV 0	48.8	74.3	79.1	81.9	84.3	84.9	86.2	86.5	86.5	87.1	87.7	87.7	87.9	87.9	87.9	88.0
IVV 0	48.9	74.9	79.9	82.8	85.4	85.9	87.1	87.4	87.5	88.1	88.7	88.7	88.9	88.9	88.9	89.0
IVV 0	48.9	75.9	81.1	84.1	87.0	87.4	88.7	89.1	89.1	89.7	90.4	90.4	90.6	90.6	90.6	90.7
IVV 0	49.2	76.9	82.4	85.6	88.7	89.2	90.6	90.9	91.0	91.6	92.2	92.2	92.5	92.5	92.5	92.5
IVV 0	49.2	77.9	83.9	87.1	90.3	90.8	92.2	92.6	92.7	93.4	94.0	94.0	94.3	94.3	94.3	94.3
IVV 0	49.3	78.4	84.5	88.0	91.4	92.0	93.3	94.1	94.2	95.3	95.9	96.0	96.3	96.3	96.3	96.3
IVV 0	49.4	78.6	84.8	88.6	92.2	92.8	94.4	95.2	95.3	96.8	97.1	97.1	97.4	97.4	97.5	97.5
IVV 0	49.4	78.6	84.8	88.7	92.5	93.1	94.8	95.6	95.8	97.1	97.8	97.9	98.4	98.4	98.7	98.8
IVV 0	49.4	78.6	84.8	88.7	92.6	93.1	94.9	95.7	95.9	97.3	98.2	98.3	98.9	98.9	99.0	99.9
IVV 0	49.4	78.6	84.8	88.7	92.6	93.1	94.9	95.7	95.9	97.3	98.2	98.3	98.9	98.9	99.0	99.9

TOTAL NUMBER OF OBSERVATIONS 1960

0  
2  
0

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1984 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70 YEARS 1980-1980

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1980-1980

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	43.9	49.9	50.5	50.9	51.2	51.2	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
IVV 18000 16000	50.8	58.7	59.3	60.1	60.4	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IVV 14000 12000	51.1	59.1	59.7	60.5	60.8	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IVV 10000 9000	52.7	61.1	61.6	62.3	62.9	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IVV 8000 7000	53.9	62.8	63.5	64.5	64.8	64.8	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2
IVV 6000 5000	54.6	63.6	64.3	65.3	65.7	65.7	65.8	65.8	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0
IVV 4500 4000	55.8	65.2	66.1	67.1	67.5	67.5	67.6	67.7	67.7	67.8	67.8	67.8	67.9	67.9	67.9	67.9
IVV 3500 3000	56.7	66.9	68.0	69.0	69.3	69.3	69.4	69.4	69.7	69.8	69.8	69.9	69.9	70.1	70.1	70.1
IVV 2500 2000	57.3	67.7	68.7	69.7	70.3	70.3	70.5	70.6	70.7	70.8	70.8	70.9	70.9	71.0	71.0	71.0
IVV 1800 1500	58.1	68.8	69.9	71.0	71.5	71.5	71.8	71.9	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2
IVV 1200 1000	59.0	70.0	71.2	72.2	72.7	72.7	73.0	73.1	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4
IVV 900 800	60.9	72.4	73.6	74.7	75.3	75.3	75.6	75.7	75.8	75.9	76.0	76.0	76.1	76.1	76.1	76.1
IVV 700 600	62.7	74.7	76.0	77.0	77.6	77.6	77.9	78.0	78.1	78.2	78.3	78.3	78.4	78.4	78.4	78.4
IVV 500 400	64.6	77.6	78.8	80.1	80.7	80.8	81.1	81.2	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6
IVV 300 200	66.5	80.5	81.7	83.0	83.6	83.6	84.0	84.2	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6
IVV 100 0	68.4	83.4	84.7	86.0	86.6	86.6	87.0	87.2	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.6
	68.6	84.1	85.5	86.7	87.3	87.3	87.4	87.7	87.9	88.1	88.2	88.3	88.3	88.4	88.4	88.4
	69.3	85.6	87.0	88.3	89.0	89.0	89.4	89.6	89.8	89.9	90.1	90.1	90.2	90.2	90.2	90.2
	69.7	87.3	88.7	90.2	90.9	90.9	91.3	91.5	91.7	91.9	92.0	92.0	92.1	92.1	92.1	92.1
	70.1	88.4	89.9	91.6	92.4	92.3	92.8	93.1	93.3	93.5	93.7	93.7	93.8	93.8	93.8	93.8
	70.4	89.2	91.0	92.6	93.5	93.6	94.0	94.2	94.4	94.6	94.8	94.8	94.9	94.9	94.9	94.9
	70.4	89.5	91.5	93.1	94.3	94.2	94.8	95.0	95.2	95.5	95.7	95.7	95.8	95.8	95.8	95.8
	70.5	90.3	92.4	94.1	95.3	95.4	95.9	96.1	96.3	96.6	96.8	96.8	96.9	96.9	96.9	96.9
	70.6	90.7	92.9	94.8	96.1	96.2	96.8	97.0	97.2	97.5	97.7	97.7	97.8	97.8	97.8	97.8
	70.6	90.8	93.2	95.2	96.5	96.7	97.3	97.8	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6
	70.6	91.0	93.4	95.5	97.0	97.2	98.0	98.4	98.6	99.0	99.2	99.2	99.3	99.3	99.3	99.3
	70.6	91.0	93.4	95.5	97.2	97.4	98.2	98.6	98.9	99.3	99.7	99.7	99.9	99.9	99.9	99.9
	70.6	91.0	93.4	95.5	97.2	97.4	98.3	98.7	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0
	70.6	91.0	93.4	95.5	97.2	97.4	98.3	98.7	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1980

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1984 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70

YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1980-1980

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	48.0	53.3	53.9	54.2	54.5	54.6	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IVV 18000 16000	56.1	63.1	63.9	64.4	64.7	64.8	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IVV 14000 12000	56.9	64.1	64.8	65.4	65.7	65.8	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IVV 10000 9000	57.6	65.1	65.9	66.4	66.7	66.8	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IVV 8000 7000	59.9	66.5	67.3	67.8	68.2	68.3	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IVV 6000 5000	59.9	67.8	68.6	69.1	69.5	69.6	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IVV 4500 4000	60.4	68.6	69.4	69.9	70.3	70.4	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IVV 3500 3000	61.5	70.6	71.4	71.9	72.2	72.3	72.6	72.8	72.8	72.8	72.9	72.9	73.0	73.0	73.0	73.0
IVV 2500 2000	62.8	72.6	73.4	73.9	74.4	74.5	74.7	75.0	75.0	75.0	75.1	75.1	75.2	75.2	75.2	75.2
IVV 1800 1500	63.6	73.6	74.5	75.1	75.7	75.8	76.0	76.3	76.3	76.3	76.4	76.4	76.5	76.5	76.5	76.5
IVV 1200 1000	64.9	75.1	76.0	76.5	77.1	77.2	77.5	77.8	77.8	77.8	77.9	77.9	78.0	78.0	78.0	78.0
IVV 900 800	66.0	76.4	77.3	77.9	78.5	78.7	78.9	79.2	79.2	79.2	79.3	79.3	79.4	79.4	79.4	79.4
IVV 700 600	68.0	78.8	79.9	80.5	81.2	81.4	81.7	82.0	82.1	82.1	82.2	82.2	82.4	82.4	82.4	82.4
IVV 500 400	68.9	80.6	81.7	82.3	83.1	83.3	83.6	83.7	84.0	84.0	84.1	84.1	84.3	84.3	84.3	84.3
IVV 300 200	70.2	82.6	83.9	84.5	85.4	85.6	85.9	86.2	86.3	86.3	86.4	86.4	86.6	86.6	86.6	86.6
IVV 100 0	70.8	84.1	85.4	86.2	87.0	87.2	87.6	87.9	88.0	88.0	88.1	88.1	88.3	88.3	88.3	88.3
IVV 0	71.7	86.5	87.7	88.7	89.7	89.9	90.4	90.7	90.8	90.8	91.0	91.0	91.1	91.1	91.1	91.1
IVV 0	71.8	87.0	88.3	89.2	90.3	90.5	91.0	91.3	91.4	91.4	91.6	91.6	91.8	91.8	91.8	91.8
IVV 0	72.2	88.0	89.3	90.4	91.5	91.7	92.2	92.6	92.7	92.8	93.0	93.0	93.2	93.2	93.2	93.2
IVV 0	72.8	89.4	90.8	91.9	93.0	93.2	93.7	94.1	94.2	94.3	94.5	94.5	94.7	94.7	94.7	94.7
IVV 0	72.8	90.1	91.7	92.8	93.9	94.1	94.6	95.0	95.1	95.2	95.5	95.5	95.6	95.6	95.6	95.6
IVV 0	72.8	90.5	92.1	93.3	94.4	94.6	95.2	95.6	95.7	95.8	96.0	96.0	96.2	96.2	96.2	96.2
IVV 0	72.8	90.7	92.6	93.8	95.0	95.2	95.8	96.2	96.3	96.5	96.7	96.7	96.9	96.9	96.9	96.9
IVV 0	72.8	91.3	93.3	94.5	95.8	96.0	96.7	97.1	97.2	97.4	97.6	97.6	97.8	97.8	97.8	97.8
IVV 0	72.9	91.5	93.6	95.0	96.2	96.4	97.1	97.7	97.8	98.0	98.2	98.2	98.4	98.4	98.4	98.4
IVV 0	72.9	91.6	93.8	95.2	96.4	96.7	97.8	98.2	98.3	98.5	98.9	98.9	99.0	99.0	99.0	99.0
IVV 0	72.9	91.8	94.0	95.3	96.7	97.0	98.2	98.6	98.7	99.0	99.2	99.2	99.4	99.4	99.4	99.4
IVV 0	72.9	91.8	94.1	95.5	96.8	97.1	98.3	98.7	98.8	99.2	99.5	99.5	99.7	99.7	99.7	99.7
IVV 0	72.9	91.8	94.1	95.5	96.8	97.1	98.3	98.7	98.8	99.2	99.7	99.7	99.9	99.9	99.9	99.9
IVV 0	72.9	91.8	94.1	95.5	96.8	97.1	98.3	98.7	98.8	99.2	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1980

0  
2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13824 ENGLAND AIR LOUISIANA/ALEXANDRIA 43-45, 52-70 YEARS 1940

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1940-1940

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.6	57.6	59.3	60.4	61.2	61.4	61.7	61.9	61.9	62.0	62.1	62.1	62.1	62.1	62.2	62.2
IV 20000	57.0	65.4	67.1	68.4	69.4	69.6	69.9	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.4	70.4
IV 18000	57.3	65.7	67.4	68.7	69.7	69.9	70.2	70.4	70.4	70.5	70.6	70.6	70.6	70.6	70.7	70.7
IV 16000	57.6	66.0	67.6	69.0	69.9	70.2	70.5	70.6	70.6	70.7	70.8	70.8	70.8	70.9	70.9	70.9
IV 14000	58.3	67.2	68.8	70.2	71.2	71.4	71.7	71.8	71.8	71.9	72.0	72.0	72.0	72.1	72.1	72.1
IV 12000	59.2	68.2	69.9	71.3	72.2	72.4	72.7	72.9	72.9	73.1	73.2	73.2	73.2	73.3	73.3	73.3
IV 10000	60.1	69.2	70.9	72.2	73.2	73.4	73.7	73.8	73.9	74.0	74.1	74.1	74.1	74.2	74.2	74.2
IV 9000	60.7	70.3	72.0	73.3	74.3	74.5	74.8	74.9	75.0	75.2	75.3	75.3	75.3	75.4	75.4	75.4
IV 8000	61.5	71.6	73.3	74.6	75.6	75.8	76.1	76.3	76.3	76.5	76.6	76.6	76.7	76.8	76.8	76.8
IV 7000	62.9	73.9	75.6	77.1	78.6	78.8	79.1	79.3	79.4	79.7	79.8	79.9	79.9	80.1	80.2	80.2
IV 6000	63.2	74.5	76.2	77.7	78.7	78.9	79.2	79.3	79.4	79.5	79.6	79.6	79.8	79.8	79.9	79.9
IV 5000	64.2	75.8	77.5	79.0	80.1	80.4	80.7	80.8	80.9	81.0	81.1	81.1	81.3	81.3	81.4	81.4
IV 4500	64.8	76.5	78.3	79.8	80.9	81.2	81.5	81.6	81.7	81.8	81.9	81.9	82.1	82.1	82.2	82.2
IV 4000	65.8	78.2	80.3	81.8	83.0	83.4	83.7	83.9	83.9	84.1	84.2	84.2	84.4	84.4	84.4	84.4
IV 3500	66.4	78.8	81.3	82.9	84.0	84.4	84.7	84.9	84.9	85.2	85.3	85.3	85.5	85.5	85.6	85.6
IV 3000	67.1	80.1	82.8	84.2	85.5	85.9	86.2	86.3	86.4	86.6	86.7	86.7	86.9	86.9	87.0	87.0
IV 2500	68.3	81.9	84.5	86.5	87.8	88.2	88.5	88.7	88.8	89.0	89.1	89.1	89.3	89.3	89.4	89.4
IV 2000	69.0	83.7	86.5	88.5	89.9	90.3	90.7	90.7	90.9	91.0	91.2	91.3	91.3	91.5	91.5	91.6
IV 1800	69.1	83.9	86.8	88.9	90.3	90.7	91.1	91.3	91.3	91.5	91.7	91.7	91.8	91.9	91.9	91.9
IV 1500	69.4	84.5	87.5	89.6	91.0	91.4	91.8	92.0	92.1	92.3	92.4	92.4	92.6	92.6	92.7	92.7
IV 1200	69.9	85.9	89.0	91.1	92.6	93.0	93.4	93.6	93.7	93.9	94.0	94.0	94.2	94.2	94.3	94.3
IV 1000	70.0	86.4	89.6	91.8	93.5	93.9	94.3	94.5	94.6	94.8	94.9	94.9	95.1	95.2	95.2	95.2
IV 900	70.0	86.6	89.9	92.2	94.0	94.4	94.9	95.1	95.2	95.4	95.5	95.5	95.7	95.7	95.8	95.8
IV 800	70.0	87.0	90.2	92.6	94.4	94.8	95.4	95.6	95.6	95.8	96.0	96.0	96.1	96.2	96.2	96.2
IV 700	70.0	87.3	90.8	93.3	95.4	95.8	96.3	96.6	96.6	96.8	97.0	97.0	97.1	97.2	97.2	97.2
IV 600	70.0	87.5	91.1	93.8	95.9	96.3	97.0	97.2	97.3	97.5	97.7	97.7	97.8	97.9	98.0	98.0
IV 500	70.0	87.7	91.3	94.1	96.4	96.9	97.8	98.0	98.1	98.3	98.6	98.6	98.7	98.8	98.9	98.9
IV 400	70.0	87.7	91.5	94.3	96.8	97.3	98.1	98.4	98.4	98.7	99.1	99.1	99.2	99.3	99.4	99.4
IV 300	70.0	87.7	91.5	94.4	96.9	97.4	98.3	98.5	98.6	98.9	99.3	99.3	99.5	99.5	99.6	99.6
IV 200	70.0	87.7	91.5	94.4	96.9	97.4	98.3	98.5	98.6	98.9	99.4	99.4	99.6	99.7	99.8	99.8
IV 100	70.0	87.7	91.5	94.4	96.9	97.4	98.3	98.5	98.6	98.9	99.4	99.4	99.6	99.7	99.9	99.9
IV 0	70.0	87.7	91.5	94.4	96.9	97.4	98.3	98.5	98.6	98.9	99.4	99.4	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1940

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1954 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70 YEARS 6097

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2180 2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	47.5	57.7	59.3	61.5	62.4	62.5	62.7	62.9	62.9	63.0	63.2	63.2	63.3	63.4	63.5	63.7
IVV 18000	51.8	63.0	64.6	66.8	67.9	68.3	68.3	68.5	68.5	68.6	68.8	68.8	68.9	69.0	69.1	69.3
IVV 16000	52.1	63.2	64.8	67.1	68.2	68.3	68.5	68.7	68.7	68.8	69.0	69.0	69.1	69.3	69.3	69.5
IVV 14000	52.3	63.4	65.1	67.3	68.4	68.5	68.7	68.9	68.9	69.0	69.2	69.2	69.3	69.5	69.5	69.7
IVV 12000	52.8	64.2	65.9	68.1	69.2	69.3	69.5	69.7	69.7	69.8	70.1	70.1	70.2	70.3	70.4	70.6
IVV 10000	53.7	65.6	67.2	69.4	70.6	70.7	70.9	71.1	71.1	71.2	71.4	71.4	71.5	71.7	71.7	71.9
IVV 9000	54.4	66.7	68.4	70.7	71.8	71.9	72.1	72.3	72.3	72.4	72.6	72.6	72.7	72.9	72.9	73.1
IVV 8000	54.8	67.3	69.0	71.4	72.5	72.6	72.9	73.1	73.1	73.2	73.4	73.4	73.5	73.6	73.7	73.9
IVV 7000	55.9	68.9	70.7	73.1	74.2	74.3	74.6	74.8	74.8	74.9	75.1	75.1	75.3	75.4	75.5	75.7
IVV 6000	57.2	71.1	72.8	75.3	76.4	76.5	76.8	77.0	77.0	77.1	77.3	77.3	77.5	77.6	77.7	77.9
IVV 5000	58.2	72.5	74.2	76.7	78.0	78.1	78.4	78.6	78.6	78.7	78.9	78.9	79.0	79.2	79.2	79.4
IVV 4500	59.1	73.5	75.3	77.8	79.1	79.2	79.5	79.7	79.7	79.8	80.1	80.1	80.2	80.4	80.5	80.7
IVV 4000	59.7	74.3	76.1	78.7	80.1	80.2	80.5	80.7	80.7	80.8	81.0	81.0	81.2	81.3	81.4	81.6
IVV 3500	60.9	75.9	77.7	80.5	82.0	82.1	82.4	82.6	82.6	82.7	82.9	82.9	83.1	83.3	83.3	83.5
IVV 3000	61.4	76.7	78.6	81.4	82.8	82.9	83.2	83.4	83.4	83.5	83.7	83.7	84.0	84.1	84.2	84.4
IVV 2500	62.0	78.1	80.1	83.0	84.4	84.5	84.8	85.1	85.1	85.2	85.5	85.5	85.8	85.9	86.0	86.2
IVV 2000	62.4	79.6	82.0	84.9	86.5	86.6	87.0	87.3	87.3	87.5	87.7	87.7	87.9	88.1	88.1	88.3
IVV 1800	63.6	81.3	83.9	86.9	88.4	88.5	89.0	89.2	89.2	89.4	89.6	89.6	89.9	90.1	90.1	90.3
IVV 1500	63.7	81.5	84.2	87.2	88.7	88.8	89.3	89.5	89.5	89.7	89.9	89.9	90.2	90.4	90.4	90.6
IVV 1200	64.5	82.7	85.5	88.5	90.1	90.2	90.6	90.9	90.9	91.1	91.3	91.3	91.6	91.7	91.8	92.0
IVV 1000	65.1	84.3	87.1	90.1	91.7	91.8	92.3	92.5	92.5	92.7	93.0	93.0	93.2	93.4	93.4	93.6
IVV 900	65.3	84.9	87.8	91.0	92.6	92.7	93.2	93.5	93.5	93.7	94.0	94.0	94.2	94.4	94.4	94.6
IVV 800	65.3	85.5	88.5	91.7	93.3	93.6	94.1	94.3	94.4	94.6	94.9	94.9	95.2	95.3	95.4	95.6
IVV 700	65.4	85.8	88.9	92.3	94.1	94.2	94.7	95.0	95.1	95.3	95.6	95.6	95.8	96.0	96.0	96.2
IVV 600	65.4	86.1	89.2	92.8	94.7	94.8	95.3	95.7	95.8	96.0	96.3	96.3	96.5	96.7	96.7	96.9
IVV 500	65.4	86.2	89.6	93.3	95.3	95.4	96.0	96.3	96.4	96.6	96.9	96.9	97.2	97.3	97.4	97.6
IVV 400	65.4	86.4	89.9	93.7	95.9	96.0	96.7	97.2	97.2	97.5	97.8	97.8	98.0	98.2	98.2	98.4
IVV 300	65.4	86.6	90.2	94.0	96.4	96.5	97.4	97.9	97.9	98.4	98.8	98.8	99.0	99.2	99.2	99.4
IVV 200	65.4	86.6	90.2	94.0	96.4	96.5	97.5	98.0	98.1	98.6	99.0	99.0	99.2	99.4	99.4	99.6
IVV 100	65.4	86.6	90.2	94.0	96.4	96.6	97.6	98.1	98.1	98.6	99.0	99.0	99.3	99.5	99.6	99.8
IVV 0	65.4	86.6	90.2	94.0	96.4	96.6	97.6	98.1	98.1	98.7	99.1	99.1	99.3	99.5	99.7	99.9

TOTAL NUMBER OF OBSERVATIONS 1240

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1953 — ENGLAND AFB LOUISIANA/ALEXANDRIA — 43-44,52-70

DEC  
1953

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-9200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1½	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.1	45.7	46.5	47.2	48.1	48.1	48.4	48.5	48.6	48.6	48.7	48.7	48.9	49.0	49.0	49.2
≥ 20000	43.9	49.5	50.4	51.0	51.9	51.9	52.3	52.4	52.5	52.5	52.7	52.7	53.0	53.0	53.1	53.3
IVV 18000	44.0	49.6	50.5	51.2	52.1	52.1	52.4	52.6	52.7	52.7	52.9	52.9	53.1	53.2	53.3	53.5
IVV 16000	44.0	49.6	50.5	51.2	52.1	52.1	52.4	52.6	52.7	52.7	52.9	52.9	53.1	53.2	53.3	53.5
IVV 14000	44.2	49.9	50.8	51.5	52.4	52.4	52.7	52.9	53.0	53.0	53.2	53.2	53.5	53.5	53.6	53.8
IVV 12000	45.0	50.7	51.6	52.3	53.1	53.1	53.5	53.7	53.8	53.8	54.0	54.0	54.2	54.3	54.4	54.6
IVV 10000	46.2	52.4	53.3	54.0	54.8	54.8	55.2	55.4	55.5	55.5	55.7	55.7	55.9	56.0	56.1	56.3
IVV 9000	46.5	52.7	53.6	54.3	55.2	55.2	55.6	55.7	55.8	55.8	56.0	56.0	56.3	56.3	56.4	56.6
IVV 8000	47.4	53.8	54.7	55.5	56.3	56.3	56.8	57.0	57.1	57.1	57.3	57.3	57.6	57.6	57.7	57.9
IVV 7000	48.4	55.1	56.2	56.9	57.9	57.9	58.4	58.7	58.8	58.8	59.0	59.0	59.3	59.3	59.4	59.7
IVV 6000	49.2	56.0	57.1	57.9	59.0	59.0	59.5	59.8	59.9	59.9	60.1	60.1	60.4	60.4	60.5	60.7
IVV 5000	51.4	58.4	59.5	60.3	61.4	61.5	62.0	62.3	62.4	62.4	62.6	62.6	62.9	62.9	63.0	63.2
IVV 4500	51.8	59.3	60.4	61.3	62.5	62.6	63.1	63.3	63.4	63.5	63.7	63.7	64.0	64.0	64.1	64.3
IVV 4000	52.8	60.8	62.0	63.0	64.2	64.2	64.8	65.0	65.1	65.2	65.4	65.4	65.7	65.7	65.8	66.0
IVV 3500	53.5	61.9	63.1	64.2	65.5	65.5	66.2	66.4	66.5	66.6	66.8	66.8	67.0	67.1	67.2	67.4
IVV 3000	54.4	63.2	64.5	65.7	67.0	67.1	67.7	68.0	68.1	68.2	68.4	68.4	68.7	68.8	68.9	69.0
IVV 2500	55.1	64.5	66.2	67.4	68.7	68.8	69.4	69.6	69.7	69.8	70.0	70.0	70.3	70.3	70.4	70.6
IVV 2000	57.0	67.2	69.0	70.7	71.9	72.0	72.7	72.9	73.0	73.1	73.2	73.2	73.5	73.5	73.7	73.9
IVV 1800	57.1	67.4	69.2	70.9	72.2	72.3	72.9	73.2	73.3	73.3	73.5	73.5	73.8	73.8	73.9	74.1
IVV 1500	58.1	68.6	71.0	72.8	74.3	74.4	75.1	75.4	75.5	75.5	75.7	75.7	76.0	76.0	76.1	76.3
IVV 1200	60.1	71.6	74.0	75.9	77.5	77.6	78.4	78.7	78.8	78.9	79.1	79.1	79.3	79.4	79.5	79.7
IVV 1000	60.6	72.0	75.8	77.7	79.4	79.5	80.3	80.6	80.7	81.0	81.2	81.2	81.4	81.5	81.6	81.8
IVV 900	61.2	74.4	77.3	79.4	81.2	81.3	82.2	82.4	82.5	82.8	83.1	83.1	83.3	83.4	83.5	83.7
IVV 800	61.6	76.6	78.5	80.8	82.8	82.9	83.8	84.1	84.2	84.4	84.7	84.7	84.9	85.0	85.1	85.3
IVV 700	61.9	76.4	79.7	82.1	84.5	84.6	85.6	86.0	86.1	86.4	86.6	86.6	86.9	86.9	87.0	87.3
IVV 600	62.3	77.4	81.0	83.5	86.2	86.3	87.6	88.0	88.1	88.4	88.6	88.6	88.9	88.9	89.0	89.2
IVV 500	62.6	78.4	82.3	84.9	87.8	87.9	89.5	89.9	90.1	90.5	90.8	90.8	91.0	91.1	91.2	91.4
IVV 400	62.8	79.1	83.2	86.1	89.2	89.3	91.3	92.0	92.2	92.5	93.1	93.1	93.5	93.6	93.7	94.0
IVV 300	62.8	79.2	83.4	86.4	89.8	89.9	92.1	92.9	93.1	94.1	94.4	94.4	94.8	94.8	95.0	95.3
IVV 200	62.8	79.2	83.4	86.4	89.8	89.9	92.1	92.9	93.1	94.1	94.4	94.4	94.8	94.8	95.0	95.3
IVV 100	62.8	79.2	83.4	86.4	89.8	89.9	92.1	92.9	93.1	94.1	94.4	94.4	94.8	94.8	95.0	95.3
IVV 0	62.8	79.2	83.4	86.4	89.8	89.9	92.1	92.9	93.1	94.1	94.4	94.4	94.8	94.8	95.0	95.3

TOTAL NUMBER OF OBSERVATIONS — 1943

0  
2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1953 ENGLAND AFB, LOUISIANA/ALEXANDRIA 43-44,52-70 YEARS DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.3	41.3	42.3	43.4	44.3	44.5	44.9	45.1	45.1	45.4	45.5	45.5	45.6	45.6	45.9	46.3
≥ 20000	36.1	43.5	44.5	45.7	46.6	46.7	47.2	47.4	47.4	47.7	47.8	47.8	47.9	47.9	48.2	48.8
IVV 18000	36.1	43.5	44.5	45.7	46.6	46.7	47.2	47.4	47.4	47.7	47.8	47.8	47.9	47.9	48.2	48.8
IVV 16000	36.2	43.6	44.6	45.8	46.7	46.9	47.3	47.6	47.6	47.9	48.0	48.0	48.1	48.1	48.4	49.0
IVV 14000	36.9	44.5	45.9	47.1	48.0	48.2	48.6	48.8	48.8	49.2	49.3	49.3	49.4	49.4	49.7	50.3
IVV 12000	37.7	46.0	47.1	48.2	49.2	49.3	49.7	50.0	50.0	50.3	50.4	50.4	50.5	50.5	50.8	51.4
IVV 10000	37.9	46.3	47.5	48.6	49.6	49.7	50.2	50.4	50.4	50.7	50.8	50.8	50.9	50.9	51.3	51.9
IVV 9000	39.2	47.9	49.1	50.2	51.2	51.3	51.8	52.0	52.0	52.3	52.4	52.4	52.5	52.5	52.8	53.5
IVV 8000	40.5	49.8	51.2	52.4	53.4	53.5	54.1	54.3	54.3	54.6	54.7	54.7	54.8	54.8	55.1	55.8
IVV 7000	41.5	51.0	52.4	53.6	54.5	54.7	55.3	55.6	55.6	55.9	56.0	56.0	56.1	56.1	56.4	57.0
IVV 6000	43.7	54.0	55.4	56.6	57.6	57.8	58.3	58.7	58.7	59.0	59.1	59.1	59.2	59.2	59.5	60.2
IVV 5000	44.3	55.3	56.7	58.0	59.1	59.3	60.0	60.2	60.2	60.5	60.6	60.6	60.7	60.7	61.0	61.6
IVV 4500	45.5	56.7	58.1	59.5	60.7	60.9	61.5	61.8	61.8	62.1	62.2	62.2	62.3	62.3	62.6	63.2
IVV 4000	46.1	57.6	59.2	60.6	61.8	62.0	62.7	62.9	62.9	63.2	63.3	63.3	63.4	63.4	63.7	64.4
IVV 3500	46.6	58.6	60.4	61.8	63.1	63.3	64.2	64.2	64.2	64.5	64.6	64.6	64.7	64.7	65.0	65.6
IVV 3000	47.4	60.2	62.1	63.6	65.0	65.2	65.9	66.2	66.2	66.5	66.6	66.6	66.7	66.7	67.0	67.6
IVV 2500	49.2	62.8	64.8	66.5	68.0	68.2	69.0	69.2	69.2	69.6	69.7	69.7	69.8	69.8	70.2	70.8
IVV 2000	49.9	63.4	65.4	67.5	69.0	69.3	70.0	70.3	70.4	70.7	70.8	70.8	71.0	71.0	71.3	71.9
IVV 1800	50.8	65.2	67.6	69.8	71.4	71.8	72.7	72.9	73.0	73.3	73.4	73.4	73.6	73.6	73.9	74.5
IVV 1500	51.7	67.4	69.8	72.1	73.9	74.3	75.2	75.5	75.5	75.8	76.0	76.0	76.2	76.2	76.5	77.2
IVV 1200	52.5	69.2	71.9	74.2	76.1	76.5	77.5	77.8	77.8	78.1	78.3	78.3	78.5	78.5	78.8	79.5
IVV 1000	52.6	69.8	72.7	75.3	77.3	77.8	78.6	79.2	79.2	79.5	79.7	79.7	79.9	79.9	80.2	80.9
IVV 900	53.0	71.3	74.4	77.1	79.3	79.7	80.8	81.3	81.3	81.6	81.8	81.8	82.0	82.0	82.4	83.1
IVV 800	53.1	71.6	75.0	77.7	80.2	80.7	82.0	82.4	82.4	82.8	83.0	83.0	83.2	83.2	83.6	84.3
IVV 700	53.4	72.6	75.7	79.7	82.8	83.3	84.7	85.3	85.4	85.8	86.0	86.0	86.2	86.2	86.6	87.3
IVV 600	53.5	73.3	77.8	80.8	84.0	84.6	86.3	86.9	86.9	87.5	87.7	87.7	87.9	87.9	88.3	88.9
IVV 500	53.5	73.9	78.6	81.8	85.5	86.1	88.2	88.9	89.0	89.7	89.9	89.9	90.3	90.4	90.8	91.5
IVV 400	53.6	74.3	79.2	82.4	86.2	86.9	89.3	90.5	90.7	91.7	92.0	92.0	92.5	92.6	93.1	94.0
IVV 300	53.6	74.3	79.2	82.4	86.3	86.9	89.3	90.9	91.1	92.3	92.8	92.8	93.7	93.9	94.7	95.8
IVV 200	53.6	74.3	79.2	82.4	86.3	86.9	89.3	90.9	91.1	92.7	93.2	93.2	93.0	93.2	93.6	94.0
IVV 100	53.6	74.3	79.2	82.4	86.3	86.9	89.3	90.9	91.1	92.7	93.2	93.2	93.1	93.4	93.8	94.0
IVV 0	53.6	74.3	79.2	82.4	86.3	86.9	89.3	90.9	91.1	92.7	93.2	93.2	93.1	93.4	93.8	94.0

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

13844 ENGLAND AFS LOUISIANA/ALEXANDRIA 43-44-52-70

SEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	26.8	34.8	36.0	37.1	38.4	38.5	39.0	39.4	39.5	40.0	40.1	40.1	40.4	40.5	40.7	41.2
IV 18000 16000	27.3	37.3	39.4	40.6	42.0	42.2	42.8	43.2	43.3	43.8	43.9	43.9	44.3	44.4	44.7	45.2
IV 14000 12000	29.4	37.6	39.7	40.8	42.2	42.4	43.0	43.4	43.5	44.0	44.1	44.1	44.5	44.6	44.9	45.5
IV 10000 9000	30.2	38.6	40.7	42.0	43.4	43.7	44.3	44.7	44.8	45.4	45.5	45.5	45.9	46.0	46.3	46.9
IV 8000 7000	31.5	40.3	42.6	43.9	45.4	45.7	46.3	46.7	46.8	47.5	47.6	47.6	48.1	48.2	48.4	49.1
IV 6000 5000	32.5	42.0	44.3	45.6	47.2	47.4	48.1	48.5	48.6	49.2	49.3	49.3	49.8	49.9	50.2	50.9
IV 4500 4000	33.8	43.4	46.1	47.5	49.1	49.3	50.0	50.4	50.6	51.2	51.3	51.3	51.8	51.9	52.2	52.9
IV 3500 3000	34.1	44.5	47.2	48.7	50.4	50.7	51.5	51.9	52.0	52.7	52.9	52.9	53.4	53.5	53.8	54.5
IV 2500 2000	36.7	46.7	50.2	51.6	53.5	53.7	54.6	55.0	55.1	55.8	55.9	55.9	56.5	56.6	56.9	57.5
IV 1800 1500	37.6	50.0	52.9	54.4	56.5	56.8	57.6	58.0	58.2	58.9	59.1	59.1	59.7	59.8	60.0	60.7
IV 1200 1000	38.2	51.1	54.0	55.0	57.8	58.1	58.9	59.4	59.5	60.2	60.4	60.4	61.0	61.1	61.4	62.0
IV 900 800	39.4	53.6	56.7	58.5	60.9	61.2	62.2	62.7	62.9	63.6	63.7	63.7	64.4	64.5	64.8	65.5
IV 700 600	40.6	55.1	58.4	60.5	63.1	63.4	64.4	65.1	65.3	66.1	66.3	66.3	67.0	67.2	67.5	68.1
IV 500 400	40.9	55.9	59.4	61.4	64.0	64.3	65.4	66.0	66.3	67.1	67.3	67.3	68.0	68.1	68.4	69.1
IV 300 200	41.9	57.1	60.7	62.8	65.5	65.8	66.9	67.5	67.8	68.6	68.8	68.8	69.5	69.7	70.0	70.6
IV 100 0	42.7	59.4	63.2	65.7	68.6	69.1	70.2	71.0	71.2	72.1	72.3	72.3	73.0	73.2	73.5	74.2
	43.2	61.1	65.2	67.8	71.0	71.4	72.6	73.4	73.7	74.6	74.8	74.8	75.6	75.8	76.1	76.7
	43.4	61.8	66.1	69.0	72.4	72.9	74.3	75.2	75.4	76.3	76.5	76.5	77.3	77.5	77.8	78.5
	43.7	62.6	67.3	70.2	73.8	74.2	75.8	76.7	76.9	77.8	78.1	78.2	78.9	79.1	79.3	80.1
	43.9	63.5	68.5	71.8	75.5	76.0	77.8	78.6	78.9	80.1	80.3	80.3	81.1	81.4	81.7	82.3
	44.0	64.5	70.0	73.6	77.6	78.1	80.2	81.0	81.4	82.7	83.0	83.0	83.8	84.1	84.4	85.1
	44.0	65.5	71.2	75.0	79.3	79.9	82.4	83.5	83.8	85.3	85.7	85.8	86.6	86.6	87.1	87.8
	44.0	66.0	72.0	76.0	80.7	81.4	84.3	85.9	86.4	88.3	88.9	89.0	90.3	90.5	90.8	91.5
	44.0	66.1	72.3	76.5	81.3	82.0	85.7	87.3	88.1	90.3	91.1	91.2	92.6	92.9	93.6	94.4
	44.0	66.1	72.4	76.5	81.4	82.1	86.0	87.9	88.7	91.2	92.3	92.5	94.1	94.5	95.3	96.3
	44.0	66.1	72.4	76.5	81.4	82.1	86.0	87.9	88.8	91.4	92.5	92.6	94.7	95.1	96.5	98.1
	44.0	66.1	72.4	76.5	81.4	82.1	86.0	87.9	88.8	91.4	92.5	92.6	94.8	95.2	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1952

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

~~13224~~ ENGLAND AFB LUISIANA/ALEXANDRIA 43-44, 52-70 YEARS

SEC

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.2	37.1	38.6	38.9	39.7	39.7	39.8	40.0	40.0	40.0	40.1	40.1	40.2	40.2	40.3	40.4
≥ 20000	32.0	42.4	44.0	44.6	45.6	45.6	45.8	45.9	45.9	45.9	46.1	46.1	46.1	46.1	46.2	46.4
IV 18000	32.8	42.7	44.3	44.9	45.9	45.9	46.1	46.2	46.2	46.2	46.4	46.4	46.4	46.4	46.5	46.7
IV 16000	33.0	43.0	44.5	45.2	46.1	46.2	46.3	46.5	46.5	46.5	46.6	46.6	46.7	46.7	46.8	47.0
IV 14000	33.5	43.6	45.1	45.8	46.7	46.8	47.0	47.1	47.1	47.1	47.3	47.3	47.3	47.3	47.4	47.6
IV 12000	34.2	44.8	46.4	47.1	48.1	48.1	48.3	48.4	48.4	48.4	48.6	48.6	48.6	48.6	48.7	48.9
IV 10000	35.0	46.0	47.7	48.5	49.5	49.6	49.7	49.9	49.9	49.9	50.0	50.0	50.0	50.1	50.2	50.3
IV 9000	36.1	46.7	48.4	49.2	50.3	50.3	50.5	50.6	50.6	50.6	50.8	50.8	50.8	50.8	50.9	51.1
IV 8000	37.1	48.1	49.9	50.7	51.8	51.9	52.0	52.2	52.2	52.2	52.3	52.3	52.3	52.4	52.4	52.6
IV 7000	37.6	48.2	50.1	50.9	52.8	52.8	53.0	53.1	53.2	53.2	53.4	53.4	53.4	53.6	53.6	53.9
IV 6000	37.6	51.3	53.3	54.1	55.4	55.6	55.8	56.0	56.0	56.1	56.3	56.3	56.4	56.4	56.5	56.7
IV 5000	38.9	53.2	55.3	56.3	57.5	57.8	58.0	58.1	58.1	58.3	58.5	58.5	58.5	58.5	58.7	58.8
IV 4500	39.6	54.3	56.5	57.7	58.9	59.2	59.4	59.6	59.6	59.7	59.9	59.9	60.0	60.0	60.1	60.3
IV 4000	40.1	55.1	57.5	58.7	59.9	60.2	60.4	60.6	60.6	60.7	60.9	60.9	61.0	61.0	61.1	61.3
IV 3500	40.8	56.4	58.8	60.1	61.3	61.8	62.0	62.2	62.2	62.4	62.6	62.6	62.6	62.6	62.8	62.9
IV 3000	41.4	57.7	60.2	61.5	62.9	63.2	63.5	63.7	63.7	63.9	64.1	64.1	64.2	64.2	64.3	64.5
IV 2500	42.1	59.1	61.8	63.1	64.6	65.0	65.2	65.4	65.4	65.7	65.9	65.9	66.0	66.0	66.1	66.2
IV 2000	43.3	61.0	64.1	65.5	67.1	67.5	67.8	67.9	67.9	68.2	68.4	68.4	68.5	68.5	68.6	68.8
IV 1800	43.6	61.3	64.5	65.9	67.5	67.9	68.2	68.4	68.4	68.6	68.8	68.8	68.8	68.9	68.9	69.1
IV 1500	45.0	63.4	66.9	68.6	70.4	70.8	71.2	71.4	71.4	71.7	71.9	71.9	72.0	72.0	72.1	72.3
IV 1200	45.8	65.6	69.4	71.1	73.1	73.6	74.1	74.3	74.3	74.6	74.8	74.8	74.9	74.9	75.0	75.2
IV 1000	46.1	67.1	71.2	73.1	75.2	75.8	76.4	76.5	76.6	76.8	77.0	77.0	77.1	77.1	77.3	77.4
IV 900	46.5	68.3	72.5	74.6	76.8	77.4	78.1	78.3	78.3	78.6	78.8	78.8	78.9	78.9	79.0	79.2
IV 800	46.6	68.7	72.7	74.7	76.9	77.5	78.2	78.4	78.4	78.7	78.9	78.9	79.0	79.0	79.1	79.3
IV 700	46.8	70.7	75.8	78.5	81.3	82.0	83.0	83.4	83.4	84.0	84.2	84.2	84.3	84.3	84.4	84.6
IV 600	47.0	71.3	76.6	79.5	82.4	83.4	84.6	85.0	85.1	85.7	86.0	86.0	86.1	86.1	86.2	86.4
IV 500	47.0	72.1	77.9	81.1	84.8	85.5	87.1	88.1	88.3	89.3	89.6	89.6	89.7	89.7	90.0	90.1
IV 400	47.1	72.4	78.4	81.9	86.6	87.4	90.1	91.6	92.0	93.4	94.3	94.4	94.5	94.5	94.7	94.8
IV 300	47.1	72.5	78.6	82.1	86.9	87.9	90.9	92.6	93.2	95.0	96.2	96.3	96.6	96.7	97.0	97.3
IV 200	47.1	72.6	78.7	82.2	87.0	88.0	91.1	93.1	93.7	95.7	97.1	97.2	97.5	97.7	98.2	98.8
IV 100	47.1	72.6	78.7	82.2	87.0	88.0	91.1	93.1	93.7	95.7	97.3	97.3	97.8	98.1	98.6	99.6
IV 0	47.1	72.6	78.7	82.2	87.0	88.0	91.1	93.1	93.7	95.7	97.3	97.3	97.8	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1531

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13934 ENGLAND AIR LOUISIANA/ALEXANDRIA 43-44-52-70 YEARS DEC 1953

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	35.5	40.1	40.5	40.5	40.7	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 20000	41.5	47.9	48.4	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 18000	41.7	48.3	48.8	48.9	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
IV 16000	42.2	48.8	49.3	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
IV 14000	43.2	49.8	50.4	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
IV 12000	43.8	51.2	51.9	51.9	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 10000	45.1	53.2	53.9	54.0	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 9000	45.9	53.6	54.5	54.6	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
IV 8000	45.9	54.8	55.6	55.7	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 7000	47.3	55.9	57.7	57.9	58.1	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4
IV 6000	48.3	58.5	59.3	59.8	60.0	60.1	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 5000	49.5	60.5	61.3	61.9	62.2	62.3	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 4500	50.1	61.2	62.0	62.6	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 4000	51.2	62.7	63.6	64.3	64.8	64.8	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 3500	52.1	63.8	64.7	65.5	66.0	66.1	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 3000	53.9	65.9	67.0	67.9	68.4	68.5	68.5	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 2500	55.8	68.9	70.0	71.0	71.5	71.5	71.6	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 2000	57.6	72.0	73.8	74.7	75.3	75.3	75.4	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 1800	58.3	73.1	74.6	75.7	76.4	76.5	76.6	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 1500	59.8	75.4	77.2	78.4	79.1	79.2	79.3	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 1200	60.7	77.8	79.8	81.2	82.1	82.2	82.4	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 1000	61.1	79.3	81.7	83.3	84.2	84.4	84.4	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 900	61.4	80.0	82.6	84.3	85.4	85.6	86.0	86.1	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 800	61.6	81.2	83.9	85.8	87.1	87.3	87.8	88.0	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4
IV 700	61.8	81.9	84.8	87.0	88.8	89.0	89.8	90.0	90.0	90.3	90.4	90.4	90.4	90.4	90.4	90.4
IV 600	61.8	82.3	86.0	88.4	90.4	90.7	91.5	91.7	91.8	92.1	92.4	92.4	92.4	92.4	92.4	92.4
IV 500	61.8	83.2	87.3	90.2	92.6	93.0	94.3	94.7	94.8	95.4	95.9	95.9	96.0	96.0	96.0	96.0
IV 400	61.9	83.6	88.0	91.1	93.9	94.4	96.1	96.7	96.8	97.6	98.2	98.2	98.3	98.3	98.3	98.3
IV 300	61.9	83.7	88.1	91.4	94.3	94.9	96.8	97.7	98.0	98.7	99.2	99.2	99.4	99.4	99.4	99.4
IV 200	61.9	83.7	88.1	91.4	94.3	94.9	96.8	97.8	98.1	99.0	99.6	99.6	99.8	99.8	99.8	99.8
IV 100	61.9	83.7	88.1	91.4	94.3	94.9	96.8	97.8	98.1	99.0	99.6	99.6	99.8	99.8	99.8	99.8
IV 0	61.9	83.7	88.1	91.4	94.3	94.9	96.8	97.8	98.1	99.0	99.6	99.6	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13776 ENGLAND AFB LUISIANA/ALEXANDRIA 43-44, 52-70 YEARS 816

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1300-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	39.2	42.4	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
IVV 18000 16000	45.9	50.4	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
IVV 14000 12000	46.9	51.6	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IVV 10000 9000	47.6	52.4	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IVV 8000 7000	49.3	54.6	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IVV 6000 5000	51.4	57.3	58.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
IVV 4500 4000	51.6	57.8	58.6	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IVV 3500 3000	54.2	61.6	62.3	62.9	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IVV 2500 2000	55.9	64.1	65.1	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3
IVV 1800 1500	56.8	65.0	66.0	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2
IVV 1200 1000	58.4	67.2	68.3	69.1	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IVV 900 800	59.5	68.5	69.6	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IVV 700 600	61.3	71.3	72.4	73.7	73.9	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IVV 500 400	63.3	73.7	75.1	76.6	76.8	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IVV 300 200	64.4	76.2	77.7	79.5	79.9	80.1	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IVV 100 0	64.6	76.7	78.2	80.0	80.4	80.6	80.7	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IVV 100 0	65.4	78.5	80.1	82.0	82.5	82.8	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IVV 100 0	65.8	80.1	82.0	83.9	84.6	84.9	85.0	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IVV 100 0	66.2	81.5	83.5	85.6	86.4	86.7	86.9	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IVV 100 0	66.3	82.2	84.3	86.5	87.5	87.8	88.0	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IVV 100 0	66.7	82.9	85.4	87.8	88.9	89.2	89.6	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1
IVV 100 0	66.8	83.7	86.3	89.1	90.6	90.9	91.5	91.9	92.0	92.1	92.2	92.2	92.2	92.2	92.3	92.3
IVV 100 0	66.8	84.4	87.3	90.3	92.1	92.5	93.2	93.8	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.2
IVV 100 0	66.9	85.0	88.1	91.3	93.8	94.2	95.1	95.8	95.9	96.1	96.3	96.3	96.4	96.5	96.5	96.5
IVV 100 0	66.9	85.2	88.5	91.8	94.8	95.2	96.5	97.8	98.0	98.8	99.0	99.0	99.2	99.4	99.4	99.4
IVV 100 0	66.9	85.2	88.5	91.9	94.8	95.2	96.9	98.0	98.1	98.9	99.2	99.2	99.5	99.7	99.8	99.8
IVV 100 0	66.9	85.2	88.5	91.9	94.8	95.2	96.9	98.0	98.1	99.0	99.3	99.3	99.5	99.8	100.0	100.0
IVV 100 0	66.9	85.2	88.5	91.9	94.8	95.2	96.9	98.0	98.1	99.0	99.3	99.3	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1953

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13844 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-44-52-70 YEARS DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1953-1959

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING N 20000	42.5	46.2	47.1	47.6	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1
IV 18000 N 16000	42.5	46.2	47.1	47.6	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1
IV 14000 N 12000	48.0	53.1	54.3	54.8	55.2	55.2	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 10000 N 9000	50.1	55.0	56.2	56.7	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3
IV 8000 N 7000	51.6	57.0	58.2	58.7	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3
IV 6000 N 5000	52.0	57.0	58.8	59.3	59.7	59.7	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 4500 N 4000	53.1	59.1	60.4	61.0	61.3	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 3500 N 3000	54.5	60.7	62.1	62.7	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4
IV 2500 N 2000	55.1	61.5	63.0	63.6	64.0	64.0	64.1	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4
IV 1800 N 1500	57.1	64.1	65.8	66.4	66.8	66.8	66.9	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2
IV 1200 N 1000	58.0	65.1	66.9	67.5	67.9	67.9	68.0	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3
IV 900 N 800	59.7	67.3	69.1	69.7	70.1	70.1	70.2	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.5
IV 700 N 600	60.9	68.9	71.0	71.8	72.2	72.2	72.3	72.4	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6
IV 500 N 400	62.1	70.5	73.1	74.0	74.6	74.6	74.8	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 300 N 200	63.1	72.2	75.0	76.2	76.8	76.8	77.1	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4
IV 100 N 0	64.3	73.2	76.2	77.6	78.3	78.3	78.6	78.7	78.7	78.8	78.8	78.8	78.9	78.9	78.9	78.9
IV 0	64.7	75.4	78.6	80.2	80.9	80.9	81.2	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5
	64.9	76.1	79.6	81.3	82.1	82.1	82.4	82.5	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8
	66.1	78.1	81.8	83.6	84.4	84.4	84.8	85.0	85.0	85.3	85.3	85.3	85.4	85.4	85.4	85.4
	66.4	79.2	83.2	85.0	86.1	86.1	86.6	86.8	86.8	87.1	87.1	87.1	87.2	87.2	87.2	87.2
	66.6	80.0	84.1	86.0	87.1	87.1	87.7	87.9	88.0	88.3	88.3	88.3	88.4	88.4	88.4	88.4
	66.8	80.8	85.0	87.1	88.4	88.4	88.9	89.1	89.2	89.5	89.5	89.5	89.6	89.6	89.6	89.6
	66.9	81.7	86.2	88.4	90.0	90.2	90.7	90.9	91.0	91.3	91.3	91.3	91.4	91.4	91.5	91.5
	67.0	82.7	87.4	89.8	91.6	91.8	92.5	92.8	93.0	93.3	93.3	93.3	93.4	93.5	93.5	93.5
	67.2	83.4	88.4	91.3	93.4	93.8	94.8	95.1	95.3	95.9	96.0	96.0	96.0	96.1	96.2	96.2
	67.2	83.6	88.7	91.8	94.2	94.7	96.3	96.9	97.1	97.9	98.0	98.0	98.1	98.2	98.2	98.2
	67.2	83.6	88.8	91.9	94.5	94.9	96.7	97.4	97.7	98.6	98.8	98.8	98.9	99.0	99.0	99.0
	67.2	83.6	88.8	91.9	94.5	94.9	96.9	97.6	97.8	98.8	99.0	99.0	99.2	99.4	99.6	99.7
	67.2	83.6	88.8	91.9	94.5	94.9	96.9	97.6	97.9	99.0	99.1	99.1	99.4	99.6	99.8	100.0
	67.2	83.6	88.8	91.9	94.5	94.9	96.9	97.6	97.9	99.0	99.1	99.1	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1953

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13936 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-44-52-70 YEARS 556

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

7100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	44.0	48.4	49.4	50.0	50.3	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.6	50.6	50.7	50.7
IVV 18000	48.9	53.0	54.0	54.9	55.2	55.2	55.2	55.3	55.3	55.3	55.4	55.4	55.5	55.5	55.6	55.6
IVV 16000	48.5	53.2	54.2	55.1	55.4	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.7	55.7	55.8	55.8
IVV 14000	48.6	53.3	54.5	55.2	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.9	55.9
IVV 12000	49.2	54.1	55.1	56.0	56.2	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.6	56.6	56.7	56.7
IVV 10000	50.8	56.0	57.1	58.1	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.7	58.7
IVV 9000	51.5	56.6	57.8	58.7	59.0	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.3	59.3	59.4	59.4
IVV 8000	52.2	57.8	58.9	59.9	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.5	60.5
IVV 7000	53.4	59.0	60.3	61.3	61.6	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.2	62.2
IVV 6000	53.9	59.8	61.1	62.2	62.7	62.7	62.8	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.1	63.1
IVV 5000	55.9	62.1	63.5	64.7	65.2	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.6	65.6
IVV 4500	56.6	63.2	64.7	65.9	66.4	66.5	66.5	66.6	66.6	66.6	66.6	66.7	66.7	66.8	66.8	66.9
IVV 4000	58.0	65.2	66.8	68.1	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.9	68.9	69.0	69.0
IVV 3500	58.4	65.9	67.5	69.1	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.8	69.8	69.9	69.9	70.0
IVV 3000	59.7	67.7	69.4	70.9	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.9	71.9	72.0
IVV 2500	60.6	69.3	71.2	72.9	73.5	73.6	73.7	73.8	73.8	73.8	73.8	73.9	73.9	74.0	74.0	74.1
IVV 2000	62.4	71.7	73.7	75.5	76.2	76.3	76.3	76.6	76.6	76.6	76.6	76.7	76.8	76.8	76.9	77.0
IVV 1800	63.0	72.6	74.6	76.3	77.1	77.2	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.8
IVV 1500	63.7	73.8	75.9	77.8	78.4	78.5	78.7	78.8	78.8	78.8	78.8	78.9	78.9	78.9	79.0	79.0
IVV 1200	65.4	76.5	78.8	80.8	81.9	82.0	82.2	82.3	82.3	82.4	82.5	82.5	82.6	82.6	82.7	82.7
IVV 1000	65.8	77.8	80.3	82.4	83.6	83.7	84.0	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.4	84.4
IVV 900	66.2	78.6	81.3	83.6	85.0	85.2	85.4	85.5	85.5	85.6	85.7	85.7	85.8	85.8	85.9	85.9
IVV 800	66.4	79.7	82.8	85.4	86.9	87.0	87.4	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.8	87.8
IVV 700	66.7	80.5	83.8	86.6	88.2	88.4	88.7	88.8	88.8	89.0	89.0	89.0	89.1	89.1	89.2	89.2
IVV 600	66.9	81.9	85.4	88.3	90.3	90.7	91.2	91.3	91.3	91.5	91.6	91.6	91.7	91.7	91.8	91.8
IVV 500	67.0	82.9	86.8	89.9	92.5	92.9	93.7	93.9	93.9	94.2	94.2	94.2	94.4	94.4	94.5	94.5
IVV 400	67.0	83.1	87.1	90.4	93.2	93.9	94.8	95.3	95.3	96.0	96.2	96.2	96.3	96.4	96.5	96.5
IVV 300	67.1	83.1	87.2	90.5	93.5	94.2	95.4	96.4	96.4	97.4	97.6	97.6	97.8	97.8	98.0	98.1
IVV 200	67.1	83.1	87.2	90.5	93.5	94.2	95.6	96.6	96.7	97.8	98.2	98.2	98.5	98.5	98.8	98.8
IVV 100	67.1	83.1	87.2	90.5	93.5	94.2	95.6	96.6	96.7	97.9	98.4	98.4	98.8	99.0	99.3	99.3
IVV 0	67.1	83.1	87.2	90.5	93.5	94.2	95.6	96.6	96.7	97.9	98.5	98.5	98.9	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1953

## PART D

## SKY COVER

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

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

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

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

2  
 DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

SKY COVER

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 52-70 ALL  
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 NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	21.6	3.6	3.6	3.4	2.5	2.1	2.8	4.0	5.3	4.6	46.5	6.4	13385
FEB		25.1	4.1	3.7	3.1	2.7	2.0	3.0	3.8	5.2	4.5	42.7	6.0	12187
MAR		23.2	4.5	4.4	4.1	3.2	2.3	2.9	3.8	6.7	5.0	39.9	5.9	13380
APR		20.3	4.2	4.5	4.3	3.9	3.3	3.8	5.5	7.4	6.0	36.7	6.0	13327
MAY		20.1	5.5	5.8	5.8	5.7	5.2	5.1	6.8	9.1	6.6	24.3	5.4	14125
JUN		22.3	7.2	7.6	8.0	6.8	6.3	5.5	6.8	8.1	5.2	16.3	4.6	13665
JUL		15.6	6.3	7.8	7.7	8.1	6.9	5.9	7.5	9.8	6.4	18.2	5.2	14119
AUG		21.1	6.7	8.1	7.9	7.4	5.9	4.4	7.1	8.5	5.6	17.4	4.7	14128
SEP		30.2	7.3	6.5	6.2	5.0	4.6	3.8	5.7	6.1	4.2	20.4	4.4	13668
OCT		39.0	7.2	5.8	5.1	4.3	3.5	3.0	4.3	4.7	3.7	19.5	3.8	14126
NOV		31.5	5.0	4.8	3.9	3.3	2.9	3.6	4.6	5.9	5.1	29.4	5.0	13672
DEC		26.9	3.9	3.5	2.9	2.3	1.9	2.4	3.6	5.2	4.9	42.5	5.9	14123
TOTALS		24.7	5.5	5.5	5.2	4.6	3.9	3.9	5.3	6.8	5.2	29.5	5.3	163905

2  
 DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/HAC

SKY COVER

13934  
 STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
 STATION NAME

53-70  
 PERIOD

JAN  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	31.1	2.3	3.8	3.2	1.8	1.6	2.2	2.9	4.3	2.1	44.8	5.7	1673
	03-05	28.8	2.7	3.0	1.7	2.2	1.6	2.6	3.0	4.2	1.8	48.3	6.0	1673
	06-08	18.4	3.2	3.9	3.1	2.2	2.0	2.2	4.3	4.9	4.7	51.0	6.8	1672
	09-11	13.8	3.2	3.1	3.2	2.6	2.4	2.6	3.5	5.4	7.2	52.9	7.2	1672
	12-14	15.3	3.6	3.0	3.5	2.9	3.4	3.2	3.9	6.1	7.4	47.6	6.9	1673
	15-17	16.1	4.3	3.5	4.0	2.4	2.0	2.9	5.5	7.6	7.4	44.3	6.7	1674
	18-20	20.8	6.1	4.7	4.2	3.3	2.2	3.2	5.0	5.9	3.0	41.8	6.0	1674
	21-23	28.4	3.0	4.1	4.0	2.8	1.7	3.2	3.6	4.3	3.2	41.5	5.7	1674
	TOTALS	21.6	3.6	3.6	3.4	2.5	2.1	2.8	4.0	5.3	4.6	46.5	6.4	13.3















1  
2  
DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

### SKY COVER

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

52-70  
PERIOD

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	90.7	6.9	5.6	3.8	2.4	1.6	2.3	3.5	4.7	2.0	16.5	3.1	1708
	03-05	46.5	5.7	6.4	4.4	2.9	2.5	3.4	3.4	3.6	1.7	19.5	3.4	1706
	06-08	25.8	9.7	6.9	6.1	5.0	3.5	3.6	5.6	4.9	3.9	25.2	4.7	1708
	09-11	22.7	8.2	6.5	6.3	6.0	6.5	4.3	7.3	6.9	5.4	19.7	4.7	1710
	12-14	12.5	5.8	4.8	8.4	9.9	10.8	5.7	7.8	8.7	6.3	20.4	5.5	1710
	15-17	14.2	6.6	7.3	8.8	7.0	6.8	4.5	6.4	9.2	6.6	22.7	5.4	1709
	18-20	25.2	8.8	7.6	6.5	3.7	2.8	3.7	7.6	7.1	5.3	21.6	4.7	1708
	21-23	43.8	7.5	6.7	5.1	3.2	2.6	3.1	3.6	3.9	2.7	17.8	3.4	1709
TOTALS		30.2	7.3	6.5	6.2	5.0	4.6	3.8	5.7	6.1	4.2	20.4	4.4	13668

2

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SKY COVER**

1984 ENGLAND AFB LOUISIANA/ALEXANDRIA 52-70 OCT  
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
UCT	00-02	53.6	5.7	5.6	2.4	2.3	2.3	2.0	2.7	3.3	2.7	17.3	3.0	1766
	03-05	49.7	4.6	4.8	3.8	2.0	3.1	2.0	2.4	3.5	1.8	22.3	3.5	1767
	06-08	29.3	7.4	7.3	4.3	3.6	3.7	2.8	4.6	4.9	4.6	27.2	4.7	1765
	09-11	31.8	7.0	5.9	5.9	4.9	3.1	2.9	4.4	7.0	5.7	21.6	4.4	1767
	12-14	25.4	6.6	5.6	6.5	6.9	5.9	5.2	7.9	7.2	4.7	18.1	4.6	1755
	15-17	27.8	9.0	5.8	8.3	7.0	4.8	4.2	5.2	5.7	4.4	17.8	4.2	1767
	18-20	40.2	10.0	7.2	4.9	4.3	3.6	3.1	3.8	3.5	3.1	15.9	3.4	1765
	21-23	54.3	7.2	4.4	4.4	3.0	1.6	2.0	2.9	2.5	2.0	15.6	2.8	1764
<b>TOTALS</b>		<b>39.0</b>	<b>7.2</b>	<b>5.8</b>	<b>5.1</b>	<b>4.3</b>	<b>3.5</b>	<b>3.0</b>	<b>4.3</b>	<b>4.7</b>	<b>3.7</b>	<b>19.5</b>	<b>3.8</b>	<b>14126</b>

1  
2  
DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

SKY COVER

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

52-70  
PERIOD

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	41.8	3.0	3.5	3.3	2.6	1.9	3.0	4.4	4.2	3.3	28.9	4.4	1707
	03-05	38.3	2.5	3.2	2.5	3.6	2.0	3.1	4.2	5.3	3.7	31.5	4.8	1708
	06-08	24.5	5.7	3.9	3.2	2.6	2.8	3.4	5.1	6.0	7.5	35.3	5.7	1709
	09-11	23.7	5.6	5.5	3.9	2.7	2.6	3.4	4.9	7.5	6.7	33.4	5.6	1710
	12-14	22.5	5.0	5.7	4.7	4.4	4.3	5.3	5.0	8.1	6.8	28.2	5.4	1710
	15-17	23.7	6.1	5.4	6.4	3.9	4.3	3.3	5.3	7.2	6.7	27.7	5.3	1709
	18-20	34.6	7.1	5.9	4.3	3.6	2.9	3.8	4.4	4.7	3.8	24.8	4.3	1709
	21-23	42.6	4.7	5.1	3.0	2.6	2.6	3.5	3.5	4.4	2.6	25.5	4.1	1710
TOTALS		31.5	5.0	4.8	3.9	3.3	2.9	3.6	4.6	5.9	5.1	29.4	5.0	13672

2

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SKY COVER**

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

52-70  
PERIOD

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	36.2	1.9	2.0	2.8	2.0	1.5	2.3	2.7	3.2	2.9	42.5	3.4	1767
	03-05	34.2	1.6	2.9	2.4	1.2	1.3	1.5	2.9	3.8	3.5	44.7	5.6	1767
	06-08	23.1	4.8	3.2	2.3	2.2	1.5	2.3	3.2	6.3	5.0	46.2	6.3	1766
	09-11	19.4	3.9	4.4	3.4	2.5	2.2	1.9	3.5	6.2	6.8	45.9	6.5	1761
	12-14	19.0	4.8	3.8	2.8	3.2	2.9	3.4	4.8	7.2	6.6	41.4	6.3	1766
	15-17	20.1	5.3	4.4	3.5	3.2	2.6	2.6	4.0	6.4	7.7	40.3	6.2	1763
	18-20	28.0	5.6	3.8	3.3	2.5	1.5	3.4	4.0	4.9	4.0	38.9	5.5	1766
	21-23	35.4	3.5	3.2	2.7	1.8	1.6	1.6	3.7	3.6	2.5	40.3	5.2	1767
TOTALS		26.9	3.9	3.5	2.9	2.3	1.9	2.4	3.6	5.2	4.9	42.5	5.9	14123

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

## PART E PSYCHROMETRIC SUMMARIES

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

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
  - a. Daily maximum temperature
  - b. Daily minimum temperature
  - c. Daily mean temperature
  
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
  - a. Extreme maximum temperature
  - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
  
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
  - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

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

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma x$ ). The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

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

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
- a. Dry-bulb temperature
  - b. Wet-bulb temperature
  - c. Dew-point temperature
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
  - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

STATION 13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
105								.2					.0
100						.6	2.0	1.7	.2				.4
95					.2	18.6	30.0	29.3	9.1	.4			7.4
90				1.0	17.2	62.7	76.2	75.3	45.6	6.9			24.1
85		.2	2.4	13.3	57.6	87.7	94.3	93.5	73.7	25.2	1.7		38.1
80	.8	3.0	13.9	48.2	80.2	91.1	98.8	99.4	88.3	52.8	13.8	1.2	50.6
75	6.0	15.2	34.0	75.0	92.6	99.0	100.0	100.0	95.6	74.3	33.0	8.4	62.0
70	18.1	28.1	54.8	87.5	90.3	99.7			99.2	88.9	53.0	23.5	71.6
65	32.7	46.5	70.3	95.3	99.8	100.0			100.0	96.3	69.3	39.6	79.7
60	47.1	60.7	82.3	99.2	100.0					99.0	81.1	57.5	86.0
55	62.9	74.3	91.3	99.7						99.9	91.2	73.9	91.4
50	76.6	87.1	96.3	100.0						100.0	97.0	84.9	95.3
45	86.0	94.3	98.2								99.2	93.4	97.7
40	93.3	98.6	99.5								100.0	97.5	99.1
35	97.7	99.6	100.0									99.4	99.7
30	99.3	100.0										99.8	99.9
25	99.7											100.0	100.0
20	100.0												100.0
MEAN	58.1	62.3	69.1	77.8	84.3	90.4	92.1	91.9	87.6	79.2	69.0	60.9	76.9
S D	11.390	10.701	9.872	6.690	5.676	4.955	4.382	4.250	6.162	7.508	9.630	10.314	14.452
TOTAL OBS	620	565	620	616	651	630	651	651	658	682	660	651	7655

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DATA PROCESSING DIVISION

USAF ETAC

AIR WEATHER SERVICE/MAC

13934

ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70

STATION

STATION NAME

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
80						.2	.3						.0
75				.5	2.0	15.1	31.6	26.4	6.8	.6			7.0
70		.4	1.0	6.5	16.7	67.6	92.5	84.0	46.4	5.6	1.5		27.2
65	1.3	3.2	7.6	25.2	31.8	90.2	99.1	96.6	68.9	17.3	5.2	1.5	39.5
60	4.5	6.0	16.0	40.8	78.2	97.5	99.7	99.4	83.9	33.7	13.9	4.9	49.3
55	9.0	13.8	28.1	64.6	90.5	100.0	100.0	100.0	95.6	51.0	24.8	11.2	58.0
50	15.2	22.7	43.7	79.4	97.7				99.2	69.8	36.8	21.2	66.1
45	26.5	38.8	61.6	92.4	99.7				99.5	83.7	53.9	33.6	74.7
40	41.1	57.0	78.4	97.7	100.0				99.8	94.0	69.7	51.0	82.8
35	61.0	75.0	90.6	99.8					100.0	98.8	85.3	69.3	90.2
30	69.7	81.6	93.9							99.4	89.7	77.1	92.8
25	81.0	89.4	98.1	100.0						100.0	95.6	86.5	96.0
20	93.1	97.2	100.0								99.8	96.5	98.9
15	97.4	99.6									100.0	99.2	99.7
10	99.4	100.0										99.8	99.9
	100.0											100.0	100.0
MEAN	38.4	42.2	48.2	57.6	63.8	70.5	73.0	72.3	67.0	54.7	46.1	40.7	36.2
S D	10.691	10.377	10.248	8.731	6.288	4.287	2.726	3.442	6.478	9.307	10.716	10.392	14.894
TOTAL OBS	620	568	620	616	651	630	651	651	659	687	660	651	7656

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/PAO

DAILY TEMPERATURES

STATION 13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
90							.2	.2					.0
85					.5	15.2	28.3	26.1	4.4				6.3
80				1.5	14.6	67.9	87.9	82.6	44.2	4.5	.2		23.7
75	.2	.7	4.5	19.2	57.1	92.7	98.9	97.0	73.4	17.3	2.6		39.3
70	2.4	4.4	13.7	47.1	82.3	98.1	99.8	100.0	90.7	40.9	11.2	2.8	50.1
65	7.1	13.1	28.1	62.7	93.7	99.4	100.0		98.5	63.8	27.4	8.1	59.7
60	15.2	23.5	48.1	87.0	99.1	100.0			99.7	82.6	43.2	20.1	68.9
55	26.6	40.0	68.7	95.5	100.0				99.8	95.9	61.4	34.3	77.4
50	44.7	59.6	83.4	99.5					100.0	98.8	78.2	53.8	85.2
45	63.2	76.8	93.2	100.0						99.9	92.4	75.6	92.0
40	80.8	91.3	97.6							100.0	98.3	88.3	96.5
35	91.8	97.5	99.7								99.8	96.6	98.8
30	97.4	99.6	100.0								100.0	99.2	99.7
25	99.4	100.0										99.8	99.9
20	99.7											100.0	100.0
15	100.0												100.0
MEAN	48.4	52.4	58.9	67.9	74.3	80.6	82.8	82.3	77.5	67.2	57.8	51.0	66.8
S D	10.193	9.753	9.307	7.002	5.363	4.131	3.000	3.188	5.348	7.518	9.278	9.412	14.240
TOTAL OBS.	620	563	620	616	651	630	651	651	658	682	660	651	7655

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70  
STATION STATION NAME YEARS

WHOLE DEGREES FARENHEIT

MONTH/	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL
YEAR													MONTHS
43													
44	72	82	84	90	93	100	103	100	97	92	87	83	103
45	74	83	85	90	93	97	98	97	96	90	90	85	
52													
53	77	77	86	88	96	100	97	100	100	94	80	77	100
54	75	82	83	87	92	102	104	103	99	96	82	79	103
55	78	80	88	92	93	96	98	97	94	90	87	82	98
56	80	82	84	88	94	97	99	101	97	90	82	80	101
57	82	86	82	86	93	94	98	98	96	84	84	75	98
58	76	75	83	89	93	95	98	98	95	88	85	75	98
59	75	79	83	88	91	95	95	96	94	91	83	73	96
60	77	73	82	86	93	98	99	95	95	88	83	75	99
61	73	80	80	85	94	92	93	93	91	88	83	75	94
62	75	81	80	85	94	92	98	100	92	89	82	77	100
63	78	76	85	85	90	97	98	97	98	96	86	73	98
64	73	71	80	86	92	94	96	98	95	84	81	77	98
65	77	77	80	85	87	93	97	97		90	82	76	
66	73	72	87	86	89	95	99	95	95	90	84	79	99
67	75	78	86	86	90	95	94	95	88	88	85	79	95
68	73	68	79	83	92	95	96	94	91	91		72	96
69	77	79	78	82	92	97	100	99	96	93	85	75	100
70	80	75	80	87	90	96	101	98	95	90	79	80	101
MEAN	76.0	77.8	82.8	86.7	92.1	96.1	98.1	97.7	95.0	90.2	83.2	76.8	98.8
S. D.	2.714	4.526	2.763	2.408	2.056	2.587	2.623	2.689	2.837	3.275	1.967	2.809	2.728
TOTAL CBS	620	565	620	600	651	620	651	651	600	682	660	651	7581

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

MAXIMUM TEMPERATURE  
 (FROM DAILY OBSERVATIONS)

19934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA 42-45, 52-70 YEARS

WHOLE DEGREES FAHRENHEIT  
 /BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN	FEB	MAR	APR.	MAY	JUN.	JUL	AUG.	SEP	OCT	NOV.	DEC.	ALL MONTHS
43									94 29				MAX TEMP DAYS
52				90 16									MAX TEMP DAYS
65									95 29				MAX TEMP DAYS
MEAN													
S. D.													
TOTAL OBS.													

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

MINIMUM TEMPERATURE  
 (FROM DAILY OBSERVATIONS)

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70  
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH:	JAN	FEB	MAR	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43									56	35	27	19	
44	22	27	35	39	49	67	69	69	60	41	30	26	22
45	29	32	42	41	45	62	67	66	54	43	30		
52					48	63	70	62	52	30	29	23	
53	28	34	38	38	36	68	68	67	54	37	31	23	23
54	29	26	31	39	44	56	72	67	53	36	33	26	26
55	24	24	28	49	60	58	71	68	63	37	26	19	19
56	24	33	31	41	55	55	68	58	50	44	26	30	24
57	23	33	29	41	48	67	68	65	57	32	35	21	21
58	25	22	36	46	54	65	70	66	56	47	27	21	21
59	21	30	34	38	59	64	68	67	59	46	23	29	21
60	23	19	25	44	47	62	67	67	58	42	34	24	19
61	21	32	37	36	44	64	70	60	53	39	29	23	21
62	10	29	29	32	30	64	68	67	52	40	32	23	10
63	12	22	32	45	45	63	68	57	46	35	28	17	12
64	16	21	35	40	50	57	67	69	47	34	29	25	16
65	18	24	25	41	48	61	70	63		32	31	22	
66	16	25	28	37	54	59	71	61	56	42	26	22	16
67	23	24	34	49	50	58	57	60	36	36	30	26	24
68	20	18	35	40	52	61	60	60	51	38	28	25	18
69	22	28	31	45	51	58	68	63	54	39	25	29	22
70	18	25	31	37	46	55	64	68	51	39	25	26	18
MEAN	21.3	26.4	31.8	40.9	50.2	61.1	67.7	64.3	53.2	38.4	28.8	23.2	19.6
S. D.	5.162	4.838	4.607	4.352	4.679	4.182	3.554	3.757	5.691	4.531	3.096	4.265	4.146
TOTAL OBS	620	569	620	600	651	630	651	651	630	682	660	631	7611

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

MINIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

13934 STATION     ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME     43-45, 52-70 YEARS

WHOLE DEGREES FAHRENHEIT  
/BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT.	NOV	DEC	ALL MONTHS
52				42									MIN TEMP DAYS
65				16					51 29				MIN TEMP DAYS
MEAN													
S. D.													
TOTAL OBS.													

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70 ALL  
STATION STATION NAME YEARS MONTH

PAGE 1 ALL  
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
106/105																		1	1	
104/103														.0	.0	.0		8	8	
102/101												.0	.0	.0	.0		21	21		
100/99										.0	.0	.0	.0	.0	.0	.0	111	111		
98/97								.0	.0	.1	.1	.0	.0	.0	.0		434	434		
96/95								.0	.1	.2	.1	.0	.0	.0	.0	.0	1164	1164		
94/93				.0		.0	.0	.2	.4	.3	.1	.1	.0	.0	.0	.0	2161	2161		
92/91				.0	.0	.0	.2	.6	.5	.3	.1	.1	.0	.0	.0	.0	3388	3388		
90/89				.0	.0	.2	.6	.6	.4	.2	.1	.1	.0	.0	.0		4259	4259		
88/87		.0	.0	.0	.1	.6	.7	.5	.3	.2	.1	.0	.0	.0	.0		4495	4495	1	
86/85			.0	.1	.5	.7	.6	.4	.3	.2	.1	.0	.0	.0	.0		5226	5226	3	
84/83		.0	.1	.5	.7	.6	.4	.3	.2	.1	.1	.0	.0	.0	.0		5491	5492	22	
82/81		.0	.4	.8	.7	.5	.4	.3	.2	.1	.1	.0	.0	.0	.0		6259	6263	377	
80/79	.0	.2	1.1	1.0	.7	.5	.4	.2	.2	.1	.1	.0	.0	.0	.0		8096	8096	3050	
78/77	.0	.9	1.7	.9	.6	.4	.3	.2	.2	.1	.0	.0	.0	.0		9877	9878	9057		
76/75	.1	2.0	1.9	1.0	.6	.4	.3	.2	.1	.1	.1	.0	.0			12338	12338	13284		
74/73	.1	2.1	1.7	.9	.4	.3	.2	.2	.1	.1	.1	.0				11476	11478	14539		
72/71	.1	1.7	1.5	.8	.4	.3	.2	.1	.1	.1	.0					986	9866	14050		
70/69	.1	1.5	1.4	.7	.3	.2	.2	.2	.1	.1	.0	.0	.0			9107	9112	12831		
68/67	.1	1.3	1.2	.5	.3	.2	.2	.2	.1	.1	.0	.0				8045	8048	10655		
66/65	.2	1.2	1.0	.5	.3	.2	.2	.2	.1	.0	.0					7363	7364	9696		
64/63	.1	1.1	.8	.4	.3	.2	.2	.2	.1	.0	.0					6361	6362	8346		
62/61	.1	1.2	.6	.4	.3	.2	.2	.2	.1	.0	.0					5976	5976	7415		
60/59	.2	1.1	.6	.4	.3	.2	.2	.1	.1	.0						5940	5942	6990		
58/57	.1	1.0	.7	.4	.3	.3	.2	.1	.0	.0						5753	5754	6219		
56/55	.1	.9	.6	.4	.3	.3	.2	.1	.0							5440	5440	6392		
54/53	.1	.9	.6	.4	.3	.2	.2	.1	.0							5261	5261	5805		
52/51	.1	.9	.7	.4	.3	.2	.1	.0	.0							4957	4958	5914		
50/49	.1	.9	.7	.4	.3	.2	.1	.0								5099	5099	5953		
48/47	.1	.9	.6	.4	.3	.2	.0	.0								4736	4742	6060		
46/45	.1	.9	.6	.4	.3	.1	.0									4396	4396	5897		
44/43	.1	.7	.6	.3	.2	.1	.0									3774	3774	5081		
42/41	.1	.7	.5	.3	.1	.0	.0									3268	3268	4856		
40/39	.1	.7	.5	.3	.1	.0										3157	3157	4522		
Element (X)	Zx'	Zx	X	σx	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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70

ALL  
 MONTH

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

Temp. (F)	NET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
38/ 37	.1	.7	.4	.2	.1	.0												2722	2722	3932	4569
36/ 35	.1	.6	.3	.2	.0	.0												2136	2136	3208	4716
34/ 33	.1	.5	.3	.1	.0													1715	1715	2671	4165
32/ 31	.0	.4	.2	.1	.0													1254	1254	2182	3439
30/ 29	.0	.3	.2	.1	.0													994	994	1542	3244
28/ 27	.1	.2	.1	.0														697	697	1186	2671
26/ 25	.0	.1	.0	.0														366	366	756	2329
24/ 23	.0	.1	.0	.0														206	206	400	1761
22/ 21	.0	.0	.0															134	134	221	1353
20/ 19	.0	.0	.0															84	84	144	1010
18/ 17	.0	.0	.0															32	32	75	789
16/ 15	.0	.0	.0															29	29	33	528
14/ 13	.0	.0	.0															18	18	36	339
12/ 11	.0	.0																14	14	11	231
10/ 9		.0																1	1	12	172
8/ 7																				1	113
6/ 5																					52
4/ 3																					47
2/ 1																					37
0/ =1																					18
=2/ =3																					9
=4/ =5																					1
=6/ =7																					2
TOTAL	2.8	25.9	21.6	13.3	9.3	7.4	6.3	5.1	3.9	2.5	1.2	.5	.2	.1	.0	.0	.0	183705	183705	183706	183706

USAFETAC FORM 44-108 (OL A) 0-26-5 (OL A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total	
Ref. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F		
Dry Bulb	1016881954	12232032	72.0	18.634	183703			187.5	4819.5	3535.8	1758.5	184.7	8760
Wet Bulb	698458065	11038249	60.1	13.643	183703			322.7	3696.6	1921.2	66.9		8760
Dew Point	616673908	10254094	55.8	15.531	183706	1.5	882.6	2906.1	939.3	2.6			8760

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DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

JAN MONTH  
YEARS

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	
82/ 81						.0	.0	.0										5	5			
80/ 79					.0	.0	.0	.0										11	11			
78/ 77					.0	.0	.0	.0	.0									27	27			
76/ 75			.0	.1	.2	.1	.0	.0							.0			65	65			
74/ 73		.0	.1	.2	.1	.2	.1	.0	.0	.0					.0			120	120			
72/ 71		.1	.3	.4	.3	.3	.1	.1	.0	.1	.0				.0			235	235	9	1	
70/ 69	.0	.5	.7	.4	.2	.2	.1	.1	.1	.0	.0				.0			351	351	80	17	
68/ 67	.1	.5	.9	.3	.3	.2	.1	.1	.1	.0	.0				.0			399	399	226	121	
66/ 65	.0	.9	1.0	.3	.2	.3	.2	.1	.1	.0	.0				.0			493	493	321	161	
64/ 63	.1	.9	.7	.3	.2	.2	.2	.2	.2	.1	.0				.0			490	490	417	341	
62/ 61	.1	1.4	.9	.4	.3	.2	.2	.3	.1	.0	.0				.0			528	528	488	398	
60/ 59	.2	1.2	.9	.5	.4	.2	.2	.2	.1	.0	.0				.0			520	520	436	448	
58/ 57	.2	1.7	.9	.3	.4	.4	.2	.2	.0	.0	.0				.0			669	669	455	406	
56/ 55	.2	1.6	.6	.6	.4	.5	.2	.1	.0	.0	.0				.0			648	648	578	425	
54/ 53	.2	1.7	.9	.7	.5	.5	.4	.1	.0	.0	.0				.0			748	748	583	473	
52/ 51	.3	1.7	1.0	.6	.7	.4	.2	.0	.0	.0	.0				.0			751	751	667	491	
50/ 49	.4	2.2	1.4	.8	.8	.6	.2	.0	.0	.0	.0				.0			955	955	771	574	
48/ 47	.4	1.9	1.1	1.0	.8	.3	.1	.0	.0	.0	.0				.0			862	862	864	601	
46/ 45	.2	2.0	1.3	1.1	.7	.2	.0	.0	.0	.0	.0				.0			841	841	907	634	
44/ 43	.2	1.8	1.3	1.0	.7	.1	.0	.0	.0	.0	.0				.0			811	811	834	671	
42/ 41	.5	2.0	1.6	1.1	.4	.1	.0	.0	.0	.0	.0				.0			849	849	987	702	
40/ 39	.3	2.1	1.6	1.0	.4	.1	.0	.0	.0	.0	.0				.0			813	813	995	679	
38/ 37	.3	2.6	1.3	.9	.3	.0	.0	.0	.0	.0	.0				.0			806	806	1014	782	
36/ 35	.3	2.3	1.2	.6	.1	.0	.0	.0	.0	.0	.0				.0			674	674	913	918	
34/ 33	.2	2.0	1.1	.4	.0	.0	.0	.0	.0	.0	.0				.0			562	562	797	921	
32/ 31	.3	1.6	.8	.4	.0	.0	.0	.0	.0	.0	.0				.0			464	464	714	784	
30/ 29	.2	1.5	.7	.2	.0	.0	.0	.0	.0	.0	.0				.0			400	400	549	793	
28/ 27	.3	1.1	.5	.1	.0	.0	.0	.0	.0	.0	.0				.0			306	306	444	779	
26/ 25	.1	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0				.0			141	141	310	655	
24/ 23	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0				.0			106	106	161	467	
22/ 21	.0	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0				.0			86	86	112	393	
20/ 19	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0				.0			59	59	101	281	
18/ 17	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0			28	28	63	253	
16/ 15	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0			23	23	28	182	
Element (X)	Z <sub>X</sub> <sup>1</sup>	Z <sub>X</sub>	X	F <sub>X</sub>	No. Obs	Mean No. of Hours with Temperature																
Rel. Hum:						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME 44-45,53-70 YEARS

JAN MONTH

PAGE 2 ALL 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
14/ 13	.0	.1	.0															16	16	31	140
12/ 11	.0	.1																13	13	10	111
10/ 9		.0																1	1	12	89
8/ 7																				1	59
6/ 5																					30
4/ 3																					39
2/ 1																					28
0/ -1																					17
-2/ -3																					9
-4/ -5																					1
-6/ -7																					2
TOTAL	5.1	7.3	23.4	13.9	8.7	5.6	3.1	1.8	.8	.3	.1							14878			14878
																		14878			14878
Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	84644886	1087638	73.1	18.577	14878	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744									
Dry Bulb	36457470	712642	47.9	12.494	14878		82.2	60.7	11.4	.5		744									
Wet Bulb	30590591	652089	43.8	11.623	14878		126.8	15.8				744									
Dew Point	25219376	577272	38.8	13.770	14878	1.5	235.7	7.0				744									

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

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13924 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

FEB  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																									TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-	27-28	29-30	≥ 31	D.B. W.B.	TOTAL										
																			Dry Bulb	Wet Bulb	Dew Point								
86/ 85									.0									1	1										
84/ 83								.0										3	3										
82/ 81						.0	.1	.1	.0									26	26										
80/ 79					.0	.1	.1	.1	.0	.0			.0	.0				50	50										
78/ 77				.0	.3	.2	.1	.1	.0	.0	.0	.0	.0					100	100										
76/ 75		.0	.0	.2	.3	.2	.2	.1	.1	.0	.0	.0	.0					166	166	1									
74/ 73		.0	.2	.3	.3	.2	.2	.1	.2	.1	.1	.0						203	203	3	3								
72/ 71		.2	.6	.3	.3	.3	.1	.1	.2	.1	.1	.1						299	299	31	4								
70/ 69	.0	.8	.9	.6	.2	.2	.2	.2	.1	.1	.0							471	471	229	39								
68/ 67	.1	1.2	.7	.4	.4	.3	.2	.2	.2	.1	.0							519	519	369	239								
66/ 65	.2	1.2	.9	.9	.4	.3	.3	.4	.4	.1	.0							647	647	455	383								
64/ 63	.1	.9	.8	.4	.3	.3	.3	.4	.2	.0								491	491	423	383								
62/ 61	.1	1.4	.6	.4	.4	.4	.4	.3	.1									560	560	435	377								
60/ 59	.2	1.2	.7	.4	.6	.5	.5	.3	.1									627	627	549	386								
58/ 57	.2	1.1	.9	.9	.5	.6	.5	.5	.1									634	634	461	474								
56/ 55	.2	1.2	1.0	.6	.6	.7	.6	.2	.0									705	705	545	395								
54/ 53	.2	1.5	1.2	.9	.9	.6	.4	.1										791	791	576	432								
52/ 51	.3	1.6	1.3	1.0	.9	.7	.3	.1										834	834	768	485								
50/ 49	.3	1.7	1.8	.9	.8	.5	.2	.1										839	839	830	552								
48/ 47	.3	2.3	1.3	1.1	.7	.5	.2											873	879	962	558								
46/ 45	.5	2.0	1.4	.9	.7	.3	.1											806	806	1096	740								
44/ 43	.3	1.8	1.6	.9	.5	.2	.0											715	715	888	770								
42/ 41	.5	1.7	1.2	.8	.5	.1												650	650	929	694								
40/ 39	.4	1.6	1.4	.7	.3	.0												609	609	844	802								
38/ 37	.3	1.6	1.1	.7	.2	.0												513	513	749	741								
36/ 35	.2	1.3	.8	.6	.1													402	402	630	852								
34/ 33	.2	1.1	.8	.3	.0													328	328	535	753								
32/ 31	.1	.8	.6	.2	.0													215	215	401	591								
30/ 29	.1	.7	.5	.1														196	196	295	613								
28/ 27	.1	.5	.2	.0														124	124	243	500								
26/ 25	.0	.6	.1															99	99	145	412								
24/ 23	.0	.2	.0															33	33	106	345								
22/ 21	.0	.1																16	16	39	311								
20/ 19	.0	.0																6	6	15	262								
Element (X)	Σx'	Σx				Σ	Σ'	No. Obs.	Mean No. of Hours with Temperature							TOTAL													
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb																													
Wet Bulb																													
Dew Point																													

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

FEB

STATION

STATION NAME

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 Point				
18/ 17																				1		186			
16/ 15																						135			
14/ 13																						58			
12/ 11																						30			
10/ 9																						24			
8/ 7																						16			
6/ 5																						4			
4/ 3																						2			
TOTAL	5.1	30.4	22.6	13.9	10.1	7.3	5.0	3.0	1.7	.5	.3	.1	.0					13551	13558	13551	13551				

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	73580290	962242	71.0	19.688	13551							
Dry Bulb	38461456	703314	51.9	12.077	13558		34.2	91.1	27.2	2.5		672
Wet Bulb	31634596	637410	47.0	11.042	13551		61.7	31.4	.2			672
Dew Point	25907824	564576	41.7	13.269	13551		173.0	14.1	.1			672

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

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

MAR

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	
88/ 87									.0									6	6			
86/ 85								.0	.1	.0	.0			.0				23	23			
84/ 83								.0	.1	.0	.0			.0				71	71			
82/ 81						.0	.1	.2	.2	.0				.0				127	127			
80/ 79			.0	.0	.3	.3	.2	.1	.1	.1	.0			.0				204	204			
78/ 77		.0	.0	.2	.4	.4	.3	.2	.1	.1	.1			.0				282	282			
76/ 75		.0	.2	.4	.5	.6	.4	.3	.1	.2	.2			.0				412	412	3	1	
74/ 73		.1	.8	.9	.9	.4	.4	.2	.2	.2	.2			.0				590	590	37	1	
72/ 71		.7	1.3	.8	.5	.4	.4	.3	.4	.2	.1			.0				767	767	200	51	
70/ 69	.1	1.2	1.6	.6	.7	.4	.4	.4	.3	.2	.0							917	917	591	191	
68/ 67	.1	1.0	1.5	.7	.7	.4	.5	.5	.3	.2	.0							868	868	795	491	
66/ 65	.2	1.3	1.0	.6	.6	.5	.5	.4	.3	.2	.0							816	816	766	654	
64/ 63	.2	1.4	1.1	.6	.4	.5	.5	.4	.4	.1								821	821	774	718	
62/ 61	.2	1.6	1.1	.7	.5	.5	.3	.2	.2	.0								823	823	829	648	
60/ 59	.3	1.8	1.0	.8	.7	.6	.5	.5	.2	.0								932	933	847	757	
58/ 57	.2	1.8	1.1	.8	.6	.6	.5	.3	.0	.0								877	877	879	713	
56/ 55	.2	1.2	1.1	.9	.9	.6	.4	.2	.0									828	828	952	731	
54/ 53	.2	1.2	1.1	.9	.8	.5	.3	.2										788	788	833	746	
52/ 51	.1	1.4	1.3	.9	.6	.5	.2	.0										751	751	865	582	
50/ 49	.2	1.4	1.1	.9	.7	.4	.2											738	738	957	672	
48/ 47	.1	1.3	1.2	.8	.5	.3	.1											639	639	991	662	
46/ 45	.1	1.4	1.1	.8	.4	.2	.0											607	607	919	838	
44/ 43	.1	1.0	1.1	.6	.3	.1												488	488	798	764	
42/ 41	.0	.9	.8	.5	.2	.1												379	379	672	772	
40/ 39	.1	.9	.7	.4	.2	.0												339	339	597	700	
38/ 37	.1	.8	.4	.3	.1													259	259	485	665	
36/ 35	.1	.6	.3	.2	.0													177	177	361	705	
34/ 33	.1	.6	.3	.2	.0													172	172	257	560	
32/ 31	.0	.3	.2	.1														99	99	212	477	
30/ 29	.1	.1	.1	.0														39	39	119	472	
28/ 27	.0	.1	.0	.0														29	29	83	336	
26/ 25	.0	.1	.0															14	14	39	278	
24/ 23																				20	216	
22/ 21																				1	133	
Element (X)	Σx <sup>2</sup>		Σx		x̄		s <sub>x</sub>		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 (OLA) 0-26-5 (OLA) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

APR 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
92/ 91											.0	.0						4	4		
90/ 89								.0		.0	.0	.0						16	16		
88/ 87						.0	.1	.1		.1	.0	.0						61	61		
86/ 85					.0	.2	.3	.2	.2	.1	.1	.0						184	184		
84/ 83				.0	.1	.4	.6	.5	.2	.1	.1	.0						314	314		
82/ 81				.2	.7	.9	.9	.6	.2	.2	.1	.1	.0	.0				546	546		
80/ 79			.1	.4	.9	1.2	.8	.6	.5	.3	.1	.0						722	722		1
78/ 77		.0	.3	1.0	1.2	1.0	.6	.4	.5	.3	.1	.0						830	890		19
76/ 75		.1	1.0	1.4	1.2	.8	.8	.5	.3	.3	.2	.0						1007	1007	122	10
74/ 73		.8	2.1	1.5	.9	.7	.4	.4	.2	.2	.1	.0						1104	1104	453	67
72/ 71	.1	1.6	2.3	1.7	.8	.5	.6	.3	.3	.2	.0							1259	1259	972	353
70/ 69	.1	2.2	2.4	1.6	.5	.5	.4	.4	.4	.1	.0							1269	1269	1567	890
68/ 67	.2	2.3	2.3	.9	.6	.5	.4	.3	.3	.1	.0							1151	1151	1427	1220
66/ 65	.4	2.4	1.8	1.0	.6	.4	.4	.4	.2	.0								1111	1111	1526	1423
64/ 63	.3	2.3	1.5	.8	.5	.4	.3	.2	.2									964	964	1379	1379
62/ 61	.4	1.9	1.1	.7	.5	.5	.2	.2	.0									811	811	1229	1276
60/ 59	.3	1.5	1.0	.7	.5	.4	.3	.1	.0									693	693	1038	1086
58/ 57	.2	1.7	.9	.6	.6	.3	.1	.0	.0									659	659	929	855
56/ 55	.2	1.3	.9	.5	.4	.1	.1	.0										506	506	900	881
54/ 53	.1	1.1	.7	.4	.3	.1	.1											412	412	757	812
52/ 51	.1	.6	.6	.5	.2	.1	.0											307	307	638	717
50/ 49	.1	.6	.7	.4	.1	.0												271	271	516	617
48/ 47	.1	.6	.6	.2	.0	.0												218	218	424	526
46/ 45	.1	.5	.3	.1	.0													155	155	363	551
44/ 43	.0	.3	.2	.1	.0													80	80	229	491
42/ 41	.0	.2	.1	.0														59	59	136	465
40/ 39	.0	.2	.1	.0														48	48	80	369
38/ 37	.0	.1																13	13	63	298
36/ 35	.0	.0	.0															4	4	14	200
34/ 33	.0																	2	2	2	126
32/ 31	.0																	1	1	4	71
30/ 29																				1	48
28/ 27																					23
26/ 25																					22
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 44 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME 44-45,52-70 YEARS APR 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 Point
24/ 23																					5
TOTAL	2.7	22.3	21.0	14.6	10.7	8.9	7.3	5.3	3.6	2.0	1.1	.4	.1	.0				14781		14781	14781
																		14781		14781	

Element (X)	Σx <sup>2</sup>	Σx	$\bar{x}$	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	80802962	1058468	71.6	18.403	14781							
Dry Bulb	68604080	996836	67.4	9.652	14781		.0	412.4	233.2	72.7		720
Wet Bulb	56286631	903993	61.2	8.221	14781		.2	222.2	29.0			720
Dew Point	49297726	840814	56.9	9.966	14781		8.2	123.7	3.8			720

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

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLANG AFB LOUISIANA/ALEXANDRIA 44-45, 52-70

MAY

STATION

STATION NAME

YEARS

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				
96/ 95										.0		.0						4	4						
94/ 93								.0	.0	.0	.0	.1	.0	.0				26	26						
92/ 91							.0	.2	.4	.7	.2	.3	.2	.0	.0			164	164						
90/ 89						.0	.2	.8	1.0	.9	.6	.4	.2	.0				396	396						
88/ 87						.2	.8	1.0	.9	.6	.2	.1	.0					604	604						
86/ 85				.0	.1	.7	1.2	1.3	1.2	.7	.2	.0						843	843						
84/ 83				.0	.6	1.4	1.1	1.3	.7	.4	.1	.0						882	882						
82/ 81			.0	.5	1.2	1.2	1.0	.9	.6	.2	.1	.0						861	861						
80/ 79		.0	.3	1.0	1.4	1.3	.9	.9	.5	.2	.1	.0						973	973	14					
78/ 77	.0	.1	1.3	1.5	1.6	.9	.3	.4	.3	.3	.0							1080	1080	201	6				
76/ 75		1.0	2.1	1.9	1.3	.7	.3	.3	.2	.2	.0							1265	1265	743	52				
74/ 73	.1	1.6	2.9	1.9	1.0	.5	.2	.2	.2	.1	.0	.0						1339	1339	1608	470				
72/ 71	.1	2.8	2.7	1.5	.7	.3	.2	.2	.2	.1								1371	1371	1999	1161				
70/ 69	.3	3.5	3.0	1.5	.4	.3	.2	.2	.1	.0								1461	1461	2527	1722				
68/ 67	.4	3.3	2.6	.7	.4	.2	.2	.1	.1	.0								1234	1234	2189	2198				
66/ 65	.2	2.6	1.7	.6	.3	.2	.1	.1										898	898	1718	2121				
64/ 63	.3	1.6	1.3	.6	.2	.1	.1	.0										650	650	1287	1863				
62/ 61	.2	1.3	.7	.3	.2	.1	.0	.0										441	441	899	1499				
60/ 59	.1	1.0	.6	.3	.2	.1												374	374	733	1116				
58/ 57	.0	.8	.3	.2	.1	.0												253	253	517	815				
56/ 55	.0	.6	.4	.2	.0		.0											199	199	421	633				
54/ 53	.0	.5	.2	.1	.0													137	137	297	510				
52/ 51	.0	.3	.2	.0														78	78	222	361				
50/ 49	.0	.2	.1	.0														38	38	132	314				
48/ 47	.0	.2	.0															35	35	64	273				
46/ 45	.0	.1																15	15	40	227				
44/ 43		.0																2	2	16	142				
42/ 41																					75				
40/ 39																					32				
38/ 37																					23				
36/ 35																					5				
34/ 33																					2				
32/ 31																					2				
30/ 29																					1				
Element (X)	Σx <sup>2</sup>		Σx		x̄		s <sub>x</sub>		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) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

MAY  
 MONTH

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

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

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		
TOTAL	1.9	21.3	20.9	12.8	9.8	8.1	7.0	6.9	5.9	3.6	1.4	.5	.1	.0						15623	15623	15623	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total												
Rel. Hum.	85727000	1123612	71.9	17.731	15622	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744											
Dry Bulb	85990274	1130838	73.7	8.822	15623			395.4	401.8	204.2	1.4	744											
Wet Bulb	70176888	1042682	66.7	6.138	15623			441.8	122.2	.2		744											
Dew Point	62794202	984419	63.0	7.000	15623			.1	267.1	25.1		744											

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 DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

JUN  
 MONTH

PAGE 1 ALL  
 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
102/101														.0			3	3			
100/99														.0			17	17			
98/97										.0	.1	.2	.1	.0	.0		80	80			
96/95										.0	.4	.7	.4	.1	.0		245	245			
94/93										.1	.4	1.1	1.3	.4	.1		541	541			
92/91						.0	.1	.4	1.3	1.9	1.1	.4	.1	.0			790	790			
90/89					.0	.4	1.3	2.2	1.6	.8	.3	.0	.0				1001	1001			
88/87				.0	.2	1.0	2.0	1.7	1.0	.5	.2	.0					995	995			
86/85			.0	.2	.9	1.9	1.7	1.2	.6	.3	.1	.0					1039	1039			
84/83		.0	.2	.9	1.7	1.7	1.0	.5	.3	.1	.0	.0					971	971			
82/81		.1	.6	1.9	1.9	1.1	.5	.3	.2	.1	.0	.0					1006	1006	71	3	
80/79		.4	1.9	2.6	1.7	.6	.3	.2	.1	.0	.0						1209	1209	480	38	
78/77	.0	1.4	3.5	2.2	1.1	.4	.1	.2	.1	.0	.0						1356	1356	1686	194	
76/75	.1	3.4	4.2	2.2	.6	.2	.1	.1	.0	.0							1655	1655	2797	854	
74/73	.2	4.2	3.5	1.3	.4	.1	.1	.0	.0								1472	1472	2961	2070	
72/71	.3	3.5	2.6	.9	.3	.1	.0	.0									1166	1166	2609	2989	
70/69	.1	2.0	1.5	.6	.1	.0	.0										681	681	1918	2895	
68/67	.1	1.0	1.0	.3	.1	.0	.0										365	365	1067	2268	
66/65	.1	.5	.6	.1	.0	.0											198	198	640	1396	
64/63	.0	.3	.3	.1	.0												136	136	368	859	
62/61		.4	.1	.1													94	94	236	526	
60/59		.2	.1	.0													52	52	145	414	
58/57		.1	.1														33	33	68	282	
56/55	.0	.0	.0														8	8	43	147	
54/53																			21	93	
52/51																				49	
50/49																				20	
48/47																				12	
46/45																				5	
TOTAL		.9	17.5	20.4	13.5	9.0	7.7	7.8	8.0	7.3	5.0	2.1	.5	.2	.0	.0		15113	15113	15114	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	81240472	1078156	71.2	16.917	15113	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Dry Bulb	97380652	1207160	79.9	7.962	15113			695.2	589.6	350.4	42.2	720
Wet Bulb	79092329	1091297	72.2	4.385	15113			647.5	381.0	12.1		720
Dew Point	71859122	1039660	68.8	4.765	15113			538.8	150.5	.5		720

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

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-43,52-70

JUL

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
104/103													.0	.0	.0		5	5		
102/101											.0	.0	.0	.0	.0		11	11		
100/99											.0	.1	.0	.0	.0		47	47		
98/97								.0	.1	.0	.0	.1	.0	.0	.0		161	161		
96/95								.1	.6	1.1	.5	.1	.1	.0			401	401		
94/93				.0		.0	.1	1.0	1.5	1.2	.3	.1	.0	.0			667	667		
92/91				.0	.0	.1	1.1	2.4	1.6	.6	.2	.0	.0				951	951		
90/89				.1	.9	2.6	2.0	.7	.3	.1	.0	.0					1034	1034		
88/87			.0	.0	.6	2.3	2.1	.7	.3	.1	.0	.0					949	949	1	
86/85			.0	.5	2.1	2.5	1.1	.3	.1	.1	.0	.0					1034	1034	2	1
84/83		.0	.3	1.9	2.2	1.2	.4	.1	.0	.0	.0						966	966	15	2
82/81		.1	1.5	2.9	1.7	.5	.2	.0	.1	.0	.0						1078	1078	157	11
80/79		.8	4.4	2.8	1.1	.2	.0	.0	.1	.0	.0						1476	1476	1160	61
78/77	.1	3.7	5.6	2.0	.6	.1	.0	.0	.0								1904	1904	3124	435
76/75	.3	7.0	5.1	1.4	.2	.1	.0	.0									2204	2204	3840	2264
74/73	.6	5.3	3.3	.5	.1	.0	.0										1543	1543	3280	4056
72/71	.4	3.0	1.3	.3	.0	.0											823	823	2264	3798
70/69	.2	.5	.9	.1	.0	.0											267	267	1187	2613
68/67	.0	.2	.2	.0													60	60	345	1316
66/65	.0	.0	.0	.0													14	14	145	557
64/63			.0	.0													6	6	51	218
62/61		.0	.0														11	11	25	123
60/59		.0	.0														9	9	12	75
58/57		.0															1	1	10	51
56/55																			4	28
54/53																				12
52/51																				1
TOTAL	1.5	21.0	22.5	12.7	8.8	8.0	7.6	6.7	5.0	3.6	1.6	.6	.2	.1	.0		15622	15622	15622	
																	15622		15622	
Element (X)	Σ X <sup>2</sup>		Σ X		X		n		No. Obs.		Mean No. of Hours with Temperature						Total			
Rel. Hum.	90756012		1163348		74.5		16.246		15622		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	104235161		1271089		81.4		7.212		15622				742.0	687.3	383.3	61.5	744			
Wet Bulb	86753468		1163048		74.4		3.252		15622				732.2	551.5	27.5		744			
Dew Point	80248304		1118406		71.0		3.391		15622				693.3	325.3	1.3		744			

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

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DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

STATION STATION NAME YEARS 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
106/105																		1	1		
104/103																		3	3		
102/101																		7	7		
100/99																		44	44		
98/97																		151	151		
96/95																		386	386		
94/93																		660	660		
92/91																		903	903		
90/89																		980	980		
88/87																		953	953		
86/85																		923	923		
84/83																		947	947		
82/81																		1107	1107	119	4
80/79																		1431	1431	1100	32
78/77																		1855	1855	2821	409
76/75																		2196	2196	3447	2047
74/73																		1647	1647	3444	3985
72/71																		716	716	2266	3544
70/69																		358	358	1159	2124
68/67																		187	187	622	1406
66/65																		66	66	323	915
64/63																		48	48	149	410
62/61																		31	31	83	306
60/59																		21	21	51	188
58/57																		3	3	22	153
56/55																				12	52
54/53																				1	29
52/51																					14
50/49																					3
48/47																					3
TOTAL	1.1	22.0	21.7	12.8	8.6	7.5	7.4	6.3	5.6	3.7	1.8	.8	.4	.2	.1			15624	15624	15624	

USAFE/AC FORM 0-26-5 (OL A) JAN 64 REPROD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	90029236	1156730	74.0	16.763	15624	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	102212763	1264559	80.9	7.433	15624			736.0	673.9	370.6	59.6	744
Wet Bulb	85564793	1134759	72.9	3.730	15624			713.9	520.8	22.2		744
Dew Point	78879835	1108265	70.9	4.121	15624			645.3	308.4	.8		744



2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70

SEP  
MONTH

YEARS

PAGE 2 ALL  
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		
32/ 31																							1
TOTAL	1.6	23.8	22.5	12.4	8.2	7.0	6.6	5.8	4.9	3.1	1.9	1.0	.7	.4	.1	.1	.0	15832			15832		
																		15832			15832		
Element (X)	Z <sub>x</sub> <sup>1</sup>	Z <sub>x</sub>	X	X	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.	90589277	1162671	72.4	18.122	15832	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	93578739	1209159	76.4	8.814	15832			632.2	492.5	244.6	19.1	720											
Wet Bulb	77205631	1101249	69.6	6.182	15832			531.7	264.3	4.2		720											
Dew Point	70078811	1047039	66.1	7.258	15832			.0	423.2	130.2	.3	720											

SAFETAC FORM 0-26-5 (OLA) REVSIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70

YEARS

OCT

PAGE 1

MONTH

ALL  
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					
96/95																					5	5			
94/93																						15	15		
92/91																						47	47		
90/89																						145	145		
88/87																						211	211		
86/85																						315	315		
84/83																						488	489		
82/81																						540	544		
80/79																						690	690		
78/77																						727	728		
76/75																						901	901		
74/73																						974	976		
72/71																						1002	1003		
70/69																						1150	1155		
68/67																						1136	1138		
66/65																						1092	1093		
64/63																						924	925		
62/61																						944	944		
60/59																						801	802		
58/57																						792	793		
56/55																						676	676		
54/53																						611	611		
52/51																						496	497		
50/49																						431	431		
48/47																						357	357		
46/45																						268	268		
44/43																						224	224		
42/41																						149	149		
40/39																						112	112		
38/37																						71	71		
36/35																						26	26		
34/33																						20	20		
32/31																						4	4		
30/29																									
Element (X)	Z <sub>x</sub> <sup>1</sup>	Z <sub>x</sub>	X	σ <sub>x</sub>	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

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DATA PROCESSING DIVISION  
 USAF ETAC  
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**PSYCHROMETRIC SUMMARY**

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 63-45,52-70

STATION

STATION NAME

YEARS

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ALL

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																					
28/ 27																																										43
26/ 25																																										34
24/ 23																																									30	
22/ 21																																									16	
20/ 19																																									5	
18/ 17																																									9	
16/ 15																																									3	
14/ 13																																									1	
12/ 11																																								1		
<b>TOTAL</b>	2.5	26.7	19.5	12.1	7.9	6.8	6.1	5.7	4.9	3.6	2.3	1.1	.5	.2	.1																								16344	16344	16344	

Element (X)	Σ x²	Σ x	x̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	87594638	1148222	70.320569	16344								
Dry Bulb	73770108	1082568	66.211480	16344			.2	380.2	230.3	98.5	.9	744
Wet Bulb	59144230	971616	59.49201	16344			1.0	190.6	44.3	.2		744
Dew Point	50804106	893806	54.710851	16344			16.0	110.8	14.4			744

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



DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70

NOV

STATION

STATION NAME

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 Point
20/ 19																					92
18/ 17																					53
16/ 15																					29
14/ 13																					41
12/ 11																					25
10/ 9																					19
8/ 7																					13
6/ 5																					1
2/ 1																					3
TOTAL	3.7	29.7	20.5	13.0	9.4	7.4	6.7	4.6	2.7	1.6	.6	.1	.0					15840		15840	
																	15840		15840		

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	86165817	1123739	70.920	170	15840							
Dry Bulb	54014026	904422	57.112	242	15840		13.8	183.5	82.5	13.8		720
Wet Bulb	44094724	817822	51.610	867	15840		25.1	67.6	5.8			720
Dew Point	36898784	736656	46.512	910	15840		110.0	37.4	1.4			720

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-46,52-70

YEARS MONTH DEC

PAGE 1 ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
82/ 81							.0	.0										2	2					
80/ 79					.0	.1	.1	.0										31	31					
78/ 77				.0	.1	.2	.1	.0	.0	.0								59	59					
76/ 75		.0	.0	.1	.2	.2	.1	.0	.0	.0								123	123					
74/ 73		.0	.2	.2	.2	.1	.1	.1	.0	.0	.0							164	164	2				
72/ 71		.2	.4	.4	.4	.1	.1	.1	.0	.1	.0	.0						299	299	27	4			
70/ 69		.3	.8	.5	.4	.2	.2	.1	.0	.1	.0							422	422	139	45			
68/ 67	.0	1.0	1.0	.3	.3	.2	.2	.2	.1	.0	.0							523	524	273	130			
66/ 65	.1	1.5	.7	.4	.3	.3	.2	.2	.1	.0	.0							605	605	540	285			
64/ 63	.2	1.4	.6	.5	.3	.3	.2	.2	.1	.0	.0							593	592	517	508			
62/ 61	.3	1.3	.6	.4	.3	.3	.3	.2	.1	.0	.0							617	617	520	526			
60/ 59	.3	1.4	.8	.4	.4	.4	.5	.2	.2	.0	.0							727	727	541	462			
58/ 57	.2	1.7	1.0	.5	.5	.5	.4	.2	.1	.0	.0							802	802	564	460			
56/ 55	.3	1.9	1.1	.7	.6	.5	.4	.2	.0	.0	.0							890	890	702	585			
54/ 53	.4	2.2	1.0	.7	.7	.5	.4	.1	.0	.0	.0							923	923	788	575			
52/ 51	.2	1.9	1.3	.7	.8	.7	.3	.2	.1	.0	.0							925	925	821	665			
50/ 49	.3	2.3	1.2	.9	.8	.5	.2	.1	.0	.0	.0							980	980	886	643			
48/ 47	.2	2.1	1.3	1.2	.7	.4	.1	.0										941	941	1017	667			
46/ 45	.3	2.0	1.5	1.1	.8	.3	.1											935	935	1016	796			
44/ 43	.3	2.1	1.7	.8	.5	.1	.1											878	878	1039	729			
42/ 41	.4	1.5	1.2	.7	.5	.1												698	698	1082	696			
40/ 39	.4	1.6	1.6	.9	.4	.0												777	777	1021	836			
38/ 37	.4	1.8	1.2	.8	.2	.0												679	679	872	856			
36/ 35	.3	1.5	1.3	.5	.1													568	568	745	974			
34/ 33	.2	1.3	1.1	.2	.0													451	451	736	836			
32/ 31	.1	1.2	.6	.2	.0													333	333	609	771			
30/ 29	.1	.9	.6	.1	.0													261	261	412	714			
28/ 27	.1	.8	.2	.0														188	188	324	587			
26/ 25	.1	.4	.1	.0														97	97	214	633			
24/ 23	.0	.3	.1															64	64	101	499			
22/ 21	.1	.1	.0															32	32	60	388			
20/ 19	.1	.1	.0															19	19	28	242			
18/ 17	.0	.0																4	4	12	184			
16/ 15	.0	.0																6	6	5	124			
Element (X)	Σx <sup>2</sup>		Σx		Σ	Σ <sup>2</sup>	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 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-44, 52-70

DEC

STATION

STATION NAME

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 Point
14/ 13		.0																2	2	5	69
12/ 11	.0																	1	1	1	46
10/ 9																					32
8/ 7																					22
6/ 5																					17
4/ 3																					6
2/ 1																					6
0/ -1																					1
TOTAL	5.4	35.0	23.2	12.9	9.5	6.0	4.2	2.2	1.0	.4	.1	.0						15619	15620	15619	15619
Element (X)	Zx <sup>2</sup>	Zx	X	%	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	89481294	1144134	73.3	19.054	15619	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	42023784	788626	50.9	11.888	15620		48.0	77.4	18.1	.6		744									
Wet Bulb	35226188	721208	46.2	11.100	15619		84.4	21.0	.1			744									
Dew Point	29340969	644629	41.3	13.233	15619	.0	206.8	8.9				744									

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

USAF ETAC

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DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 53-70

JAN  
MONTH

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STATION NAME

YEARS

PAGE 1 0000-0200  
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	
72/ 71		.1	.1															4	4			
70/ 69		.8	.8	.1														30	30	3		
68/ 67	.1	.5	1.0															29	29	24	21	
66/ 65	.1	1.2	.9															42	42	30	10	
64/ 63	.1	1.2	.6			.1	.1											38	38	47	43	
62/ 61	.2	2.0	.6				.1	.1										54	54	47	47	
60/ 59	.3	2.0	.5	.2	.1													57	57	51	56	
58/ 57	.1	2.3	.7		.1			.1										63	63	54	40	
56/ 55	.1	2.1	.6	.2	.1													57	57	53	61	
54/ 53	.1	2.3	1.0	.6														78	78	60	53	
52/ 51	.4	1.9	.7	.4	.1	.1												66	66	71	55	
50/ 49	.7	2.9	1.6	.6	.1	.1												108	108	74	75	
48/ 47	.5	2.7	1.1	.6	.5	.2												106	106	90	62	
46/ 45	.1	2.4	1.3	1.5	.4	.1												105	105	102	66	
44/ 43	.2	2.4	2.2	1.1	.4													116	116	70	81	
42/ 41	1.0	3.1	2.2	1.2	.3													144	144	118	94	
40/ 39	.4	3.4	2.4	1.2	.2													141	141	150	82	
38/ 37	.2	3.2	1.6	.9	.1													111	111	129	99	
36/ 35	.6	3.9	1.6	.8														128	128	148	106	
34/ 33	.3	3.1	1.7	.3														100	100	134	136	
32/ 31	.3	2.6	1.7	.1														89	89	107	120	
30/ 29	.2	2.6	1.2	.2														78	78	96	103	
28/ 27	.4	1.2	.7	.1														45	45	85	108	
26/ 25		.5	.3															15	15	37	89	
24/ 23	.1	.3	.4															14	14	20	59	
22/ 21		.9	.3															21	21	17	47	
20/ 19		.3	.2															9	9	19	31	
18/ 17		.1	.1															2	2	12	35	
16/ 15		.2	.1															6	6	1	18	
14/ 13	.1	.2																4	4	9	16	
12/ 11																				2	11	
10/ 9																					9	
8/ 7																					10	
6/ 5																					6	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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





DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

JAN

STATION

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point				
4/ 3																						3			
2/ 1																						3			
0/ -1																						5			
-2/ -3																						3			
TOTAL	9.1	60.1	23.3	5.6	1.6	.1		.1	.1										1860	1860	1860	1860			

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	13042687	153919	82.8	12.820	1860	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93
Dry Bulb	3652183	79291	42.7	11.903	1860		19.0	2.8				93
Wet Bulb	3329843	75499	40.6	11.952	1860		25.7	1.2				93
Dew Point	2975802	69900	37.6	12.700	1860	.4	36.8	.8				93

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

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DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70 JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
72/ 71			.2	.1														4	4						
70/ 69		.5	.7	.1														23	23	1					
68/ 67	.1	.3	.8															22	22	16	10				
66/ 65	.1	1.5	.6	.2														44	44	29	15				
64/ 63	.1	.8	.5															26	26	41	41				
62/ 61	.2	2.0	.1															43	43	41	40				
60/ 59	.2	1.5	.2															34	34	44	46				
58/ 57	.5	2.1	.4	.1			.1											59	59	45	50				
56/ 55	.4	2.5	.2	.3	.1													64	64	51	39				
54/ 53	.2	2.7	.4	.1			.1											64	64	54	55				
52/ 51	.3	2.1	.4	.1	.1													55	55	65	55				
50/ 49	1.0	3.4	1.3	.2	.2	.1												118	118	80	70				
48/ 47	.8	2.3	1.0	.5														86	86	85	75				
46/ 45	.4	2.5	1.1	.3	.1													84	84	84	61				
44/ 43	.4	2.8	1.2	.3	.1													90	90	89	75				
42/ 41	.6	3.1	1.6	.5														107	107	88	75				
40/ 39	.4	3.2	2.2	.3														116	116	95	86				
38/ 37	.9	4.3	2.0	.2														141	141	137	97				
36/ 35	.8	4.4	1.8	.7														143	143	130	102				
34/ 33	.6	4.1	1.5	.3														121	121	141	132				
32/ 31	.8	3.5	1.0	.1														100	100	134	114				
30/ 29	.6	3.3	1.2	.1														97	97	111	112				
28/ 27	.6	2.8	.8	.1														61	61	89	116				
26/ 25	.6	1.4	.2															41	41	83	92				
24/ 23	.1	1.0	.5															30	30	34	62				
22/ 21	.1	1.1	.1															25	25	24	64				
20/ 19		.8	.2															17	17	33	49				
18/ 17	.1	.4																9	9	15	29				
16/ 15		.2																4	4	6	22				
14/ 13	.1	.1																3	3	5	22				
12/ 11	.1	.4																8	8	2	20				
10/ 9		.1																1	1	7	12				
8/ 7																				1	4				
6/ 5																					3				
Element (X)	ΣX <sup>2</sup>	ΣX	Σ	Σ <sub>n</sub>	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 AIR 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-48, 53-70  
YEARS

JAN  
MONTH

PAGE 1 0900-1100  
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
76/ 75				.1	.1												3	3			
74/ 73			.2	.2	.1	.1											11	11			
72/ 71		.2	.3	.3	.2	.2											32	32			
70/ 69	.1	.1	.8	.5	.2	.3											38	38	11	2	
68/ 67		.1	.7	.5	.5	.2					.1						54	54	28	17	
66/ 65	.1	.3	.9	.5	.2	.1				.1							42	42	49	26	
64/ 63	.1	1.3	.8	.3	.4	.2		.1	.1	.1							60	60	38	41	
62/ 61	.2	1.3	.7	.4	.4	.1		.1	.2	.1							63	63	69	40	
60/ 59	.3	1.0	.6	.3	.4	.3		.4	.1								66	66	58	60	
58/ 57	.1	1.8	1.0	.5	.5	.4		.5	.1								90	90	58	61	
56/ 55	.1	1.6	.9	.5	.3	.4		.2									75	75	56	47	
54/ 53	.2	1.8	1.0	1.3	.5	.6		.2									109	109	75	65	
52/ 51	.3	1.3	.9	1.0	1.0	.4		.3									94	94	76	59	
50/ 49	.4	2.2	1.6	1.3	.7	.3											121	121	82	75	
48/ 47	.5	1.9	1.6	1.7	.9	.5		.1									133	133	121	64	
46/ 45	.3	2.4	2.3	1.0	.9	.4											133	133	127	92	
44/ 43	.1	1.9	1.9	1.8	.7	.2											123	123	129	85	
42/ 41	.2	1.7	1.9	1.2	.5	.2											107	107	134	91	
40/ 39	.3	1.5	1.5	1.4	.3	.1											92	92	121	90	
38/ 37	.1	2.2	1.8	1.4	.3												107	107	126	106	
36/ 35	.1	1.8	1.1	.8	.1												72	72	109	112	
34/ 33	.3	1.7	1.2	.4													67	67	102	114	
32/ 31	.3	.8	1.0	.9													54	54	97	90	
30/ 29	.2	1.0	1.0	.6													52	52	49	96	
28/ 27	.1	.4	.4	.2													19	19	51	100	
26/ 25		.4	.4	.1													16	16	30	72	
24/ 23		.3	.4														13	13	24	49	
22/ 21			.3														3	3	19	45	
20/ 19		.1	.2														4	4	5	35	
18/ 17		.1	.1														3	3	3	34	
16/ 15		.1	.1														3	3	4	22	
14/ 13		.1	.1														3	3	4	15	
12/ 11		.1															2	2	3	17	
10/ 9																			2	13	
Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						< 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-43, 53-70

STATION

STATION NAME

YEARS

JAN

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 7																					4
6/ 5																					3
4/ 3																					7
2/ 1																					4
0/ -1																					4
-4/ -5																					1
-6/ -7																					2
TOTAL	4.1	32.5	27.3	19.8	9.1	4.8	1.7	.7	.1									1860		1860	
																		1860		1860	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10398643	135447	72.8	16.968	1860							
Dry Bulb	4529121	89173	47.9	11.687	1860		8.6	9.9	.7			93
Wet Bulb	3844936	81860	44.0	11.414	1860		14.6	2.0				93
Dew Point	3192117	72587	39.0	13.904	1860	.4	30.7	1.0				93

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

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 53-70 JAN

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
82/ 81						.1	.1											4	4																
80/ 79					.1	.1	.1											4	4																
78/ 77					.1	.2	.2	.2										12	12																
76/ 75				.3	.3	.4	.2	.3							.1			23	33																
74/ 73			.3	.5	.4	.8	.3	.1		.1					.1			47	47																
72/ 71		.1	.6	.6	1.1	.9	.4	.3		.2	.2							82	82	5															
70/ 69	.1	.3	.7	.5	.7	.8	.4	.3		.2	.2							75	75	29	2														
68/ 67		.2	.7	.5	.6	.9	.6	.2		.2	.1				.1			77	77	41	26														
66/ 65		.1	1.2	.4	.5	1.0	.6	.4		.6	.3							92	92	49	24														
64/ 63	.1	.5	.7	.3	1.0	.8	.6	1.1		.6	.1							109	109	70	45														
62/ 61	.2	.6	.3	.5	1.0	.9	.9	.4		.3	.1							95	95	83	50														
60/ 59	.2	.5	.3	.6	1.1	.3	.8	.4		.1								80	80	63	67														
58/ 57		.8	.8	.5	.8	.6	.7	.6		.2								92	92	66	51														
56/ 55	.1	1.1	.7	1.0	1.0	1.0	.8	.2		.1								109	109	111	62														
54/ 53	.1	1.1	.6	.6	1.0	1.8	.9	.6										124	124	90	63														
52/ 51	.1	.9	.9	.8	1.6	1.1	.8	.2										113	118	116	71														
50/ 49		.9	1.1	1.1	1.2	1.8	.6	.1										127	127	114	84														
48/ 47	.1	1.6	.6	.8	1.1	.6	.3											96	96	122	78														
46/ 45	.3	1.1	.6	.9	1.0	.7	.1											87	87	139	86														
44/ 43		.7	1.0	.8	1.1	.5	.1											78	78	126	86														
42/ 41	.2	.6	.8	.8	.9	.3												66	66	115	77														
40/ 39	.1	.8	.9	.6	1.0	.2												65	65	127	81														
38/ 37	.1	1.1	.4	.8	.5	.1												53	53	90	99														
36/ 35		.6	.4	.5	.7													40	40	88	113														
34/ 33		.6	.2	.4	.1													25	25	53	88														
32/ 31	.2	.3	.1	.5	.1													20	20	54	103														
30/ 29	.1	.5	.2	.2														17	17	35	70														
28/ 27	.2	.3	.1	.2														14	14	31	86														
26/ 25	.1	.2	.1	.1														7	7	17	76														
24/ 23			.1	.1														3	3	8	52														
22/ 21			.2															3	3	3	48														
20/ 19			.2															3	3	4	44														
18/ 17		.1																2	2	5	28														
16/ 15																				3	30														
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																											
Ref. Hum.								≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																					
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME 44-45, 53-70 YEARS JAN MONTH

PAGE 2 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13																					20
12/ 11																					15
10/ 9																					9
8/ 7																					6
6/ 5																					4
4/ 3																					8
2/ 1																					4
0/ -1																					2
-2/ -3																					1
TOTAL	1.9	15.2	14.6	14.8	19.1	15.6	9.7	5.3	2.5	1.0	.2							1859		1859	1859
																		1859		1859	

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	7535614	112382	60.5	19.978	1859							
Dry Bulb	5761198	101066	54.4	11.980	1859		3.5	16.7	5.0	.4		93
Wet Bulb	4411088	86268	47.5	10.928	1859		8.1	3.8				93
Dew Point	3296108	73668	39.6	14.241	1859	.2	30.3	1.4				93

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

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	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
82/ 81						.1												1	1		
80/ 79						.1	.2	.1										7	7		
78/ 77					.2	.2	.1	.2	.2									15	15		
76/ 75			.1	.1	.7	.2	.1	.1										28	28		
74/ 73		.1	.2	.5	.5	.6	.4	.2	.2	.2	.1							56	56		
72/ 71		.2	.4	1.0	.8	1.1	.2	.3	.1	.4								83	83		1
70/ 69			.5	.7	.4	.7	.4	.7	.5	.1	.1							76	76	20	6
68/ 67		.2	.6	.9	.9	.8	.4	.3	.4	.2	.2							92	92	40	8
66/ 65		.5	1.0	.2	.9	.9	.6	.6	.6	.1								100	100	59	26
64/ 63		.5	.3	.5	.8	.6	1.1	.9	.8	.1								104	104	68	44
62/ 61	.1	.5	.3	.8	.6	.5	.7	1.2	.3									93	93	83	66
60/ 59		.7	.5	.7	.9	1.0	.5	.7	.3									100	100	54	56
58/ 57	.2	.5	1.1	.8	1.2	1.2	.5	.8	.2	.1								120	120	79	59
56/ 55	.2	.6	.5	.5	.9	1.2	1.0	.9	.1									112	112	117	56
54/ 53	.1	1.1	.8	.6	1.3	1.0	1.6	.5	.1									130	130	92	65
52/ 51		1.1	.9	.6	1.2	1.2	1.2	.1										118	118	123	67
50/ 49	.2	1.2	.9	.2	1.3	1.6	.8											113	113	134	77
48/ 47	.1	.9	.8	.9	1.1	1.1	.2											95	95	142	93
46/ 45	.2	1.2	.8	.5	.6	.3	.2											69	69	124	83
44/ 43	.1	.9	.6	.6	1.5	.2	.2											78	78	127	86
42/ 41	.2	.8	.9	.6	.6	.5												67	67	145	105
40/ 39	.2	.8	.5	.5	.5	.1												47	47	111	83
38/ 37	.1	.9	.3	.4	1.0	.1												52	52	94	96
36/ 35		.5	.2	.4	.3													25	25	65	93
34/ 33		.6	.1	.5														21	21	46	105
32/ 31	.1	.4	.1	.4														17	17	44	74
30/ 29	.1	.3	.1	.2	.1													13	13	34	82
28/ 27	.1	.2	.3	.1														11	11	18	89
26/ 25	.1	.3	.1															9	9	14	66
24/ 23		.1	.1															2	2	12	68
22/ 21		.1	.2															4	4	4	49
20/ 19			.1															2	2	2	30
18/ 17																				3	26
16/ 15																				2	35
Element (X)	Σ x'	Σ x		Σ	Σ x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

2

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

JAN

STATION

STATION NAME

YEARS

MONTH

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		
14/ 13																					17		
12/ 11																					18		
10/ 9																					9		
8/ 7																					6		
6/ 5																					3		
4/ 3																					5		
2/ 1																					6		
0/ -1																					2		
TOTAL	2.0	15.1	12.8	13.1	18.2	15.5	10.6	7.4	3.7	1.1	.4							1860	1860	1860	1860		

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	7314704	110010	59.120	850	1860							
Dry Bulb	5937147	102859	55.311	573	1860		2.9	17.9	3.4	.2		93
Wet Bulb	4487583	89263	48.010	464	1860		6.7	3.2				93
Dew Point	3302194	73878	39.714	466	1860	.1	29.2	.8				93

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

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

12934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

JAN

PAGE 1 1800-2000  
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
76/ 75				.2	.1												1	1		
74/ 73				.5	.1		.1										6	6		
72/ 71		.1	.3	.5	.2												20	20		
70/ 69	.1	.4	.9	.9	.1	.1											45	45	8 3	
68/ 67		.4	1.5	.7	.4	.1	.1	.1	.1								60	60	27 9	
66/ 65		.9	1.7	1.0	.4	.1	.1	.1		.1							80	80	43 25	
64/ 63		1.0	1.0	.8	.4	.3	.3	.1	.1								72	72	60 44	
62/ 61	.1	.9	.8	1.0	.4	.2	.1	.2									67	67	68 57	
60/ 59	.1	.7	.9	1.2	.6	.3	.3	.2									80	80	59 58	
58/ 57		1.4	1.1	1.6	.7	.9	.3	.1									112	112	55 51	
56/ 55	.1	1.1	1.0	1.4	.7	.9	.3										101	101	72 56	
54/ 53	.5	1.0	1.1	1.0	.9	.6	.5	.1									106	106	89 67	
52/ 51	.2	1.3	1.3	1.3	1.3	.5	.2										113	113	86 56	
50/ 49	.1	1.3	1.3	1.8	1.6	.9	.1	.1									139	139	113 69	
48/ 47	.3	1.3	1.5	1.8	1.7	1.3	.2										150	150	114 82	
46/ 45		1.3	2.2	2.1	1.5	.4	.1										143	143	116 90	
44/ 43		1.5	1.3	1.8	1.1	.1											108	108	141 93	
42/ 41	.4	1.1	1.1	2.2	.5	.1											98	98	151 81	
40/ 39	.2	1.0	1.2	1.6	.7	.1											90	90	141 101	
38/ 37	.4	2.1	.9	1.4	.3	.1											95	95	141 103	
36/ 35		.6	.8	.9	.1												43	43	114 120	
34/ 33		.5	.5	.6	.2												34	34	71 126	
32/ 31	.1	.5	.2	.7													29	29	50 78	
30/ 29		.4	.5	.3													23	23	48 95	
28/ 27	.2	.4	.4	.1													20	20	28 84	
26/ 25		.1	.5	.1													11	11	27 83	
24/ 23		.1	.3														8	8	13 55	
22/ 21		.1	.1														3	3	13 42	
20/ 19		.1															2	2	9 19	
18/ 17		.1	.1														3	3	2 32	
16/ 15		.1															1	1	2 25	
14/ 13																			2 18	
12/ 11																			2 9	
10/ 9																			12	
Element (X)	Σx²	Σx	Σ	Σx	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) 10-64 REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME 44-45,53-70 YEARS JAN MONTH

PAGE 2 1800-2000 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
8 / 7																					8
6 / 5																					3
4 / 3																					2
2 / 1																					3
TOTAL	2.6	22.1	24.5	26.8	13.8	6.8	2.5	.9	.1												1859
																					1859
																					1859

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

Element (X)	ΣX²	ΣX	X̄	σ <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel. Hum.	9427673	128648	69.117	251	1859						
Dry Bulb	4872641	92029	50.010	812	1859		5.0	6.6	.4		93
Wet Bulb	4030961	84257	45.210	684	1859		9.8	1.2			93
Dew Point	8251800	73628	39.612	441	1859		28.4	.6			93

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

# PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

JAN  
 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
72/ 71		.1	.2	.2															7	7		
70/ 69	.1	1.0	.6	.3															38	38	7	4
68/ 67		.6	1.3	.1															38	38	28	14
66/ 65	.1	1.2	1.3	.1															49	49	30	26
64/ 63		1.3	1.3	.2						.1									54	54	49	41
62/ 61		1.6	1.2	.3	.1	.1													60	60	58	47
60/ 59	.1	1.6	.9	.4	.2														58	58	54	60
58/ 57	.3	1.7	1.5	.3	.1	.1													74	74	56	40
56/ 55		1.6	1.1	.9	.4	.1	.1			.1									76	76	65	59
54/ 53	.1	1.7	1.9	.8	.1	.2													87	87	64	54
52/ 51	.3	2.2	1.7	.8	.5	.2													108	108	79	74
50/ 49	.2	2.4	1.8	1.1	.9	.2	.1												125	125	91	62
48/ 47	.3	1.8	1.4	1.2	.8	.1													104	104	103	76
46/ 45	.2	2.5	1.6	2.1	.8	.1													134	134	107	74
44/ 43	.2	2.3	2.9	1.6	.5	.1													140	140	93	93
42/ 41	.7	2.5	2.6	1.2	.2	.1													135	135	152	101
40/ 39	.1	2.4	1.9	1.5	.6	.1													124	124	155	91
38/ 37	.2	2.6	1.7	1.3	.1														109	109	136	95
36/ 35	.2	2.4	1.6	.7															91	91	114	136
34/ 33	.2	1.9	2.0	.4	.1														84	84	122	117
32/ 31	.1	1.3	1.1	.3	.1														52	52	96	101
30/ 29	.1	1.0	.6	.3															36	36	68	99
28/ 27	.2	.6	.6	.1															27	27	41	93
26/ 25		.3	.4																13	13	30	79
24/ 23		.4	.9																17	17	21	55
22/ 21		.1	.4																9	9	15	36
20/ 19		.2																	4	4	10	25
18/ 17		.1																	2	2	9	37
16/ 15		.3																	5	5	2	14
14/ 13																					5	12
12/ 11																						13
10/ 9																						10
8/ 7																						14
6/ 5																						5
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$	$s_x$	No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45.53-70

JAN

PAGE 2 2100-2300  
HOURS (I. 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																													
4/ 3																																																2		
2/ 1																																																1		
TOTAL	3.4	39.7	34.1	16.0	5.3	1.2	.3																																							1860	1860	1860		
Element (X)	Z <sub>x1</sub>	Z <sub>x</sub>		X	°x			No. Obs.		Mean No. of Hours with Temperature								Total																																
Rel. Hum.	11298320	142468		76.6	14.407			1860		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																																		
Dry Bulb	4264827	86661		46.6	11.054			1860			8.2	4.2				93																																		
Wet Bulb	3736417	80735		43.4	11.172			1860			14.9	1.8				93																																		
Dew Point	3202814	73076		39.3	13.359			1860			29.8	.9				93																																		

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

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 53-70

FEB

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
74/ 73			.1															1	1			
72/ 71		.4	.4	.1														16	16			
70/ 69	.2	1.1	.8	.4														40	40	17	6	
68/ 67	.2	1.9	.6	.1														48	48	38	35	
66/ 65	.4	2.2	.8	.1	.2													63	63	52	39	
64/ 63	.2	.9	.7			.1												33	33	57	47	
62/ 61	.1	2.4	.9		.1													59	59	25	44	
60/ 59		2.2	1.1	.1	.2													60	60	62	42	
58/ 57	.2	1.3	1.0	.1	.2	.1												49	49	53	58	
56/ 55	.2	1.9	1.2	.7	.4	.2	.1											82	82	50	35	
54/ 53	.4	2.4	1.3	.6	.4	.2	.1											91	91	70	59	
52/ 51	.4	2.4	1.9	1.2	.6	.2												114	114	66	71	
50/ 49	.5	1.9	2.4	.9	.6	.1												108	108	87	64	
48/ 47	.2	2.7	2.3	1.1	.2	.2												114	115	103	63	
46/ 45	.5	3.1	2.4	1.5	.5	.1												136	136	129	81	
44/ 43	.4	3.7	1.9	.8	.2													120	120	133	99	
42/ 41	.5	2.9	1.7	1.3	.2													112	112	136	96	
40/ 39	.4	2.4	2.2	1.0	.1													103	103	115	137	
38/ 37	.4	2.4	1.7	.8	.1													91	91	100	93	
36/ 35	.2	1.9	1.2	.8														70	70	107	105	
34/ 33	.3	1.5	1.2	.2														59	59	85	107	
32/ 31	.2	1.0	1.2	.1														42	42	63	62	
30/ 29	.1	1.1	1.0	.2														39	39	40	85	
28/ 27	.1	.9	.5															27	27	52	69	
26/ 25		.8	.1															15	15	29	47	
24/ 23		.3																5	5	23	37	
22/ 21		.1																1	1	1	35	
20/ 19																				1	38	
18/ 17																					19	
16/ 15																					17	
14/ 13																					1	
10/ 9																					3	
TOTAL	5.8	45.9	30.8	12.0	4.1	1.1	.2											1694	1695	1694	1694	
Element (X)	Σx²		Σx		Σ	Σ²	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	11080708		125054		79.7	13.608	1694	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb	4086672		61164		47.9	10.870	1695		6.4	5.2	.0			84								
Wet Bulb	3649456		76228		45.1	11.038	1694		10.4	2.7				84								
Dew Point	3212270		70512		41.6	12.796	1694		20.5	2.0				84								

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

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

YEARS

FEB  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B.-W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
72/ 71		.2	.2	.1																												9	9			
70/ 69		1.6	.9	.1																												45	45	9	4	
68/ 67	.2	2.3	.7	.1																												55	55	47	34	
66/ 65	.2	1.7	.8	.1	.1																											48	48	53	48	
64/ 63	.1	1.4	.6		.1	.1																										36	36	43	42	
62/ 61	.1	2.1	.4																													43	43	33	38	
60/ 59	.5	1.8	.6	.1	.1																											52	52	66	42	
58/ 57	.4	1.7	.6																													46	46	39	62	
56/ 55	.4	1.8	.9	.1	.1	.1																										55	55	48	40	
54/ 53	.2	2.2	.9	.6	.3	.1																										74	74	46	43	
52/ 51	.7	2.9	1.5	.1	.3	.1	.1																									94	94	75	57	
50/ 49	.4	1.8	2.0	1.0	.5	.1		.1																								97	97	72	68	
48/ 47	.8	3.8	1.7	1.1	.2																											126	129	90	65	
46/ 45	.9	3.1	1.7	1.0	.2																											116	116	129	92	
44/ 43	.4	3.3	2.3	.9	.1																											117	117	103	94	
42/ 41	.8	2.4	1.4	.8	.4																											96	96	119	71	
40/ 39	1.2	3.0	1.8	.7	.1																											116	116	130	106	
38/ 37	.8	3.5	1.9	.3	.1																											116	116	100	103	
36/ 35	.4	3.2	1.9	.4																												88	88	109	126	
34/ 33	.9	2.8	1.0	.4																												80	80	110	88	
32/ 31	.1	1.7	1.2	.4																												56	56	74	92	
30/ 29	.3	1.4	.7	.1																												41	41	54	83	
28/ 27	.1	1.3	.2	.1																												30	30	57	67	
26/ 25		1.7	.5																													37	37	30	43	
24/ 23		.5	.1																													10	10	36	43	
22/ 21	.1	.3																														7	7	17	39	
20/ 19	.1																															2	2	3	40	
18/ 17																																			28	
16/ 15																																			21	
14/ 13																																			9	
12/ 11																																			1	
8/ 7																																			3	
TOTAL	9.6	53.4	25.8	8.5	2.3	.4	.1																										1692	1692	1692	
Element (X)	Σx <sup>2</sup>	Σx	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.	11780201	139491	82.4	12.876	1692	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	3842192	78340	46.2	11.432	1695		9.1	5.4				84																								
Wet Bulb	3485256	74266	43.9	11.551	1692		13.5	2.6				84																								
Dew Point	3129289	69257	40.9	13.193	1692		23.3	1.9				84																								

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

FEB  
 MONTH

PAGE 1 (600-0800)  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. - W.B.	Dry Bulb	Wet Bulb	Dew Point			
72/ 71			.4															6	6					
70/ 69		1.5	1.4	.1														52	52	3	2			
68/ 67	.1	2.2	.7	.1														52	52	53	25			
66/ 65	.4	1.2	.8	.1														42	42	61	67			
64/ 63	.1	1.1	.7	.1														34	34	27	34			
62/ 61	.4	1.7	.1			.2	.1											41	41	44	33			
60/ 59	.4	2-0	.7	.1														55	55	49	44			
58/ 57	.8	1.4	.5		.1													46	46	44	60			
56/ 55	.2	1.6	.9	.2	.1													50	50	44	27			
54/ 53	.2	2.2	1.2	.2	.2													68	68	43	44			
52/ 51	.6	2.9	.9	.4	.5													91	91	77	54			
50/ 49	.5	2.7	2.2	.4	.3	.1												104	104	76	69			
48/ 47	.8	3.8	1.2	1.2	.1	.1												120	122	93	75			
46/ 45	.5	3.0	1.2	.5	.2	.1												94	94	122	102			
44/ 43	.7	3.0	2.2	.5	.1													109	109	86	88			
42/ 41	.8	3.6	1.7	.5	.1													114	114	109	70			
40/ 39	.7	3.0	2.5	.8	.1													120	120	127	97			
38/ 37	.7	2.7	2.4	.4														104	104	114	94			
36/ 35	.7	3.2	1.4	.8	.1													104	104	99	125			
34/ 33	.4	2.5	1.4	.5														82	82	117	93			
32/ 31	.1	1.9	.8	.1														48	48	82	81			
30/ 29	.3	1.8	.9	.1														53	53	66	80			
28/ 27	.2	1.5	.7															40	40	50	65			
26/ 25	.1	1.4	.5															33	33	42	76			
24/ 23	.1	.8	.2															18	18	34	38			
22/ 21	.1	.4																7	7	18	44			
20/ 19	.2	.1																4	4	11	31			
18/ 17																			1		26			
16/ 15																					12			
14/ 13																					2			
12/ 11																					3			
10/ 9																					1			
8/ 7																					3			
6/ 5																					1			
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAF ETAC FORM 134 0-26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100  
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																	
80/ 79					.1																												1	1			
78/ 77					.2	.1																												7	7		
76/ 75			.1	.2	.1											.1																		12	12		
74/ 73		.1	.7	.9	.2	.1	.1	.1																										37	37		
72/ 71		.3	1.1	.6	.1	.1	.1	.1	.1																									40	40	3	
70/ 69		1.1	1.1	.8	.4	.2									.1																			60	60	37	10
68/ 67	.1	.8	.9	.7	.7	.4	.1	.1	.1																									65	65	68	43
66/ 65	.2	.6	1.1	.8	.5	.1	.2	.4	.1																									65	65	41	57
64/ 63	.1	.3	.8	.7	.4	.4	.4	.5																										67	67	48	38
62/ 61	.2	.0	.7	.6	.2	.5	.5	.2																										68	68	60	49
60/ 59	.2	1.0	.9	.8	.4	.6	.6	.2																										79	79	57	42
58/ 57	.4	1.2	.9	.9	.5	1.2	.2																											90	90	67	58
56/ 55	.1	1.4	1.5	.8	.9	.9	.6	.1																										101	101	66	57
54/ 53	.2	1.6	1.6	1.2	1.3	.7	.3																											116	116	71	59
52/ 51	.3	1.3	1.4	1.9	1.4	.8	.3																											117	117	107	63
50/ 49	.2	1.6	1.6	1.2	1.2	.5	.2																											113	113	111	80
48/ 47	.2	1.9	.9	1.4	1.0	.4																												100	100	127	68
46/ 45	.4	1.1	1.6	1.4	.9	.6	.1																										103	103	123	85	
44/ 43	.2	.9	1.9	1.4	.8	.3																											95	95	98	78	
42/ 41	.3	1.5	1.3	1.1	1.0	.2																											91	91	112	84	
40/ 39	.2	1.7	1.2	1.4	.6	.1																											88	88	118	98	
38/ 37	.2	1.2	.5	1.3	.4																												62	62	109	107	
36/ 35	.2	.3	.7	.9	.1																												38	38	72	105	
34/ 33	.2	.3	.9	.6	.1																												35	35	64	96	
32/ 31		.1	.4	.4	.1																												15	15	51	74	
30/ 29	.1	.4	.3	.1																													17	17	39	50	
28/ 27		.1	.1	.2																													8	8	22	49	
26/ 25		.2	.1																														4	4	14	55	
24/ 23																																				7	50
22/ 21		.1																															1	1	3	45	
20/ 19																																					29
18/ 17																																					26
16/ 15																																					16
14/ 13																																					6
Element (X)	Σx <sup>2</sup>		Σx		X̄		s <sub>x</sub>		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 34 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70 FEB

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point					
12/ 11																									7	
10/ 9																										5
8/ 7																										3
6/ 5																										3
TOTAL	4.0	22.3	24.4	21.8	13.9	8.1	3.8	1.5	.2	.1	.1											1695	1695	1695	1695	
Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total														
Rel. Hum.	8794908	118238	69.8	17.969	1695	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb	4848852	88678	52.3	11.119	1695		2.2	11.0	2.8			84														
Wet Bulb	4019819	80439	47.5	10.932	1695		6.7	5.4				84														
Dew Point	3301198	71112	42.0	13.696	1695		20.7	2.6				84														

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

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

STATION STATION NAME 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
84/ 83								.1										2	2		
82/ 81							.3	.4	.1							.1	.1	16	16		
80/ 79						.1	.6	.2	.2	.1							.1	20	20		
78/ 77				.3	.7	.5	.5	.3			.1	.1	.2					44	44		
76/ 75	.1	.1	.6	1.1	.4	.6	.3	.4	.1	.1	.1							67	67		
74/ 73	.1	.2	.7	.7	.4	.4	.2	.2	.2	.3	.1							57	57	2	2
72/ 71	.2	.5	.6	1.4	1.1	.5	.6	.2	.3	.2								95	93	17	2
70/ 69	.2	.4	.6	.6	.5	.9	.6	.2	.5									79	79	67	11
68/ 67	.4	.2	.5	.8	.6	.5	.8	.6	.2									79	79	48	26
66/ 65	.4	.9	.9	.8	.9	.9	1.0	1.1	.1	.1								120	120	64	56
64/ 63	.3	.3	.4	.6	.9	.5	.9	.7	.1									84	84	58	53
62/ 61	.8	.5	.4	.5	.8	.8	.7	.5										85	85	79	45
60/ 59	.2	1.1	.3	.6	1.1	1.0	1.2	.8	.5									115	115	81	63
58/ 57	.5	.5	.6	.9	.8	1.2	1.1	.2										100	100	85	65
56/ 55	.5	.8	.4	.6	1.5	.9	.5	.2										93	92	96	65
54/ 53	.1	.5	.9	.6	1.4	1.1	1.3	.6										109	109	92	51
52/ 51	.2	.8	.9	.8	.6	1.6	.6	.2										98	98	113	61
50/ 49	.1	1.4	.6	.5	1.0	.8	.6	.2										89	89	124	68
48/ 47	.1	.7	.6	.4	.8	1.2	.5											74	74	134	82
46/ 45	.2	1.0	.6	.3	1.1	.9	.4											75	75	127	90
44/ 43	.1	.5	.7	.4	.5	.4	.1											47	47	102	90
42/ 41	.1	.5	.6	.3	.6	.3												40	40	109	76
40/ 39	.5	.6	.4	.7	.1													41	41	74	81
38/ 37	.2	.7	.2	.5	.1	.1												30	30	72	83
36/ 35	.4	.2	.5	.1														19	19	66	89
34/ 33	.1	.1	.1	.1														6	6	37	86
32/ 31	.1	.1	.1															4	4	24	68
30/ 29	.2	.1																4	4	12	72
28/ 27	.1																	2	2	9	67
26/ 25	.1																	1	1	3	44
24/ 23																					46
22/ 21																					48
20/ 19																					43
18/ 17																					24
Element (X)	Σ x <sup>2</sup>		Σ x		x̄		σ <sub>x</sub>		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) JUL 64  
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12934 STATION      ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME      44-45,53-70 YEARS

FEB MONTH

PAGE 2      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
16/ 15																					14
14/ 13																					6
12/ 11																					5
10/ 9																					7
8/ 7																					4
4/ 3																					2
<b>TOTAL</b>	1.7	12.0	11.4	11.4	16.7	16.8	13.0	9.3	4.9	1.6	.8	.4	.1					1695	1695	1695	
Element (X)	Σ x <sup>2</sup>	Σ x	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	6324204	97692	57.620	6.70	1695	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	84									
Dry Bulb	6041550	99356	58.611	3.33	1695			22.7	10.2	1.4		84									
Wet Bulb	4509087	85667	50.510	2.90	1695			2.4	6.6	.1		84									
Dew Point	3338578	71399	42.113	1.960	1695			22.3	2.0	.1		84									

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

2

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

FEB

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL									
	0	1-2	3-4	5-6	7-8	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											
86/ 85									.1												1	1									
84/ 83									.1													1	1								
82/ 81							.1	.2	.2							.1			.1			10	10								
80/ 79						.1	.5	.4	.2	.2	.2					.1	.1					29	29								
78/ 77				.1	1.0	.8	.4	.2	.2	.1	.1											49	49								
76/ 75	.1	.1	.7	.9	.8	.7	.3	.2	.2	.2	.2	.2	.1									75	75	1							
74/ 73	.1	.1	.4	.9	.6	.8	.7	.1	.3	.2												70	70		1						
72/ 71		.1	.5	.7	.8	.6	.3	.9	.2	.2												76	76	10							
70/ 69		.2	.4	.7	.5	.5	.6	.8	.8	.6	.2											89	89	54	3						
68/ 67		.2	.5	.7	.7	1.1	.8	.6	.9	.3	.1											90	90	47	21						
66/ 65	.1	.5	.6	.5	.8	1.3	1.1	1.4	1.7	.6	.2											149	149	70	42						
64/ 63	.1	.6	.4	.4	.2	.4	1.2	1.3	.9	.1												94	94	67	66						
62/ 61	.2	.6	.5	.6	.9	.8	.9	.8	.6													94	94	88	50						
60/ 59	.1	.1	.2	.4	1.1	.9	1.2	1.2	.7													101	101	79	59						
58/ 57		.3	.7	.6	.9	1.1	1.4	1.2	.3													102	102	74	56						
56/ 55	.2	.8	.5	.4	.2	.9	2.0	.6	.2													100	100	107	56						
54/ 53	.1	.6	.5	1.1	.9	.9	1.2	.5														98	98	96	69						
52/ 51	.6	1.4	.5	.5	.9	.9	.5	.4														87	87	135	60						
50/ 49	.1	1.2	1.1	.6	.9	.8	.8	.4														92	92	143	69						
48/ 47	.2	1.1	.4	.5	.2	1.1	.7															71	71	148	77						
46/ 45	.2	1.3	.6	.2	.7	.7	.2															67	67	137	97						
44/ 43	.1	.3	.5	.2	.4	.5																33	33	112	83						
42/ 41	.2	.5	.2	.4	.5	.1																32	32	91	102						
40/ 39	.1	.4	.4	.1	.2	.1																21	21	56	89						
38/ 37		.2	.3	.2	.1																	14	14	61	66						
36/ 35	.1	.4	.1	.1																		12	12	56	87						
34/ 33	.2	.2	.3	.1																		12	12	23	98						
32/ 31	.2	.1	.3																			9	9	16	69						
30/ 29	.2	.1																				5	5	14	82						
28/ 27																									6	54					
26/ 25		.2																				3	3		55						
24/ 23																									3	46					
22/ 21																										38					
20/ 19																										34					
Element (X)	$\Sigma x^2$																				$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.																									≤ 0 F	≤ 32 F	≥ 57 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																															
Wet Bulb																															
Dew Point																															

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



DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

FEB

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75		.1		.3	.4													12	12		
74/ 73		.1	.5	.8	.5	.2	.1											35	35	1	
72/ 71			.7	.7	.2	.3		.1								.1		34	34	1	2
70/ 69		.2	1.4	1.2	.5	.3												69	69	24	
68/ 67		.6	1.1	.7	.7	.6	.1	.1	.1									67	67	40	26
66/ 65	.1	.9	1.2	1.4	.8	.2	.4	.2	.4									93	93	56	40
64/ 63	.1	.7	1.0	1.0	.7	.6	.3	.5	.1									83	83	58	46
62/ 61	.1	1.2	.6	.7	1.2	.5	1.0	.5										100	100	61	62
60/ 59	.1	.6	.8	.6	1.6	1.1	.8	.2										98	98	87	45
58/ 57	.1	.8	1.2	.9	1.5	1.8	.8	.2										124	124	55	62
56/ 55	.2	.8	.8	1.3	1.5	1.4	.9	.2										119	119	76	63
54/ 53	.2	.8	.8	1.6	1.5	1.7	.5											119	119	81	59
52/ 51	.1	.9	.9	2.1	1.2	1.4	.6											124	124	107	58
50/ 49	.2	1.4	1.8	1.1	1.2	1.1	.2											117	117	130	66
48/ 47	.2	1.9	.6	1.4	2.1	.9	.1											122	122	156	61
46/ 45	.3	1.0	1.3	.8	1.2	.4	.1											85	85	158	102
44/ 43	.1	1.2	1.0	1.1	1.2	.3	.1											84	84	115	120
42/ 41	.4	.9	1.1	.5	.9	.4												68	68	130	91
40/ 39	.2	.4	.2	.6	.6	.1												37	37	110	99
38/ 37	.1	.4	.4	.3	.3													30	30	69	96
36/ 35	.1	.6	.4	.4	.2													28	28	45	102
34/ 33		.4	.4	.2														17	17	55	90
32/ 31		.4	.2	.2														14	14	33	68
30/ 29	.2	.3	.2															11	11	26	80
28/ 27	.1	.1	.1															9	9	19	61
26/ 25																				6	45
24/ 23																					45
22/ 21																					29
20/ 19																					29
18/ 17																					20
16/ 15																					12
14/ 13																					10
12/ 11																					5
10/ 9																					1
Element (X)	Σx'		Σx		X̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

**13934** STATION **ENGLAND AFB LOUISIANA/ALEXANDRIA** STATION NAME **44-45, 53-70** YEARS **FEB** MONTH  
 PAGE 2 **1800-2000** 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
TOTAL	2.7	16.5	18.7	20.2	19.9	13.3	6.1	2.0	.5	.1	.1							1695	1695	1695

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature								
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Rel. Hum.	7884883	111235	65.618	562	1695									
Dry Bulb	5170119	92048	54.310	068	1695		1.5	10.8	2.3					84
Wet Bulb	4150300	82192	48.5	9.861	1695		4.0	3.3	.0					84
Dew Point	3287733	71401	42.112	.856	1695		20.1	1.4						84

USAF ETAC FORM 0-26-5 (OLA) 29 APR 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

FEB  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B.-W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	Dry Bulb	Wet Bulb	Dew Point																
74/73			.2																													3	3			
72/71		.2	1.0	.1																												23	23			
70/69		.4	1.2	.5																												37	37	18	3	
68/67	.1	1.4	1.2	.5	.1																											59	59	28	29	
66/65	.4	2.4	.8	.3	.1																											67	67	58	34	
64/63	.2	1.1	1.7	.4	.1																											60	60	63	57	
62/61	.2	1.7	1.2	.5	.4	.2																										70	70	49	56	
60/59	.1	1.2	1.2	.8	.4	.1	.3		.1																							67	67	68	49	
58/57		1.2	1.7	.6	.6	.2	.2																									77	77	44	53	
56/55	.1	1.5	1.3	1.4	.7	1.1	.1																									109	109	58	52	
54/53	.2	1.9	2.0	1.0	1.2	.4	.2																									116	116	77	48	
52/51	.3	1.3	1.7	1.3	1.4	.4	.1																									109	109	88	61	
50/49	.1	1.4	2.4	1.7	1.1	.3	.1																									147	147	89	68	
48/47	.2	2.5	2.8	1.7	.9	.5																										146	146	114	67	
46/45	.6	2.4	1.9	1.7	1.0																											130	130	171	46	
44/43	.5	1.5	1.9	2.2	.4																											110	110	137	118	
42/41	.8	1.4	1.6	1.6	.4																											97	97	129	104	
40/39		1.3	2.4	.9	.3																											83	83	114	95	
38/37	.2	1.4	1.0	1.1	.1																											66	66	124	99	
36/35	.3	.4	1.1	.6	.1																											43	43	80	113	
34/33	.1	.9	1.0	.5																												41	41	42	95	
32/31		.9	.4	.3																												27	27	58	77	
30/29		.6	.7	.2																												26	26	44	81	
28/27	.3	.2	.2																													12	12	32	68	
26/25		.4																														6	6	21	47	
24/23																																			3	40
22/21																																				33
20/19																																				18
18/17																																				16
16/15																																				14
14/13																																				6
12/11																																				3
TOTAL	4.7	29.7	32.4	19.8	9.2	3.1	1.1	.1																									1695	1695	1695	1695
Element (X)	ΣX <sup>2</sup>		ΣX		X		ΣX		No. Obs.		Mean No. of Hours with Temperature							Total																		
Rel. Hum.	9908918		126942		74.9		15,404		1695		≤ 0 F	≤ 32 F	> 67 F	> 73 F	> 80 F	> 93 F																				
Dry Bulb	4444163		85031		50.2		10,265		1695			3.5	5.8	.1			84																			
Wet Bulb	3832965		78643		46.4		10,426		1695			7.8	2.3				84																			
Dew Point	3268452		71296		42.1		12,614		1695			20.0	1.6				84																			

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

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

MAR  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
74/ 73		.2	.9	.2														24	24		
72/ 71		.9	1.7	.2														52	52	11	5
70/ 69	.2	2.1	2.6	.3														96	96	47	20
68/ 67	.1	1.5	2.1	.4	.1													79	79	62	65
66/ 65	.4	2.2	1.2	.2	.1	.1	.1											78	78	84	74
64/ 63	.2	2.4	1.1	.4	.1	.1	.1	.1										79	79	83	97
62/ 61	.2	2.5	1.9	.7	.2													106	106	78	73
60/ 59	.9	2.9	1.3	.8	.3	.1	.1											119	119	92	89
58/ 57	.9	3.4	1.1	.9	.5	.2												123	123	115	77
56/ 55	.3	2.2	2.0	1.5	.9	.2												130	130	110	112
54/ 53	.1	1.1	2.0	1.6	.8	.1												104	104	73	91
52/ 51	.1	1.8	1.8	1.5	.7	.4												118	118	94	45
50/ 49		2.0	2.6	1.5	.4	.4												128	128	106	71
48/ 47	.3	1.9	2.4	1.5	.4	.1												125	125	134	90
46/ 45	.2	2.2	2.0	1.3	.6	.1												120	120	148	103
44/ 43	.1	1.5	2.1	.9	.3	.2												93	93	118	95
42/ 41	.1	1.7	1.2	1.0	.2													77	77	110	139
40/ 39	.1	1.2	1.1	1.0	.2													67	67	107	104
38/ 37		1.2	.8	.6														47	47	73	90
36/ 35	.1	.8	.6	.5														35	35	63	103
34/ 33	.1	.9	.9	.1														28	28	49	62
32/ 31		.4	.2	.3														16	16	37	51
30/ 29		.3	.2	.1														10	10	25	61
28/ 27		.1	.1	.1														6	6	10	39
26/ 25																				6	32
24/ 23																				4	26
22/ 21																				1	13
20/ 19																					14
18/ 17																					6
16/ 15																					4
14/ 13																					3
12/ 11																					2
10/ 9																					2
8/ 7																					2
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) 44 REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

MAR  
MONTH

PAGE 2 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
TOTAL	3.9	37.2	33.4	17.4	5.6	1.9	.2	.3										1860	1860	1860	1860														
Element (X)	Σx <sup>2</sup>		Σx		X	s <sub>x</sub>	No. Obs.		Mean No. of Hours with Temperature																										
Rel. Hum.	11865908		146366		78.7	13.685	1860		≤ 0 F	≤ 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total																				
Dry Bulb	5539656		99472		53.6	10.333	1860			1.6	12.6	1.2			93																				
Wet Bulb	4910273		93459		50.2	10.739	1860			4.2	7.0				93																				
Dew Point	4377907		87075		46.8	12.739	1860			12.8	4.9				93																				

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

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DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

33934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-43,53-70 HAR  
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31		Dry Bulb	Wet Bulb	Dew Point
74/ 73		.1	.3	.1														8	8		6
72/ 71		1.0	2.3	.2														64	64	9	18
70/ 69	.2	2.3	2.2	.3														91	91	34	63
68/ 67	.3	1.7	1.8															69	69	104	81
66/ 65	.2	2.0	1.1															62	62	71	95
64/ 63	.3	2.6	1.1	.1		.1												83	83	81	67
62/ 61	.3	2.3	.7	.2	.1	.1	.1											68	68	76	84
60/ 59	.5	3.3	1.1	.2	.2	.2												103	103	86	79
58/ 57	.4	3.0	1.2	.4	.1	.2	.1											99	99	67	68
56/ 55	.4	2.5	1.3	.3	.6	.3	.1											107	107	95	86
54/ 53	.5	2.5	1.6	.6	.1	.1	.1											101	101	86	56
52/ 51	.1	2.6	1.8	.8	.3	.2												106	106	79	89
50/ 49	.6	3.2	1.8	.6	.5	.2												131	131	111	89
48/ 47	.3	2.2	2.9	1.0	.4													127	127	131	103
46/ 45	.1	3.2	1.5	.9	.3													112	112	110	80
44/ 43	.3	2.9	1.9	1.2	.2	.1												123	123	139	130
42/ 41	.2	2.0	1.9	.6	.2	.1												93	93	110	95
40/ 39	.1	2.3	1.2	.6	.1													80	80	99	80
38/ 37	.2	2.0	1.1	.3														71	71	119	108
36/ 35	.2	1.1	.5	.6														46	46	71	88
34/ 33	.2	1.7	.8	.3														55	55	39	63
32/ 31		.6	.8	.2														30	30	32	60
30/ 29		.4	.2	.1														12	12	29	45
28/ 27	.2	.3	.1															12	12	29	43
26/ 25		.3	.1															7	7	8	20
24/ 23																				9	16
22/ 21																					18
20/ 19																					14
18/ 17																					5
16/ 15																					4
14/ 13																					3
12/ 11																					1
10/ 9																					
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

MAR  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point										
TOTAL	5.9	48.1	31.5	9.9	3.1	1.3	.3													1860	1860	1560	1860									

Element (X)	Z <sub>X</sub> '	Z <sub>X</sub>	X	σ <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	12801434	132604	81.912,992		1860							
Dry Bulb	5201923	96189	51.711,063		1860		2.1	11.6	.4			93
Wet Bulb	4704701	91127	49.011,334		1860		6.6	7.4				93
Dew Point	4274291	83795	46.113,062		1860		14.6	4.4				93

USAFETAC FORM 88-4 0-26-5 (OL A) AIR WEATHER SERVICE/MAC 12-68

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DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 53-70

MAR  
MONTH

PAGE 1 0600-0800  
H01 75 (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
74/ 73		.1	.4	.4																												15	15				
72/ 71		1.2	2.3	.4																													72	72	8	4	
70/ 69	.1	1.7	2.4	.3																													83	83	45	18	
68/ 67	.2	1.5	1.6	.1	.1																												63	63	98	66	
66/ 65	.3	2.1	1.4	.1			.1										.1																74	74	70	89	
64/ 63	.3	2.4	1.3	.1	.1																												76	76	75	76	
62/ 61	.5	2.0	1.1		.1																												70	70	90	76	
60/ 59	.3	2.6	1.1	.4	.2	.1																											90	91	64	80	
58/ 57	.3	3.0	1.8	.4	.2	.1																											110	110	74	70	
56/ 55	.5	2.3	1.3	.7	.5	.1																											100	100	95	73	
54/ 53	.5	3.1	1.3	1.0	.4	.3	.1																										124	124	91	97	
52/ 51	.3	2.3	1.9	1.1	.3	.2	.1																										113	113	101	69	
50/ 49	.6	3.2	1.2	.7	.6	.1																											119	119	112	89	
48/ 47	.2	2.5	1.9	1.0	.5	.1																											117	117	124	85	
46/ 45	.3	3.4	1.7	1.0	.4	.1																											128	128	117	116	
44/ 43	.2	1.8	1.6	.6	.3	.1																											86	86	111	90	
42/ 41	.1	2.3	1.6	.8	.4																												95	95	107	100	
40/ 39	.2	2.2	1.8	.7	.2	.1																											94	94	99	91	
38/ 37	.1	2.1	.4	.6	.1																												60	60	107	72	
36/ 35		1.7	.7	.3																													51	51	79	109	
34/ 33	.2	1.3	.5	.4	.1																												45	45	53	86	
32/ 31	.2	1.0	.8	.3																													42	42	54	65	
30/ 29		.5	.2	.1																													14	14	35	63	
28/ 27	.1	.4	.2																														11	11	29	44	
26/ 25	.1	.3	.1																														7	7	14	36	
24/ 23																																		7	7	7	31
22/ 21																																					15
20/ 19																																					26
18/ 17																																					6
16/ 15																																					10
14/ 13																																					4
12/ 11																																					2
8/ 7																																					1
Element (X)	ΣX²	ΣX	Σ	Σ <sub>x</sub>	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) 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

MAR  
MONTH

PAGE 1 0900-1100  
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																	
84/83								.1																									1	1				
82/81								.2	.1	.1																								6	6			
80/79				.1	.3	.4	.3															.1												20	20			
78/77				.2	.9	.6	.2	.1	.1	.1																								38	38			
76/75			.3	1.0	1.0	.5	.1	.1	.1	.1												.1												59	59			
74/73		.1	1.1	2.0	.9	.4	.4			.1	.1																							96	96	3		
72/71		1.0	1.0	1.4	.9	.3	.3	.2	.1	.1												.1												100	100	32	5	
70/69		.3	1.1	1.0	1.1	.6	.4	.4	.2	.2																								101	101	96	30	
68/67		.8	1.5	1.4	.9	.4	.6	.2	.1	.1																								109	109	102	66	
66/65	.1	1.0	1.6	1.0	1.1	.3	.9	.3	.4	.1	.1																							123	123	86	90	
64/63	.1	1.0	1.3	1.0	.8	.7	.9	.6	.3	.2																								122	122	101	93	
62/61	.1	1.4	1.4	.9	.8	1.0	.8	.2	.2																									122	122	106	77	
60/59	.1	1.5	1.0	1.0	1.2	.9	.8	.3	.2																									130	130	109	113	
58/57	.1	1.2	1.0	1.0	1.1	.8	.2	.6			.1																							115	115	122	98	
56/55	.1	1.2	1.1	1.1	.9	.9	.8	.3																										117	117	107	92	
54/53	.2	.8	.9	.9	1.3	1.0	1.0	.2																										116	116	117	95	
52/51	.1	.9	1.0	1.1	.9	.9	.3																											90	90	130	68	
50/49	.2	.9	.9	1.1	1.5	.7	.4																											104	104	119	85	
48/47		1.1	1.0	.6	.3	.4	.3																											73	73	121	76	
46/45	.2	.4	.6	.6	.5	.5	.1																											53	53	110	99	
44/43		.3	.6	.6	.7	.2																												46	46	109	109	
42/41		.3	.6	.6	.4	.2																												35	35	74	77	
40/39	.1	.1	.3	.1	.3																													20	20	63	76	
38/37		.2	.3	.4	.2																													22	22	45	78	
36/35	.1	.2	.4	.2	.1																													12	12	41	83	
34/33		.2	.2	.2																														11	11	29	58	
32/31		.2	.1	.2																														8	8	21	55	
30/29				.1																														1	1	13	48	
28/27																																					5	43
26/25																																				3	30	
24/23																																						31
22/21																																					22	
20/19																																					20	
18/17																																					20	
Element (X)	ΣX <sup>2</sup>		ΣX		X̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature							Total																				
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 13 F	Total																					
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 53-70

YEARS

MAR  
MONTH

PAGE 2 0900-1100  
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
16/ 15																				14
14/ 13																				7
12/ 11																				2
<b>TOTAL</b>	<b>1,215,318,819,718,311,8</b>	<b>9,0</b>	<b>3,2</b>	<b>1,8</b>	<b>,7</b>	<b>,2</b>											<b>1860</b>	<b>1860</b>	<b>1860</b>	

Element (X)	Zx'	Zx	X	x'	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8696711	122507	65.918,378		1860							
Dry Bulb	6827700	110998	59.710,469		1860		26.5	11.0	1.0			93
Wet Bulb	5485676	99170	53.310,325		1860		2.1	11.7	.2			93
Dew Point	4496452	87912	47.312,550		1860		14.9	5.1				93

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 53-70 MAR  
 STATION STATION NAME 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
86/ 87									.1	.3	.1	.1						2	2		
86/ 85								.4	.6	.1	.1							11	11		
84/ 83						.2	.4	.6	.1	.1								29	29		
82/ 81					.2	.7	1.1	.8	.2	.2	.2							66	66		
80/ 79				.1	.4	1.1	1.2	.8	.3	.2	.2	.2						84	84		
78/ 77		.1	.1	.4	1.0	.8	.9	.9	.4	.3	.2	.1						94	94		
76/ 75			.4	.6	1.1	1.6	1.3	.5	.6	.5	.2	.1						129	129	2	1
74/ 73		.2	.3	1.1	1.0	1.1	1.0	.8	.4	.6	.6	.1						134	134	16	
72/ 71		.2	.4	.5	1.1	.8	.7	.8	1.0	.5	.3							126	126	60	11
70/ 69		.6	.3	.9	1.2	1.1	1.1	1.1	.8	.8	.1							147	147	119	25
68/ 67	.1	.3	1.0	1.0	1.3	1.1	1.2	1.6	.7	.6	.1							167	167	114	57
66/ 65	.1	.3	.4	.3	.9	.9	1.0	1.2	.8	.5	.1							120	120	123	98
64/ 63		.3	.8	.6	.5	.5	.5	.8	1.1	.1								98	98	118	87
62/ 61		.6	.4	.4	.6	.5	.5	1.1	.7									89	89	124	104
60/ 59		.5	.3	.5	.6	.4	.8	1.2	.6	.1								93	93	129	100
58/ 57	.1	.2	.5	.5	.6	.8	1.2	.9	.1									89	89	120	95
56/ 55	.1	.8	.7	.3	.5	.8	.6	.5	.1									81	81	134	102
54/ 53		.6	.7	.1	.7	.5	1.0	.5										76	76	123	80
52/ 51		.6	.5	.2	.5	.3	.5	.2										53	53	115	92
50/ 49	.1	.3	.5	.3	.3	.5	.5											46	46	107	100
48/ 47	.1	.3	.2	.3	.2	.4	.2											30	30	106	62
46/ 45		.4	.6	.1	.3	.4												32	32	108	96
44/ 43		.2	.4		.1	.2												21	21	68	74
42/ 41		.2			.3	.1												12	12	52	77
40/ 39		.1	.3	.1	.2													12	12	50	82
38/ 37	.1	.2	.4	.1	.1													13	13	21	82
36/ 35	.1		.1	.1														3	3	23	69
34/ 33		.1	.1	.1														3	3	14	64
32/ 31																				9	61
30/ 29																				2	51
28/ 27																				1	46
26/ 25																					37
24/ 23																					35
22/ 21																					23
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

2  
 DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13934      ENGLAND AFB LOUISIANA/ALEXANDRIA      44-45, 53-70

STATION

STATION NAME

YEARS

MAR  
 MONTH

PAGE 2      1200-1400  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point						
20/ 19																						14					
18/ 17																						23					
16/ 15																						8					
14/ 13																						3					
12/ 11																						1					
<b>TOTAL</b>	.5	6.9	9.8	8.4	13.8	14.9	15.8	14.4	8.0	4.7	2.0	.5	.2						1860		1860						
																		1860		1860							
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.		Mean No. of Hours with Temperature						Total														
Rel. Hum.	6277286	101924	54.8	19.294	1860		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93														
Dry Bulb	8235887	122205	65.7	12.535	1860				49.5	27.5	7.6		93														
Wet Bulb	6005160	104150	56.0	9.633	1860				.6	15.6	.9		93														
Dew Point	4528958	88266	47.5	13.530	1860				15.1	4.7	.1		93														

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

DATA PROCESSING DIVISION  
 USAF EYAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 53-70

MAR  
 MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	± 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87									.2	.2			.1					4	4		
85/ 85									.1	.2		.1	.1	.1				12	12		
84/ 83						.2	.2	.8	.5	.2		.2	.1					41	41		
82/ 81					.1	.5	.4	.8	.1	.4	.3	.2						52	52		
80/ 79			.1		.3	1.1	1.2	.7	.5	.3	.4		.2					93	93		
78/ 77			.2	.3	.7	1.2	1.2	1.1	.5	.3	.3	.2						117	117		
76/ 75			.9	.9	1.0	1.8	1.6	1.3	.3	.6	1.0	.1						167	167	1	
74/ 73		.2	.9	1.0	.9	.9	1.1	.9	1.1	1.0	.6							157	157	15	1
72/ 71		.3	.9	.4	.7	1.1	1.3	.8	1.5	.9	.4	.1						151	151	47	9
70/ 69		.2	.3	.3	1.1	1.0	.9	1.2	1.3	.9	.2							141	141	132	30
68/ 67		.3	.4	.5	.9	.3	.9	1.4	1.2	.8								126	126	95	57
66/ 65		.5	.5	.4	.2	.7	.7	.6	1.1	.6	.1							101	101	133	66
64/ 63		.3	.6	.7	.4	.6	.5	.8	1.4	.6								108	108	118	96
62/ 61	.1	.9	.9	.6	.3	.6	.4	.8	.9	.1								96	96	149	82
60/ 59		.4	.3	1.0	.9	.9	.8	1.4	.8	.1								112	112	123	104
58/ 57		.8	.7	.3	.4	.6	.9	.6	.3									85	85	129	101
56/ 55		.2	.3	.5	.4	.5	.8	.8	.2									67	67	174	100
54/ 53		.4	.3	.3	.1	.2	.5	.3										44	44	120	94
52/ 51	.2	.4	.5	.9	.1	.6	.5	.1										52	52	101	101
50/ 49	.1	.3	.3	.3	.1	.3	.5											29	29	113	68
48/ 47	.2	.4	.2	.3	.3	.2	.2											32	32	112	87
46/ 45	.1	.3	.3	.3														18	18	99	95
44/ 43		.4	.1	.1	.2	.2												19	19	61	82
42/ 41		.1	.3	.1	.2	.1												10	10	60	83
40/ 39		.1	.3		.3	.1												12	12	32	80
38/ 37	.1	.1			.1													4	4	17	84
36/ 35		.3	.2															8	8	11	62
34/ 33		.1																2	2	13	65
32/ 31																				8	65
30/ 29																				1	58
28/ 27																					50
26/ 25																					35
24/ 23																					40
22/ 21																					22
Element (X)	Σ x <sup>2</sup>		Σ x		x̄		s <sub>x</sub>		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) JUL 64  
 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

13934  
 STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
 STATION NAME

44-45,53-70

YEARS

MAR  
 MONTH

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			
20/ 19																						11		
18/ 17																						20		
16/ 15																						5		
14/ 13																						3		
12/ 11																						4		
TOTAL	.6	6.9	7.7	9.1	9.1	13.6	14.6	14.6	11.7	7.4	3.4	.9	.4	.1				1860	1860	1860	1860			
Element (X)	Z <sub>X</sub> <sup>2</sup>	Z <sub>X</sub>	X	Σ <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	5844711	97423	52.4	19,977	1860	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93												
Dry Bulb	8520572	124444	66.9	10,231	1860			53.1	32.2	7.9		93												
Wet Bulb	6063712	104814	56.4	9,198	1860		.5	14.3	.8			93												
Dew Point	4455365	87577	47.1	13,360	1860		15.7	4.9	.1			93												

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

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DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13936 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 53-70

YEARS MONTH

PAGE 1 1800-2000  
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				
82/ 81									.1	.1											3			
80/ 79									.1	.1	.1										7			
78/ 77					.2	.4	.5	.3	.1	.1	.1										33	33		
76/ 75		.1	.4	.7	.7	.4	.3	.1	.1	.1											55	55		
74/ 73		.3	1.2	1.8	1.1	.8	.5	.3	.1	.2	.2										120	120	3	
72/ 71		.2	1.2	2.0	1.0	.7	.6	.4	.4	.1	.1										126	126	21	9
70/ 69	.1	.8	1.6	1.4	1.9	.8	.6	.4	.4	.1											150	150	66	22
68/ 67		.6	1.0	1.7	1.3	1.2	.9	1.1	.3	.1											154	154	112	59
66/ 65	.1	.5	.3	1.5	1.8	1.2	.6	1.1	.3												137	137	105	72
64/ 63	.1	1.1	.3	.9	1.0	1.0	1.7	.8	.4	.1											134	134	100	83
62/ 61	.1	1.1	.9	1.1	1.1	1.4	.8	.6	.2												136	136	128	99
60/ 59	.2	1.1	1.2	.9	1.0	1.0	1.0	1.2	.1												141	141	118	85
58/ 57	.1	.6	.5	.9	1.0	1.2	1.3	.3	.1												110	110	141	98
56/ 55		.3	.8	.6	1.2	1.5	.8	.4													109	109	122	92
54/ 53		.6	1.1	.6	1.0	1.1	.9	.2													100	100	112	105
52/ 51	.2	.8	.8	.2	.7	1.0	.6	.1													78	78	144	88
50/ 49	.2	.5	.9	.8	1.1	.9	.3														79	79	136	82
48/ 47		.4	.4	.4	.6	.8	.1														44	44	120	79
46/ 45	.1	.9	.4	.8	.6	.4															58	58	108	109
44/ 43		.2	.5	.4	.5																30	30	98	104
42/ 41		.1	.2	.2	.1	.1															11	11	70	86
40/ 39		.2	.2	.3	.1	.1															15	15	58	84
38/ 37		.3	.1	.1	.2																12	12	43	71
36/ 35		.2	.1	.1	.2																8	8	23	83
34/ 33	.1	.5																			10	10	12	80
32/ 31																							13	62
30/ 29																							4	67
28/ 27																							3	40
26/ 25																								37
24/ 23																								16
22/ 21																								14
20/ 19																								12
18/ 17																								8
16/ 15																								6
Element (X)	Σ X <sup>2</sup>		Σ X		X̄		σ <sub>x</sub>		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 JUL 54

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 DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 33-70

MAR  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point		
14/ 13																					3		
12/ 11																					3		
10/ 9																					2		
TOTAL	1.0	1.5	3.2	7.4	19.0	16.1	11.2	7.2	2.5	.8	.3							1860	1860	1860			

Element (X)	Zx²	Zx	X̄	sₓ	No. Obs.	Mean No. of Hours with Temperature					Total	
	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F		≥ 80 F	≥ 93 F					
Rel. Hum.	7804015	115429	62.1	18.51	1860							
Dry Bulb	7180911	114213	61.4	9.490	1860			32.4	10.9	.3		93
Wet Bulb	5596773	100513	54.0	9.424	1860		1.0	10.1	.2			93
Dew Point	4456180	87874	47.2	12.801	1860	13.5		4.5				93

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

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,53-70

MAR  
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
76/ 73			.1		.1												2	2			
74/ 73		.1	1.2	.6													36	36			
72/ 71		.7	2.0	1.1	.2	.1											76	76	12	2	
70/ 69		1.8	2.7	.6	.3	.1		.1	.1								108	108	52	28	
68/ 67		1.1	2.8	.6	.6	.1	.1	.1									101	101	88	58	
66/ 65	.2	1.5	1.7	1.1	.8	.4	.3	.1									111	111	94	84	
64/ 63	.2	1.4	2.2	1.3	.5	.7	.1	.1									121	121	98	90	
62/ 61	.1	2.0	1.9	1.6	1.1	.3	.2										136	136	78	70	
60/ 59	.5	1.8	1.6	1.3	1.4	1.0	.2										144	144	126	102	
58/ 57	.1	2.0	1.7	2.0	1.2	.5	.2	.1									146	146	115	95	
56/ 55	.1	.4	1.2	2.0	1.7	.5	.2	.1									127	117	115	92	
54/ 53	.2	.9	1.1	1.8	1.8	.5	.3										123	123	109	96	
52/ 51		1.8	2.0	2.0	1.2	.5	.1										141	141	101	63	
50/ 49	.1	1.1	1.3	1.8	.9	.3											102	102	153	48	
48/ 47	.1	1.1	.9	1.4	1.1	.3											91	91	143	94	
46/ 45	.1	.8	1.3	1.1	.8	.5											86	86	119	117	
44/ 43	.2	.4	1.5	1.2	.2	.2											70	70	102	130	
42/ 41		.5	.8	.9	.3	.1											46	46	89	80	
40/ 39	.1	.7	.5	.6	.2												39	39	89	88	
38/ 37	.1	.6	.4	.4													26	26	64	108	
36/ 35	.1	.3	.3	.1													14	14	50	88	
34/ 33		.5	.1	.3	.1												18	18	29	57	
32/ 31		.1	.1														3	3	18	55	
30/ 29			.1	.1													2	2	5	64	
28/ 27																			6	29	
26/ 25																			4	28	
24/ 23																				17	
22/ 21																				8	
20/ 19																				13	
18/ 17																				5	
16/ 15																				3	
14/ 13																				3	
12/ 11																				1	
10/ 9																				3	
Element (X)	Σx <sup>2</sup>		Σx		x̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

2  
 DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 53-70

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2 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	
TOTAL	2.0	21.6	29.4	24.2	14.7	6.0	1.7	.3	.1	.1								1859	1859	1859		
Element (X)	Σx²	Σx	Σ	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	10331025	125647	73.0	13.269	1859	= 0 F	≤ 32 F	≤ 67 F	> 73 F	≥ 80 F	≥ 93 F										Total	
Dry Bulb	6120204	105192	56.6	9.309	1859		3	16.2	1.9												93	
Wet Bulb	5211271	96679	52.0	9.935	1859		1.7	7.6													93	
Dew Point	4487383	88397	47.6	12.368	1859		11.9	4.4													93	

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 52-70

APR

PAGE 1 0000-0200  
 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																		
78/ 77		.1	.4				.1	.1	.1																								12	12				
76/ 75			.4	.3																														21	21		1	
74/ 73		1.4	2.4	1.0																														89	89	12	2	
72/ 71	.1	3.6	3.2	1.1	.1																													147	147	57	34	
70/ 69	.2	4.1	3.2	1.6	.1	.1																												171	171	163	95	
68/ 67	.1	4.7	3.6	.4	.1	.1																												166	166	138	150	
66/ 65	.5	4.4	4.1	1.1	.4	.1	.1																											196	196	185	159	
64/ 63	.3	5.1	3.0	.8	.4	.2	.1																											183	183	178	172	
62/ 61	.4	3.5	2.3	.9	.7	.2	.1	.1																										150	150	183	174	
60/ 59	.2	2.3	2.2	1.0	.5	.2	.1	.1																										119	119	128	142	
58/ 57	.1	2.8	2.3	1.1	.4	.2	.1																											130	130	119	109	
56/ 55		2.5	1.7	.8	.3		.1																											99	99	122	114	
54/ 53	.5	1.5	1.7	.9	.3		.1																											91	91	118	116	
52/ 51	.1	1.6	1.3	.9	.2																													75	75	99	89	
50/ 49	.1	1.2	1.6	.7	.3																													71	71	92	88	
48/ 47	.1	1.1	1.3	.3																														55	55	69	84	
46/ 45	.1	.8	.6	.2	.1																													32	32	76	70	
44/ 43		.5	.3	.1	.1																													18	18	49	62	
42/ 41		.4	.1	.1																														9	9	25	61	
40/ 39	.1	.4	.1	.1																														12	12	20	50	
38/ 37																																					9	41
36/ 35																																					2	12
34/ 33																																					1	6
32/ 31																																						7
30/ 29																																						4
28/ 27																																						2
24/ 23																																						3
TOTAL	2.74	1.83	6.61	3.3	3.7	1.1	.7	.2																											1846		1846	
Element (X)	$\Sigma X^2$	$\Sigma X$		X	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.	12033785	153869		63.4	10.678	1846	$\leq 6 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 86 F$	$\leq 93 F$	Total																									
Dry Bulb	7199507	114331		61.9	8.013	1846			29.5	5.9			90																									
Wet Bulb	6525580	108682		58.9	8.296	1846			18.1	.6			90																									
Dew Point	6088661	104569		56.6	9.476	1846			.8	13.7	.1		90																									

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

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-43, 52-70

APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B.-W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		> 31	Dry Bulb	Wet Bulb	Dew Point
76/ 75		.2	1.1															24	24		
74/ 73		1.0	1.9	.6														65	65	9	2
72/ 71	.1	2.9	3.0	1.0		.1												131	131	58	22
70/ 69	.1	4.0	3.1	1.2														155	155	127	90
68/ 67	.3	4.5	2.9	.3	.1	.2												157	157	145	138
66/ 65	1.0	5.3	2.2	.8	.1													171	171	183	155
64/ 63	.8	4.3	1.4	.3	.1		.1											125	125	159	167
62/ 61	.9	4.7	1.4	.3		.2	.2											141	141	156	171
60/ 59	.9	3.6	1.2	.3	.2	.2												119	119	124	147
58/ 57	.9	4.4	1.6	.6	.4	.2												149	149	121	97
56/ 55	.7	3.4	1.9	.6	.3	.1												129	129	115	125
54/ 53	.4	2.5	1.1	.3	.4	.1												89	89	111	106
52/ 51	.1	1.8	1.0	.7	.3	.1												75	75	96	92
50/ 49	.6	1.8	1.5	.3	.1	.1												82	82	94	76
48/ 47	.2	2.2	1.2	.4	.1													75	75	73	79
46/ 45	.4	1.7	1.0	.2														62	62	105	87
44/ 43	.2	1.1	.9	.2														36	36	54	68
42/ 41	.1	.8	.9	.1														28	28	48	58
40/ 39	.1	.9	.3															23	23	29	55
38/ 37	.1	.2																6	6	29	44
36/ 35	.1	.1	.1															4	4	7	36
34/ 33		.1																1	1	1	15
32/ 31																				3	8
30/ 29																					5
28/ 27																					3
26/ 25																					1
TOTAL	8.0	51.5	29.1	8.2	1.9	1.0	.2											1847	1847	1847	1847
Element (X)	Z <sub>x</sub> <sup>2</sup>	Z <sub>x</sub>	Z	Z <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	13951713	159499	86.4	9.821	1847	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	6821749	111027	60.1	8.908	1847			25.9	4.3			90									
Wet Bulb	6294000	106528	57.7	9.010	1847			.1	16.5	.4		90									
Dew Point	5948409	103212	55.9	9.894	1847			.8	12.3	.1		90									

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

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

APR  
MONTH

STATION

STATION NAME

YEARS

PAGE 1

0600-0800  
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				
80/ 79				.1																	1	1		
78/ 77		.1	.2	.4																	12	12		
76/ 75		.2	1.5	.7																	45	45	1	
74/ 73		1.4	3.4	.8	.1	.1															106	106	15	3
72/ 71	.2	2.8	3.5	1.6	.1	.1	.1														152	152	88	37
70/ 69	.3	3.8	3.8	1.4	.2	.1	.1	.1	.1												179	179	153	119
68/ 67	.5	3.6	3.1	.5	.1	.1	.1														149	149	152	149
66/ 65	.9	3.8	2.2	.7	.3	.2															148	148	195	166
64/ 63	.8	3.3	2.2	1.2	.2	.2	.1														149	149	152	177
62/ 61	.9	3.8	1.7	.5	.3	.4		.1													141	141	128	146
60/ 59	.7	3.7	1.7	.9	.5	.2	.1														143	143	135	113
58/ 57	.4	3.3	1.3	.4	.6	.2	.2														119	119	143	122
56/ 55	.6	2.4	1.4	.9	.8	.1															113	113	117	125
54/ 53	.3	2.7	1.0	.6	.5	.1															96	96	106	120
52/ 51	.3	1.2	1.1	.6	.4	.1	.1														68	68	88	82
50/ 49	.2	1.4	1.1	.7		.2															65	65	77	75
48/ 47	.2	1.1	1.2	.5	.1																56	56	84	61
46/ 45	.2	.9	.5	.3	.1																42	42	73	70
44/ 43		.5	.5	.1																	21	21	54	67
42/ 41	.2	.4	.4	.1																	21	21	31	49
40/ 39		.5	.2																		13	13	27	47
38/ 37	.1	.3																			7	7	22	49
36/ 35																							4	35
34/ 33		.1																			1	1		15
32/ 31		.1																					1	7
30/ 29																							1	6
28/ 27																								5
26/ 25																								3
TOTAL	6.54	1.23	2.21	3.0	4.2	2.1	.6	.1	.1												1848	1848	1648	1848

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

Element (X)	$\Sigma x$	$\Sigma x^2$	$\bar{x}$	$s_x$	It. Obs.	Mean No. of Hours with Temperature						
Rel Hum.	13162736	154474	83.6	11.640	1848	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	7185296	114110	61.7	8.683	1848		.0	31.4	8.0			90
Wet Bulb	6518829	108533	58.7	8.850	1848		.1	20.0	.8			90
Dew Point	6087710	104424	56.5	10.064	1848		1.0	15.0	.1			90

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME 44-45, 52-70 YEARS APR MONTH

PAGE 1 0900-1100 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						
88/ 87									.1									1	1								
86/ 85								.1										4	4								
84/ 83					.2	.4	.2	.1	.1									19	19								
82/ 81				.2	1.4	1.1	.3	.1	.1	.2	.1							63	63								
80/ 79			.1	1.1	1.8	2.2	.6	.3	.2	.1	.2							122	122								
78/ 77			.2	2.5	2.8	1.8	.5	.2	.4	.2								162	162								
76/ 75		.1	1.1	3.4	3.5	1.0	.7	.8	.3	.3								212	212	14							
74/ 73		.4	1.5	3.3	2.2	1.1	.8	1.0	.3	.1	.1							202	202	89	11						
72/ 71		1.0	2.4	2.2	2.0	1.3	.9	.9	.4	.1	.1							194	194	169	55						
70/ 69	.2	1.0	2.0	2.5	1.4	1.1	.8	.8	.5	.1								190	190	239	145						
68/ 67		.8	2.0	1.0	1.0	1.0	.8	.8	.4	.1								144	144	207	177						
66/ 65	.1	.5	1.2	1.3	.6	.8	.9	.7	.3									119	119	174	217						
64/ 63	.1	.8	1.0	1.2	.8	.4	.6	.5	.2									104	104	162	166						
62/ 61	.1	.8	.4	.6	.5	.8	.4	.2	.2									72	72	149	141						
60/ 59	.2	.3	.4	.9	.6	.4	.6	.1										67	67	131	122						
58/ 57	.1	1.0	.8	.4	.9	.7	.2	.3										78	78	98	96						
56/ 55	.2	.6	.1	.1	.7	.5	.2											43	43	113	96						
54/ 53		.4	.1	.3	.5	.1	.2											30	30	99	94						
52/ 51				.3	.1	.1	.1											10	10	69	88						
50/ 49			.1	.2	.1	.1												7	7	57	66						
48/ 47		.1		.2		.1												7	7	47	53						
46/ 45			.1															1	1	30	49						
44/ 43			.1															1	1	11	55						
42/ 41																				12	54						
40/ 39																				1	45						
38/ 37																				1	41						
36/ 35																					28						
34/ 33																					20						
32/ 31																					7						
30/ 29																					8						
28/ 27																					6						
26/ 25																					8						
TOTAL	.8	7.6	14.4	21.8	20.9	14.9	8.2	6.4	3.3	1.2	.4	.1						1848	1848	1848	1848						
Element (X)	Zx <sup>2</sup>	Zx	X	X <sup>2</sup>	No. Obs.																	Mean No. of Hours with Temperature					
Rel. Hum.	8617514	122680	66.4	16,009	1848	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total															
Dry Bulb	9162403	129389	70.0	7,472	1848			63.9	38.2	6.9		90															
Wet Bulb	7349664	115680	62.6	7,660	1848			34.6	4.8			90															
Dew Point	6316301	106302	57.5	10,442	1848			1.4	18.9	.5		90															

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

APR

STATION

STATION NAME

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
92/ 91																		2	2	
90/ 89									.1									7	7	
88/ 87						.2	.2	.4	.3	.3								27	27	
86/ 85					.1	.7	1.2	1.0	.3	.2	.4	.3	.1					81	81	
84/ 83				.2	.4	1.2	2.5	1.4	.5	.3	.4	.2	.1					133	133	
82/ 81			.4	1.9	2.8	2.3	1.9	.5	.6	.5	.2							223	223	
80/ 79			.1	.5	2.7	3.0	2.4	2.1	1.2	.8	.3	.2						244	244	
78/ 77			.3	1.0	2.4	2.2	1.6	1.4	1.8	.5	.3	.2						215	215	10
76/ 75			.4	1.2	2.0	1.6	2.1	1.1	1.0	1.2	.7	.1						210	210	43
74/ 73		.4	.5	.8	1.1	1.4	1.0	.8	.6	.9	.3							142	142	132
72/ 71	.1	.4	.5	1.4	.3	.6	1.2	1.0	.8	.6								128	128	226
70/ 69		.5	.5	.2	.2	.4	.7	.7	.9	.4	.1							85	85	242
68/ 67	.1	.2	.1	.3	.3	.5	.4	.6	.7	.2								65	65	197
66/ 65	.2	.7	.4	.6	.3	.5	.4	.7	.4	.1								79	79	175
64/ 63	.1	.9	.2	.4	.3	.7	.3	.4	.4									70	70	150
62/ 61		.3	.4	.1	.2	.6	.3	.6	.1									49	49	144
60/ 59		.4	.5		.3	.4	.4	.2										43	43	106
58/ 57		.4	.2	.2	.1	.2	.1	.2										21	21	106
56/ 55		.2		.1	.1		.2	.1										10	10	110
54/ 53		.1	.1				.1	.1										3	3	64
52/ 51			.1	.2	.1													6	6	66
50/ 49			.1	.1	.1													5	5	38
48/ 47																				21
46/ 45																				11
44/ 43																				6
42/ 41																				1
40/ 39																				
38/ 37																				
36/ 35																				
34/ 33																				
32/ 31																				
30/ 29																				
28/ 27																				
26/ 25																				
Element (X)	$\Sigma X^2$	$\Sigma X$		$\bar{X}$	$\sigma_x$	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) REVERSED PERIODIC EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

19934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

APR

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B.-W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	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/ 91																		2	2			
90/ 89									.1									9	9			
88/ 87								.1	.3									32	32			
86/ 85							.7	1.3	.9	1.0								96	96			
84/ 83				.1	.4	1.6	1.9	2.2	.9	.9								151	151			
82/ 81			.4	1.6	2.1	2.8	2.3	1.1	.9	.4								217	217			
80/ 79		.2	.9	1.6	2.8	2.5	2.4	2.1	1.1	.4								262	262			
78/ 77		.2	1.2	2.3	1.9	1.6	1.2	1.7	1.5	.8								238	238	1		
76/ 75	.2	.4	.5	1.1	1.8	1.9	1.6	1.0	1.1	.9								199	199	48	3	
74/ 73	.3	.7	.9	.5	1.0	.9	.6	.7	.7	.3								125	125	127	20	
72/ 71	.1	.4	.5	.6	.1	.4	1.3	.6	1.1	.8	.1							110	110	177	56	
70/ 69	.1	.5	.7	.3	.2	.4	.7	.8	.8	.2								88	88	261	124	
68/ 67	.1	.5	.6	.2	.5	.3	.5	.5	.6	.3								78	78	205	195	
66/ 65	.2	.7	.4	.3	.3	.5	.4	1.0	.9									79	79	183	176	
64/ 63		.8	.4	.1	.2	.3	.2	.6	.5									60	60	165	176	
62/ 61	.2	.2	.3	.1	.1	.4	.2	.3	.1									34	34	155	141	
60/ 59		.4	.1	.2	.1	.1	.2	.1	.1									22	22	133	140	
58/ 57		.3	.1	.1	.1	.1	.1	.1	.1									15	15	96	99	
56/ 55	.1	.3	.1	.1	.3	.1	.1											17	17	107	112	
54/ 53		.2	.1	.2														8	8	64	82	
52/ 51			.1															1	1	48	96	
50/ 49				.2														3	3	37	78	
48/ 47			.1															2	2	21	53	
46/ 45																				5	65	
44/ 43																				7	62	
42/ 41																					77	
40/ 39																					40	
38/ 37																					31	
36/ 35																					27	
34/ 33																					25	
32/ 31																					17	
30/ 29																					6	
28/ 27																					2	
26/ 25																					4	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

19934  
STATION

ENGLAND AFB LOUISIANA/ALEXANDRIA  
STATION NAME

44-45,52-70  
YEARS

APR  
MONTH

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					
24/ 23																						1				
TOTAL	.6	4.9	5.0	6.3	9.4	14.5	16.9	15.5	12.7	7.3	4.5	1.6	.7	.1				1848	1848	1848						
																		1848	1848	1848						
Element (X)	$\Sigma X^2$	$\Sigma X$		$\bar{X}$	$\sigma_x$	No. Obs.											Mean No. of Hours with Temperature						Total			
Rel. Hum.	6045828	100692		54.9	17.403	1848											$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F				
Dry Bulb	10695286	139946		75.7	7.262	1848													78.2	64.8	31.8			90		
Wet Bulb	7738665	118907		64.3	6.893	1848													40.3	9.0				90		
Dew Point	6172333	105057		56.8	10.404	1848													1.5	16.5	1.1			90		

USAFETAC FORM 0-26-5 (01-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 JUL 64

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 52-70

APR  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
88/ 87									.1	.1	.1							1	1						
86/ 85									.1	.1	.2							3	3						
84/ 83					.2	.2	.1	.1		.2								11	11						
82/ 81				.2	.4	.4	.6	.2	.1	.2	.1							42	42						
80/ 79			.2	.6	1.1	1.2	1.0	.3	.3	.1	.1							90	90						
78/ 77		.1	.5	2.2	2.0	1.7	1.1	.6	.3	.4								165	165						
76/ 75		.2	1.4	4.1	3.1	2.1	1.4	.7	.4	.1	.1							248	248	13	1				
74/ 73		.4	2.0	2.4	2.9	1.6	.8	.9	.3	.2								213	213	47	12				
72/ 71	.1	.4	1.6	2.4	2.6	1.6	1.2	.5	.4	.3	.1							203	203	127	40				
70/ 69	.2	.8	1.6	1.7	1.7	1.3	1.0	.9	.6	.1								179	179	213	105				
68/ 67	.2	1.2	1.4	1.6	1.4	1.5	1.1	.6	.3									169	169	204	146				
66/ 65	.2	1.7	.8	1.1	1.4	1.1	.8	.5	.1									141	141	227	173				
64/ 63	.3	.7	.5	1.0	.9	.6	.9	.3	.2									100	100	196	177				
62/ 61	.1	.9	.5	.6	.6	1.2	.4	.1	.1									84	84	165	174				
60/ 59	.1	.5	.3	.4	.9	.7	.6	.1										66	66	138	154				
58/ 57		.4	.3	.4	.5	.9	.3											51	51	121	126				
56/ 55		.1	.2	.2	.4	.2	.1											21	21	102	101				
54/ 53		.5	.3	.1	.4	.2	.1											30	30	89	94				
52/ 51	.1	.1	.3	.2	.2	.2												19	19	75	98				
50/ 49			.1	.3	.1	.1												8	8	43	78				
48/ 47				.1														1	1	48	64				
46/ 45		.2																3	3	19	70				
44/ 43																				16	56				
42/ 41																				3	49				
40/ 39																				1	45				
38/ 37																					29				
36/ 35																					23				
34/ 33																					16				
32/ 31																					9				
30/ 29																					6				
28/ 27																					1				
26/ 25																					1				
TOTAL	1.2	8.1	11.7	19.4	20.6	16.8	11.5	5.9	3.0	1.2	.5	.1	.1					1848	1848	1848					
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature				Total															
Rel. Hum.	8392540	121040	65.5	15.861	1848	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	90													
Dry Bulb	9143722	129352	70.0	6.966	1848			64.5	37.6	5.1		90													
Wet Bulb	7275728	115216	62.3	7.074	1848			29.5	3.0			90													
Dew Point	6209133	105633	57.2	9.624	1848		.0	14.8	.6			90													

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 52-70

APR  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		< 31	Dry Bulb	Wet Bulb
82/ 81				.1													1	1		
80/ 79				.2													3	3		
78/ 77		.1	.8	.3	.2												26	26		
76/ 75		.2	1.2	1.0	.2	.1											48	48	2	
74/ 73		1.3	4.3	2.3	.5	.3											162	162	25	3
72/ 71		1.7	3.6	3.6	1.0	.4	.2										194	194	70	46
70/ 69	.2	2.7	4.2	3.7	.6	.3	.1	.2									222	222	173	91
68/ 67	.3	2.6	3.1	2.4	1.1	.1	.3	.1									223	223	179	161
66/ 65	.2	2.1	2.9	2.3	1.7	.2	.3	.2									182	182	204	163
64/ 63	.3	2.4	2.9	1.6	1.4	.5	.3										173	173	217	178
62/ 61	.4	1.2	1.7	2.2	1.4	.5	.1										140	140	135	193
60/ 59	.1	.9	1.3	1.9	.9	.6	.2										114	114	143	146
58/ 57	.1	.9	1.0	1.5	1.4	.2	.1										96	96	121	113
56/ 55	.1	.8	1.5	1.0	.5	.2											74	74	114	109
54/ 53		.9	1.0	.9	.4	.3											65	65	112	109
52/ 51		.3	1.2	1.0	.4	.1											53	53	101	86
50/ 49	.1	.1	.8	.6	.1												30	30	78	86
48/ 47	.1	.2	.5	.4													22	22	61	73
46/ 45		.3	.3	.2	.1												15	15	44	83
44/ 43		.1	.1	.1													4	4	28	61
42/ 41				.1													1	1	16	53
40/ 39																			2	39
38/ 37																			2	24
36/ 35																			1	13
34/ 33																				9
32/ 31																				6
28/ 27																				2
26/ 25																				1
TOTAL	1.7	16.7	34.7	27.3	11.8	3.9	1.5	.4									1848	1848	1848	1848
Element (X)	Zx'	Zx	λ	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	11299231	142781	77.2	12.037	1848	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≤ 93 F	90								
Dry Bulb	7863220	119832	64.8	7.092	1848			42.8	11.7	.0		90								
Wet Bulb	6846373	111607	60.4	7.577	1848			21.9	1.3			90								
Dew Point	6221996	105884	57.3	9.133	1848		.4	14.7	.1			90								

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

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70 MAY  
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81					.1													1	1		
80/ 79			.1	.3	.1													8	8		
78/ 77		.2	1.0	.5	.4													40	40		
76/ 75		2.1	2.7	1.6	.1	.1												128	128	11	
74/ 73	.2	3.1	4.2	.9	.4													172	172	92	42
72/ 71	.1	5.7	5.0	2.3	.5		.1											264	264	139	116
70/ 69	.1	7.1	7.0	2.7	.2	.1												334	334	270	175
68/ 67	.5	6.3	6.5	1.2	.5													293	293	291	293
66/ 65	.3	4.1	3.8	1.4	.5													198	198	307	264
64/ 63	.8	3.3	3.2	1.1		.2												167	167	241	268
62/ 61	.3	2.2	1.1	.5	.2	.1												84	84	174	215
60/ 59	.2	1.6	1.1	.5	.3													70	70	129	140
58/ 57		1.7	1.3	.4	.1													68	68	67	117
56/ 55	.1	1.3	1.2	.4														57	57	66	82
54/ 53	.2	1.0	.5	.1														33	33	68	71
52/ 51		.3	.4															14	14	47	57
50/ 49		.4	.2	.1														12	12	22	38
48/ 47		.4	.1															9	9	17	31
46/ 45		.1																1	1	11	27
44/ 43																				1	12
42/ 41																					4
40/ 39																					1
TOTAL	2.6	40.8	39.4	13.8	3.1	.4	.1											1953	1953	1953	1953

Element (X)	Σx²	Σx	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F		≤ 93 F
Rel. Hum.	14338251	166645	85.3	7.801	1953							
Dry Bulb	8931286	131560	67.4	5.943	1953			59.0	16.6	.3		93
Wet Bulb	8168684	123774	64.4	5.936	1953			38.2	4.9			93
Dew Point	7765120	122498	62.7	6.468	1953			29.8	2.0			93

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 52-70

MAY  
 MONTH

PAGE 1 0300-0500  
 POURS (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		
80/79			.1															1	1				
78/77		.2	.7															17	17				
76/75		1.9	1.5	.6	.1													81	81	9			
74/75	.2	2.9	3.1	.8														136	136	77	45		
72/71	.3	5.7	2.4	.3	.1													168	168	121	95		
70/69	1.0	8.6	3.8	1.1														281	281	226	177		
68/67	1.3	9.2	4.6	.6	.1													308	308	249	253		
66/65	.9	7.7	3.6	.5														248	248	291	242		
64/63	.8	4.9	3.4	.6														190	190	233	269		
62/61	1.0	4.4	1.6	.1	.1													140	140	187	212		
60/59	.5	3.6	1.5	.4	.2	.1												124	124	157	165		
58/57	.2	1.4	.6	.3	.2													52	52	96	124		
56/55	.1	1.8	.9	.5	.1													66	66	67	96		
54/53	.2	2.3	.4	.3	.1													61	61	63	65		
52/51	.1	1.0	.5	.2														32	32	37	48		
50/49		.7	.1															15	15	42	48		
48/47		.9	.2															20	20	26	34		
46/45		.6																11	11	22	39		
44/43		.1																1	1	9	24		
42/41																					16		
TOTAL	6.4	57.8	28.8	6.0	.8	.1												1952	1952	1952	1952		
Element (X)	Zx <sup>2</sup>	Zx	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total												
Ref. Hum.	15438026	173064	88.7	6.948	1952	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	8470793	127991	65.6	6.344	1952			47.3	11.2			93											
Wet Bulb	7920552	123708	63.4	6.425	1952			32.5	4.1			93											
Dew Point	7616499	121185	62.1	6.905	1952			27.2	2.1			93											

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

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 52-70 MAY  
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800  
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					
86/85					.2	.1												1	1						
84/83					.5													3	3						
82/81			.1	.5	.5													20	20						
80/79		.1	.6	.8	.6	.2					.1							44	44						
78/77		.4	2.5	1.9	.7	.2	.1											109	109	5	1				
76/75		1.7	3.7	2.5	1.1	.2	.2											183	183	42	7				
74/73	.1	3.4	4.6	2.5	.6	.4												225	225	144	67				
72/71	.3	5.1	4.9	1.9	.4	.2	.1											249	249	202	174				
70/69	.5	4.9	4.4	2.1	.4	.1												240	240	286	233				
68/67	.9	5.0	4.3	1.0	.4	.1												229	229	270	266				
66/65	.4	4.5	2.7	.8	.3	.4	.1											176	176	252	257				
64/63	.4	2.7	2.2	.9	.2	.1												126	126	200	223				
62/61	.4	2.6	1.3	.5	.3	.1												98	98	136	165				
60/59	.2	1.6	1.1	.7	.4	.3												81	81	109	139				
58/57	.1	1.3	1.0	.5	.3													60	60	78	98				
56/55		.7	.6	.3	.2		.1											34	34	71	69				
54/53		.7	.6	.2	.2													32	32	44	58				
52/51	.1	.8	.3	.1														24	24	47	55				
50/49		.3	.2															9	9	39	52				
48/47	.1	.2	.1															6	6	16	31				
46/45		.2																3	3	6	17				
44/43		.1																1	1	6	23				
42/41																					11				
40/39																					6				
36/35																					1				
TOTAL	3.2	36.1	34.8	17.0	6.6	2.0	.4				.1							1953	1953	1953	1953				
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.	1287024	163514	83.7	9.624	1953	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F														
Dry Bulb	9249885	133777	68.5	6.653	1953			62.0	27.9	2.0		93													
Wet Bulb	8364364	127188	65.1	6.454	1953			45.2	9.1			93													
Dew Point	7906758	123480	63.2	7.144	1953			35.6	3.6			93													

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

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DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point				
92/ 91								.1	.1									3	3						
90/ 89							.6	.1	.2	.1								21	21						
88/ 87						.3	.8	.8	.6	.3	.1							55	55						
86/ 85					.3	1.9	1.7	1.6	.9	.4	.1							131	131						
84/ 83				.1	2.0	3.9	3.2	1.8	.4	.3								226	226						
82/ 81				1.2	3.3	3.7	2.7	1.7	.7	.1								262	262						
80/ 79		.1	.5	2.2	4.2	3.3	2.3	.8	.7	.1								275	275	1					
78/ 77		.1	1.0	2.8	3.8	2.3	1.2	1.0	.5	.1								249	249	33					
76/ 75		.5	1.5	1.7	2.4	1.6	.8	.8	.4	.2								189	189	160	14				
74/ 73		.3	1.3	2.4	.8	.7	.7	.5	.2	.1								135	135	312	79				
72/ 71		.5	.9	1.1	.9	.6	.8	.5	.4									113	113	340	186				
70/ 69		.8	1.6	.5	.6	.6	.5	.3	.3									101	101	320	271				
68/ 67	.1	.6	.6	.2	.4	.5	.4	.3	.1	.1								58	58	258	294				
66/ 65	.2	.3	.3	.2	.2	.4	.6	.2										43	43	148	278				
64/ 63		.1	.2	.3	.5	.4	.3	.1										37	37	88	204				
62/ 61		.2	.2	.3	.3	.2	.1	.1										22	22	71	135				
60/ 59		.3	.3	.2	.2	.1												18	18	62	97				
58/ 57		.3	.1	.1	.2	.1												11	11	52	84				
56/ 55			.1	.1														3	3	56	65				
54/ 53			.1															1	1	25	58				
52/ 51																				18	39				
50/ 49																				10	44				
48/ 47																					27				
46/ 45																					26				
44/ 43																					23				
42/ 41																					17				
40/ 39																					4				
38/ 37																					5				
36/ 35																					1				
34/ 33																					1				
32/ 31																					1				
TOTAL	.3	3.8	5.4	13.2	19.9	20.7	16.4	10.4	5.2	1.5	.2	.1									1953		1953		
																						1953		1953	
Element (X)	Σx'		Σx		X		x		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.	8331967		124915		64.0		13.166		1952		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb	11790636		151228		77.4		6.421		1953				86.6	73.6	40.4		93								
Wet Bulb	9227151		133773		68.5		5.735		1953				67.8	24.1			93								
Dew Point	8040183		124473		63.7		7.402		1953				0	40.2	4.4		93								

USAFETAC FORM 34 JAN 64 C-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 92-70

MAY  
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																		
96/ 95																																	2	2				
94/ 93																																		8	8			
92/ 91											.1	.7	.5	1.1	1.0	.6	.2																78	78				
90/ 89								.1	.5	2.0	2.2	1.4	1.4	.6	.1																		161	161				
88/ 87							.8	2.9	3.8	3.3	1.4	.6	.2																				254	254				
86/ 85					.2	1.6	4.2	4.2	3.7	1.7	.5																						314	314				
84/ 83				.2	.8	2.8	2.4	3.6	2.6	1.4	.1																						270	270				
82/ 81			.2	.7	1.2	1.8	1.2	2.1	1.4	.5	.2																						180	180				
80/ 79			.3	.5	1.1	1.4	1.6	1.1	1.4	.9	.3																						166	166	5			
78/ 77			.4	.8	1.6	.9	.7	.7	1.0	.8	.2																						134	134	76	2		
76/ 75		.2	.3	.9	.9	.4	.3	.2	1.0	.9	.1																						89	89	215	13		
74/ 73		.3	.9	.8	.8	.3	.2	.4	.5	.3	.1																						87	87	335	71		
72/ 71	.1	.7	.6	.2	.1	.1	.1	.5	.8	.1																							61	61	331	142		
70/ 69	.1	.8	.5	.4	.2	.2	.6	.3	.2	.1																							64	64	329	241		
68/ 67		.6	.2	.1	.2	.1	.3	.2	.2																								37	37	240	278		
66/ 65	.1	.3	.1	.3	.1		.2	.1																									20	20	109	235		
64/ 63	.1	.1		.2			.2																										9	9	82	187		
62/ 61		.1		.1		.1																											5	5	64	203		
60/ 59	.1	.2			.1																												6	6	59	151		
58/ 57	.1	.1	.1		.1																												6	6	54	98		
56/ 55		.1																															2	2	30	81		
54/ 53																																				16	47	
52/ 51																																					39	
50/ 49																																				43		
48/ 47																																				35		
46/ 45																																				35		
44/ 43																																				25		
42/ 41																																				8		
40/ 39																																				10		
38/ 37																																				6		
36/ 35																																				1		
34/ 33																																				1		
32/ 31																																				1		
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																																
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$> 80 F$	$\geq 93 F$	Total																										
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

**13934** **ENGLAND AFB LOUISIANA/ALEXANDRIA** **44-45,52-70**

**MAY**

STATION

STATION NAME

YEARS

MONTH

PAGE 2 **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			
TOTAL	.5	3.4	3.3	4.8	7.3	10.4	15.2	19.9	18.8	10.2	4.4	1.6	.3								1953	1953	1953	1953
Element (X)	$\Sigma x^2$	$\Sigma x$		$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	6230313	106561		54.61	4.561	1953	$\leq 0$ F	$\leq 32$ F	$\leq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	93											
Dry Bulb	13169985	159852		81.8	6.638	1953			90.7	83.0	64.6	.5	93											
Wet Bulb	9484878	135704		69.5	5.232	1953			72.9	30.0	.0		93											
Dew Point	7851902	122974		63.0	7.460	1953			.0	35.6	4.1		93											

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

MAY

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
96/95									.1									2	2	
94/93									.1	.3				.3	.1	.1		17	17	
92/91							.1	.6	.5	.8	1.2	.8	.2	.1				82	82	
90/89						.2	.6	1.4	3.0	2.4	1.5	.8	.1					197	197	
88/87						.4	2.3	2.9	3.0	2.8	.9	.3						247	247	
86/85				.1	.2	1.2	2.4	3.4	3.6	3.0	.9	.1						291	291	
84/83				.1	1.2	2.3	1.9	2.9	1.8	1.4	.4	.1						234	234	
82/81				.2	1.5	1.5	1.6	1.4	1.5	1.1	.4	.1						183	183	
80/79			.1	.7	1.3	1.7	1.1	.7	1.4	.8	.6							164	164	7
78/77	.1		.5	1.2	1.0	.8	.4	.3	.8	1.3	.1							126	126	68
76/75		.1	.9	1.0	.7	.3	.2	.4	.9	.6	.1							99	99	171
74/73		.3	1.3	1.0	.5	.5	.1	.4	.6	.4	.1	.1						102	102	299
72/71		.4	1.1	.6	.4	.2	.2	.5	.4	.3								78	78	356
70/69	.2	.4	.7	.3	.3	.1	.2	.5	.2									56	56	342
68/67	.4	.5	.2	.1	.1	.1	.1	.2	.2									32	32	271
66/65	.1	.2	.4	.1	.1			.1										15	15	132
64/63		.2	.2	.1														8	8	87
62/61		.1	.1	.1	.1	.1												5	5	64
60/59		.1	.1		.1													4	4	64
58/57		.3	.1															7	7	44
56/55		.1	.1															4	4	26
54/53																				18
52/51																				69
50/49																				51
48/47																				32
46/45																				50
44/43																				38
42/41																				16
40/39																				10
38/37																				5
36/35																				10
30/29																				2
TOTAL	.6	3.1	5.6	5.3	7.0	9.3	11.1	15.6	18.0	15.3	6.1	2.6	.4	.1				1953	1953	1953
Elem. it (X)	Zx'	Zx	X	X'	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	6210916	105600	54.1	16,021	1953	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	13189514	159952	81.9	6,765	1953			91.0	83.0	63.9	.9	93								
Wet Bulb	5410109	132252	69.3	5,112	1953			72.1	26.0	.1		93								
Dew Point	7742197	122109	62.8	7,437	1953			31.9	3.0			93								

USAFETAC  
 FORM 16  
 JUL 64  
 U-26.5 (CL.A)  
 REVERSED PREVIOUS EDITIONS BY THE F. AIR AND ORSOLITE

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

MAY

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B. W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	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				
94/ 93																				1	1				
92/ 91																				1	1				
90/ 89									.1	.1	.2	.3	.2	.1						17	17				
88/ 87								.3	.4	.5	.7	.3	.3							48	48				
86/ 85						.2	1.2	1.0	1.1	1.4	.4	.1								105	105				
84/ 83				.1	.8	2.2	1.4	2.2	.7	.2	.1									148	148				
82/ 81				1.0	2.6	2.3	2.1	1.5	.8	.1										202	202				
80/ 79			.4	1.9	3.5	2.9	2.3	1.1	.6	.1						.1				249	249		1		
78/ 77			1.4	2.7	4.0	2.6	1.4	.9	.2	.1										260	260	19			
76/ 75		.3	2.0	3.1	2.7	2.0	.8	.6	.3	.2										238	238	100	3		
74/ 73		.6	1.5	2.2	1.7	1.3	.8	.2	.2	.1										164	164	221	59		
72/ 71		1.2	1.7	1.8	1.2	1.0	.6	.5	.1	.1										158	158	311	158		
70/ 69	.2	1.4	1.8	1.0	.7	.3	.4	.1												126	126	390	226		
68/ 67	.1	1.4	.8	.4	.8	.4	.5	.2												89	89	297	264		
66/ 65	.1	.9	.4	.6	.4	.4	.1	.1												58	58	192	306		
64/ 63		.3	.2	.3	.4	.2	.1	.1												31	31	134	225		
62/ 61	.1	.2	.2	.2	.4	.2	.1													25	25	90	182		
60/ 59	.1	.2	.1	.1	.2	.1														13	13	64	140		
58/ 57		.2	.2	.1	.1	.1														12	12	50	96		
56/ 55		.3	.1																	7	7	41	76		
54/ 53			.1																	1	1	24	68		
52/ 51																						16	37		
50/ 49																						3	24		
48/ 47																							36		
46/ 45																							30		
44/ 43																							9		
42/ 41																							6		
40/ 39																							6		
38/ 37																							2		
TOTAL	.5	6.9	10.7	15.3	19.6	17.7	11.8	9.6	5.5	1.6	.7	.1											1953	1953	1953
Element (X)	Zx²	Zx	$\bar{x}$	$\sigma_x$	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Rel. Hum.	8880732	128693	65.9	14.324	1953																				
Dry Bulb	11441974	148960	76.3	6.419	1953			86.0	68.2	30.9	.0	93													
Wet Bulb	9049013	122549	67.9	3.210	1953			63.8	16.2			93													
Dew Point	7930395	123763	63.4	6.692	1953			33.8	3.0			93													

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 52-70

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B.-W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	>31	Dry Bulb	Wet Bulb	Dew Point
86/85							.1											1	1		
84/83							.1											1	1		
82/81				.4	.1	.1	.1											13	13		
80/79			.5	1.4	.5	.8	.2											66	66		
78/77		.2	2.9	2.0	1.6	.5	.2											145	145		
76/75		1.2	4.1	4.2	2.7	.9	.1											258	258	35 4	
74/73		1.6	6.1	5.0	2.8	.5	.2											318	318	127 57	
72/71	.1	3.2	4.7	3.9	2.2	.3												280	280	195 144	
70/69	.2	3.4	4.2	3.8	1.0	.6												259	259	364 188	
68/67	.4	2.8	3.6	1.7	1.0	.1	.1											188	188	315 302	
66/65	.1	2.5	2.2	1.1	1.0	.4	.1											140	140	287 293	
64/63	.6	.9	1.2	1.0	.4	.2												82	82	202 260	
62/61	.2	.7	1.0	1.0	.4													62	62	119 194	
60/59		.9	.7	.8	.5	.1												58	58	89 144	
58/57	.1	.8	.6	.2	.3													37	37	76 80	
56/55		.4	.6	.3	.1													26	26	64 88	
54/53	.1	.1	.2	.2														9	9	39 74	
52/51		.2	.2															8	8	25 35	
50/49			.1															2	2	16 33	
48/47																				9 29	
46/45																				1 15	
44/43																				10	
42/41																				3	
<b>TOTAL</b>	<b>1.5</b>	<b>18.7</b>	<b>2.9</b>	<b>27.1</b>	<b>14.3</b>	<b>4.5</b>	<b>1.0</b>												<b>1953</b>	<b>1953</b>	<b>1953</b>

Element (X)	Σx <sup>2</sup>	Σx	x̄	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature								
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≤ 93 F	Total		
Rel. Hum.	12425860	154600	79.2	9.809	1953			72.8	38.2	2.0				93
Dry Bulb	9746199	137517	70.4	5.689	1953			49.3	7.7					93
Wet Bulb	8544143	128731	65.9	5.493	1953			33.1	2.9					93
Dew Point	7941148	123938	63.5	6.239	1953									93

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

JUN

PAGE 1 0000-0200  
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
84/ 83			.1	.1	.1													4	4	
82/ 81		.1	.0	1.0	.2		.1											34	34	
80/ 79		1.0	3.4	1.5	.6	.2												126	126	5
78/ 77		3.3	6.6	3.5	.8													268	268	42
76/ 75	.1	7.8	9.7	5.5	.7	.1												415	415	190
74/ 73	.2	8.1	8.1	3.0	.6													378	378	342
72/ 71	.6	6.8	5.6	1.7	.6													289	289	434
70/ 69	.1	3.8	3.2	1.3	.2													161	161	359
68/ 67	.1	1.6	2.2	.6	.1													85	85	210
66/ 65	.1	.8	1.5	.2	.1													50	50	121
64/ 63		.6	.9	.4														37	37	79
62/ 61		.4	.3	.5														22	22	48
60/ 59		.4	.4	.1														16	16	20
58/ 57		.2	.1															5	5	25
56/ 55																				14
54/ 53																				1
52/ 51																				0
TOTAL	1,2	34,9	42,5	17,2	3,9	.3	.1											1890	1890	1890
																		1890		1890

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_X$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13819757	161081	85.2	6.946	1890							
Dry Bulb	10226649	138795	73.4	4.244	1890			83.8	58.3	4.8		90
Wet Bulb	9344257	132655	70.2	4.210	1890			75.3	27.6			90
Dew Point	8950214	129768	68.7	4.619	1890			66.4	17.6			90

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



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

JUN  
MONTH

STATION

STATION NAME

YEARS

PAGE 1 0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
90/89						.2			.1										1	1		
88/87					.3	.7	.3	.1	.1										7	7		
86/85				.4	1.3	1.5	.4	.1											27	27		
84/83			.4	1.4	1.5	.4	.1												80	80		
82/81		.3	1.4	3.9	1.7	.4	.1												146	146		
80/79		1.0	4.6	4.4	1.7	.4	.2												230	230		
78/77	.1	2.8	6.1	3.4	.9	.6													261	261	133	37
76/75	.4	5.9	6.8	3.8	.8	.1	.1												338	338	305	179
74/73	.5	5.8	5.6	2.1	.6														274	274	338	324
72/71	.3	4.6	4.2	1.6	.3	.2	.1												211	211	367	357
70/69	.2	3.4	2.2	1.2	.3	.1	.1												141	141	282	301
68/67	.1	1.5	1.3	.5	.1	.1	.1												69	69	182	259
66/65		.7	1.1	.2	.1	.1													41	41	93	159
64/63		.5	.9	.1	.1														28	28	63	94
62/61		.7	.3	.2															24	24	40	55
60/59		.2	.1	.1															6	6	32	51
58/57		.2	.1																5	5	13	31
56/55		.1																	1	1	9	15
54/53																					3	10
52/51																						6
50/49																						4
TOTAL	1.5	27.6	25.0	23.5	8.9	2.8	.7	.1	.1										1890	1890	1890	1890

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	13155011	156825	83.0	8.678	1890	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	10709047	141945	75.1	5.068	1890			85.0	65.0	18.1		90
Wet Bulb	9616941	124551	71.2	4.492	1890			78.0	38.4	.4		90
Dew Point	9155303	131223	69.4	4.832	1890			69.8	26.1			90

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

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

JUN

PAGE 1 0900-1100  
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		
96/95									.2	.1	.1										5	5		
94/93							.3	.3	.7	.1	.1	.1	.1								30	30		
92/91						.1	1.1	1.7	1.1	.3											80	80		
90/89					.2	1.3	3.8	3.9	1.2	.9	.2										209	209		
88/87					.6	3.5	6.3	3.3	.6	.3	.1	.1									279	279		
86/85				.8	2.9	7.0	6.0	1.7	.9	.2	.1										371	371		
84/83			.2	1.5	4.3	5.5	2.7	1.4	.6	.2											311	311		
82/81			.5	1.9	3.8	2.6	1.5	.7	.2	.1											213	213	14	
80/79			.5	2.1	2.6	1.3	.7	.6	.1												148	148	124	7
78/77		.1	.6	1.3	.8	.4	.4	.4	.1												78	78	351	49
76/75	.3	.3	.9	.8	.3	.6	.4	.3	.2	.1											75	75	488	138
74/73		.4	.6	.4	.3	.2		.1	.2												40	40	378	324
72/71		.4	.3	.2	.2	.2	.1	.1													27	27	229	409
70/69		.2	.2	.3	.1																14	14	149	370
68/67		.1	.1	.1	.1																7	7	61	225
66/65		.1	.2																		4	4	48	126
64/63		.1	.1																		3	3	28	76
62/61																							11	54
60/59																							11	47
58/57																						2	34	
56/55																								8
54/53																								9
52/51																								5
50/49																								5
48/47																								2
46/45																								2
TOTAL	.3	1.6	4.1	9.4	16.2	22.7	23.2	14.4	5.9	1.6	.5	.1	.1								1890	1890	1890	1890
Element (X)	Zx <sup>2</sup>	Zx	X̄	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.	7712875	119077	63.0	10.558	1890	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	13361039	158631	83.9	4.980	1890			89.7	87.4	75.4	1.7	90												
Wet Bulb	10362746	139760	73.9	3.943	1890			85.2	64.5	3.3		90												
Dew Point	9195360	131518	69.6	4.799	1890			72.5	24.7	.1		90												

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

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

JUN

STATION

STATION NAME

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
100/ 99																				6	6	
98/ 97												.1	.3	.3	.2	.2	.2	.1		33	33	
96/ 95											.2	1.4	2.2	1.0	.1	.2				98	98	
94/ 93							.4	1.5	3.9	3.9	1.1	.4	.1							213	213	
92/ 91					.1	.2	1.2	4.3	7.0	3.7	.8	.3	.1							329	329	
90/ 89						.5	2.9	6.9	5.6	2.1	.7	.2	.1							359	359	
88/ 87					.2	1.3	3.1	4.5	2.5	1.4	.5	.1								257	257	
86/ 85				.2	.6	1.8	2.6	3.5	1.2	.7	.3	.1								208	208	
84/ 83			.1	.4	.7	1.5	1.5	.6	.5	.6	.1									114	114	2
82/ 81		.1	.4	.4	1.0	1.0	.4	.4	.7	.2	.1									88	88	29
80/ 79		.1	.2	.7	.7	.3	.2	.4	.4		.2									59	59	127
78/ 77	.1	.2	.4	.3	.3	.2	.3	.2	.1											42	42	416
76/ 75	.1	.1	.5	.3	.2	.1	.2	.1	.1	.1										29	29	479
74/ 73		.4	.3	.1			.1													17	17	375
72/ 71	.1	.6	.1	.1																16	16	212
70/ 69		.3	.2	.1	.1															11	11	112
68/ 67		.2	.1	.1																7	7	59
66/ 65																						45
64/ 63																						17
62/ 61		.1																		2	2	61
60/ 59		.1																		1	1	56
58/ 57																						1
56/ 55																						
54/ 53																						
52/ 51																						6
50/ 49																						1
48/ 47																						5
46/ 45																						2
TOTAL	.2	2.0	2.2	2.8	3.7	6.9	12.8	22.7	23.6	15.4	5.5	1.4	.7	.2	.1					1889	1889	1890
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	5664781	101045	52.5	11.729	1889	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total										
Dry Bulb	14693563	166275	88.0	5.522	1889			89.9	88.2	82.9	16.7	90										
Wet Bulb	10473947	140487	74.4	3.666	1889			86.3	68.0	3.9		90										
Dew Point	8882769	129237	68.4	4.914	1890			66.6	14.4	.1		90										

USAF ETAC FORM 0-26-5 (O.L.A.) JUL 61 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

## PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

YEARS

MONTH  
JUN

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															
102/101													.1	.1	.4	.1	.1								3			3							
100/ 99												.6	1.1	.5	.2												10		10						
98/ 97												.6	1.1	.5	.2			.1								46		46							
96/ 95											.1	1.2	2.7	2.3	.6	.1		.1								134		134							
94/ 93						.2	1.1	3.8	6.0	2.2	.7	.3														269		269							
92/ 91					.3	.7	3.2	5.1	4.0	1.9	.2	.1														290		290							
90/ 89					.6	1.8	3.7	4.3	3.0	1.5	.1	.1														284		284							
88/ 87					.3	.9	2.8	3.4	3.6	1.6	.8	.1														253		253							
86/ 85			.1	.2	.4	1.3	1.6	1.9	1.5	.8	.2															149		149							
84/ 83		.1	.1	.4	1.1	1.6	1.2	.4	.5	.4		.1														110		110	1						
82/ 81		.1	.1	1.1	1.4	.8	.1	.3	.5	.3	.1															89	89	20	1						
80/ 79		.1	.2	1.3	1.0	.2	.2	.2	.2	.2	.2															70	70	115	7						
78/ 77		.3	1.1	.7	.4	.3	.1	.5	.1																	68	68	375	18						
76/ 75		.5	.5	1.0	.1	.1	.1																			42	42	470	64						
74/ 73		.7	.6	.3	.1																					31	31	375	180						
72/ 71	.1	.6	.2	.4																						24	24	242	332						
70/ 69	.1	.1	.1																							4	4	142	382						
68/ 67	.1	.1	.1	.1																						7	7	49	332						
66/ 65		.2	.1																							4	4	43	208						
64/ 63																												22	135						
62/ 61		.2																								3	3	13	70						
60/ 59																														61					
58/ 57																														42					
56/ 55																														31					
54/ 53																														9					
52/ 51																														8					
50/ 49																														5					
48/ 47																														4					
46/ 45																														1					
TOTAL	.2	2.8	3.1	5.4	4.7	5.9	8.8	14.9	20.9	19.6	10.3	2.5	.7	.1	.1												1890	1890	1890						

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

Element (X)	Σx <sup>2</sup>	Σx	x̄	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	5754727	100935	53.4	12.887	1890							
Dry Bulb	14686861	166191	87.9	6.233	1890			89.7	88.0	80.0	22.0	90
Wet Bulb	10409279	140097	74.1	3.603	1890			86.1	65.5	3.0		90
Dew Point	8777173	128463	68.0	4.911	1890			62.7	12.9	.1		90

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1397 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA 44-43,52-70 YEARS JUN MONTH  
 PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99																		1	1		
98/ 97																		1	1		
96/ 95									.1	.2	.2						8	8			
94/ 93								.3	.6	.6	.1						29	29			
92/ 91						.1	.4	1.1	1.6	1.2	.3						91	91			
90/ 89					.1	.4	2.1	3.1	1.6	.5	.3						152	152			
88/ 87				.2	.4	2.0	3.8	2.4	1.1	.6	.1						197	197			
86/ 85				.3	1.9	4.1	3.2	2.1	1.4	.4							252	252			
84/ 83			.2	1.0	3.8	3.9	2.3	1.4	.6		.1						249	249			
82/ 81			.5	2.5	3.6	2.7	1.5	.7	.3								224	224	6	1	
80/ 79		.2	1.2	3.5	3.2	1.7	1.1	.4	.2	.1							218	218	61	4	
78/ 77		.3	2.9	2.2	1.9	1.1	.4	.2	.1								168	168	242	23	
76/ 75	.1	.6	2.5	1.4	.4	.6	.3	.1									112	112	420	83	
74/ 73	.1	1.3	2.0	.4	.3	.3	.3	.1									89	89	441	284	
72/ 71	.2	1.0	.5	.5	.4	.2											52	52	312	392	
70/ 69		.3	.3	.1	.3	.1											20	20	209	367	
68/ 67		.3	.3		.1												12	12	90	269	
66/ 65		.2	.2	.1													8	8	48	155	
64/ 63	.1																1	1	33	133	
62/ 61		.1															1	1	16	60	
60/ 59		.1															2	2	7	53	
58/ 57																				34	
56/ 55																				17	
54/ 53																				8	
52/ 51																				3	
48/ 47																				1	
TOTAL	.3	4.3	10.5	12.1	16.2	17.1	15.5	11.7	7.5	3.6	1.0	.2					1887	1887	1887	1887	
Element (X)	Σ x <sup>2</sup>	Σ x	X	x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	8337945	122913	65.1	13.263	1887	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	12874463	155485	82.4	5.771	1887			89.4	85.4	63.2	1.9	90									
Wet Bulb	10098355	137869	73.1	3.662	1887			84.9	55.8	1.2		90									
Dew Point	8994633	129999	68.9	4.533	1887			67.9	18.8	.1		90									

USAF ETAC FORM 54 JUL 54 0-26.5 (OL A) REV-30 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

JUN  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
88/ 87						.1												2	2	
86/ 85				.2	.8	.3	.1											32	32	
84/ 83			.5	1.9	1.7	1.0	.4											103	103	
82/ 81		.1	.9	4.7	3.9	1.4	.1	.1										209	209	2
80/ 79		.4	4.0	7.3	4.0	1.1	.2											319	319	15
78/ 77		.9	6.8	5.9	3.2	.7	.1											334	334	104
76/ 75		3.1	7.2	5.5	2.1	.6												349	349	276
74/ 73		3.3	4.2	3.2	1.4	.2												233	233	450
72/ 71	.5	2.7	2.3	1.4	.7	.1												147	147	415
70/ 69		1.0	1.1	.8	.2	.1												61	61	294
68/ 67		.6	1.2	.5	.4													51	51	144
66/ 65	.1	.4	.5	.2	.1													24	24	89
64/ 63			.5	.2														13	13	44
62/ 61		.2	.1	.1														6	6	27
60/ 59		.2																4	4	23
58/ 57																				8
56/ 55																				
54/ 53																				
TOTAL	.6	12.9	29.3	31.8	18.5	5.7	1.0	.2										1887	1887	1887
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	11817200	148418	78.7	8.728	1887	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≤ 93 F	90								
Dry Bulb	11100203	144487	76.6	4.422	1887			87.8	75.4	25.0		90								
Wet Bulb	9685148	135004	71.5	3.810	1887			81.1	40.4	.3		90								
Dew Point	9088969	130715	69.3	4.256	1887			70.8	20.5	.1		90								

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

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

JUL

PAGE 1 0000-0200  
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
86/85																		1	1		
84/83				.1	.2	.3												10	10		
82/81			.1	1.5	1.6	.2	.1											67	67		
80/79			1.5	6.9	2.9	.6	.2											237	237		
78/77	.1	6.7	11.8	3.6	.4	.1												442	442	105	26
76/75	.3	13.6	10.6	2.9	.3	.1												541	541	368	217
74/73	.9	10.1	6.0	1.2	.2	.1												362	362	633	527
72/71	.6	6.6	2.9	.7	.1	.1												212	212	460	510
70/69	.2	1.4	.9	.3	.1													56	56	271	369
68/67		.2	.5															13	13	59	191
66/65			.1															2	2	28	64
64/63			.2															3	3	11	20
62/61		.2	.2															6	6	4	8
60/59																				6	9
58/57																				2	6
56/55																					2
54/53																					2
TOTAL	2.2	0.44	1.4	1.4	2.0	.6												1952	1952	1952	1952
Element (X)	Σx²	Σx	Σ	Σx	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	14839468	169686	86.9	6.745	1952	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	11171565	147555	75.6	3.006	1952			92.5	79.1	8.4		93									
Wet Bulb	10314976	141794	72.6	2.773	1952			90.6	32.9			93									
Dew Point	9954091	139261	71.3	3.106	1952			87.7	36.7			93									

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-49,52-70

YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
82/ 81			.2	.2														7	7					
80/ 79		1.0	2.0	.3														65	65					
78/ 77	.1	7.0	6.5	1.4	.3	.1												299	299	44	16			
76/ 75	.9	17.1	8.9	2.3	.3													575	575	282	180			
74/ 73	1.6	16.5	7.0	.9		.1												510	510	546	426			
72/ 71	1.4	10.2	4.5	.8		.1												333	333	536	358			
70/ 69	.9	3.3	1.5	.2	.2													118	118	344	397			
68/ 67		.7	.6	.2														28	28	129	218			
66/ 65	.1	.2	.1															6	6	41	96			
64/ 63			.1															1	1	13	31			
62/ 61			.2															3	3	6	6			
60/ 59		.3	.1															7	7	3	8			
58/ 57		.1																1	1	6	8			
56/ 55																				3	6			
54/ 53																					3			
<b>TOTAL</b>	<b>5.1</b>	<b>56.3</b>	<b>31.4</b>	<b>6.2</b>	<b>.8</b>	<b>.2</b>													<b>1953</b>	<b>1953</b>	<b>1953</b>			

USAFETAC FORM 44 0-26-5 (OL A) REVED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	> 80 F	≤ 93 F	Total
Rel. Hum.	15798409	175243	89.7	6.149	1953							
Dry Bulb	10750126	144794	74.1	2.790	1953			92.1	69.3	1.3		93
Wet Bulb	10108559	140395	71.9	2.863	1953			89.6	41.3			93
Dew Point	9833728	138440	70.9	3.224	1953			85.5	29.6			93

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

JUL  
MONTH

PAGE 1 0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
88/ 87				.4	1.0	.5	.1											4	4						
86/ 85				.4	1.0	.5	.2	.1										40	40						
84/ 83		.1	.5	3.1	1.9	.9	.1											126	126						
82/ 81		.2	2.9	4.0	1.8	.3	.1											179	179	1	1				
80/ 79		1.6	9.3	3.6	1.0	.1	.1											309	309	33	3				
78/ 77	.2	7.0	8.6	2.8	.6	.2	.1											377	377	236	67				
76/ 75	.4	10.6	7.3	1.5	.3	.2												396	396	521	341				
74/ 73	.8	8.4	5.3	.8	.3	.1												306	306	492	559				
72/ 71	.6	3.7	2.4	.6	.2	.1												145	145	364	420				
70/ 69	.2	1.1	1.1	.3	.1													52	52	188	304				
68/ 67	.1	.3	.2	.1														11	11	68	134				
66/ 65			.1	.1														3	3	30	64				
64/ 63			.1															1	1	10	29				
62/ 61		.1	.1															2	2	6	9				
60/ 59		.1	.1															2	2	1	13				
58/ 57																				2	6				
56/ 55																				1	2				
54/ 53																					1				
TOTAL	2.2	32.9	37.8	17.2	7.1	2.3	.5	.1										1953	1953	1953	1953				
Mean* (X)	Σx'		Σx		̄x	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.	14191339		165689		84.8	8.303	1953	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	11595819		150303		77.0	3.820	1953			92.6	82.7	23.2		93											
Wet Bulb	10543371		143371		73.4	3.071	1953			90.6	61.1	.4		93											
Dew Point	10119342		140428		71.9	3.360	1953			87.1	46.2	.0		93											

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

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 52-70

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100  
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																		
100/ 99																																		1				
98/ 97													.1	.1	.1	.1																		5				
96/ 95												.3	.1	.1	.1																			10	10			
94/ 93					.1			.1	.1	.4	.7	.2	.2	.1																				31	31			
92/ 91								.2	1.9	2.8	1.4	.2	.2	.1																				129	129			
90/ 89						.3	2.6	6.9	4.7	.7	.4																							301	301			
88/ 87			.1	.1	2.3	8.8	6.5	1.6	.5	.1																								390	390		1	
86/ 85				1.8	6.7	8.1	2.5	.7	.3	.1																								394	394		1	
84/ 83		.1	.5	3.9	5.3	2.7	1.1	.3	.1	.1																								274	274	2	1	
82/ 81		.1	1.5	2.1	2.0	.7	.5	.1	.1																									156	156	16	1	
80/ 79		.4	1.8	1.7	.9	.2	.1	.1																										102	102	291	12	
78/ 77	.1	.5	1.0	1.2	.5	.1	.2		.1																									70	70	727	111	
76/ 75		1.0	1.1	.4	.2	.1	.1	.1																										55	55	524	420	
74/ 73	.1	.6	.6	.1			.1																											25	25	200	564	
72/ 71	.1	.2	.2	.1																														9	9	114	403	
70/ 69			.1																															1	1	38	247	
68/ 67																																				9	81	
66/ 65																																				8	57	
64/ 63																																					1	26
62/ 61																																				2	11	
60/ 59																																						10
58/ 57																																					5	
56/ 55																																					1	
54/ 53																																					2	
TOTAL	.2	2.7	6.8	12.4	18.1	23.4	19.7	10.7	4.2	1.1	.6	.2																						1953	1953	1953	1953	

USAF ETAC FORM 12-64 0-26-5 (OLA) REVISÉ PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Z <sub>X</sub> '	Z <sub>X</sub>	X	X <sub>z</sub>	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8804618	129416	66.310.827		1953							
Dry Bulb	14289662	166836	85.4	4.389	1953			93.0	92.5	83.4	2.2	93
Wet Bulb	11353263	148819	76.2	2.662	1953			92.5	83.9	5.7		93
Dew Point	10281563	141551	72.5	3.366	1953			87.7	52.9	.2		93

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

JUL

STATION

STATION NAME

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	
104/103													.1	.1	.1			2	2			
102/101													.1	.1	.1			8	8			
100/99											.2	.3	.2	.1				14	14			
98/97										.2	1.0	.8	.5	.1	.1			50	50			
96/95								.4	2.3	4.1	1.6	.5	.3					178	178			
94/93						.1	.4	3.6	3.9	.9	.2		.1					291	291			
92/91				.1	.1	.4	3.5	9.0	5.4	1.9	.5	.1						400	400			
90/89					.2	2.2	6.7	6.0	1.9	.8	.2							352	352			
88/87				.1	.8	3.3	3.8	1.9	.7	.3	.1							206	206			
86/85			.1	.3	1.7	2.1	1.4	.6	.1	.2								146	146		1	
84/83			.1	1.1	.9	.7	.4	.2										65	65	5	1	
82/81		.1	.5	1.2	1.0	.9	.1	.2										69	69	52	2	
80/79		.2	1.1	1.2	.7	.1	.1	.1										66	66	373	12	
78/77		.7	.9	.4	.3			.1										44	44	708	52	
76/75	.1	1.2	.9	.1														45	45	483	268	
74/73	.1	.2	.2	.2														13	13	203	477	
72/71			.1															1	1	87	506	
70/69			.1															1	1	18	311	
68/67	.1																	1	1	12	169	
66/65																				5	77	
64/63																				2	29	
62/61																				1	22	
60/59																					9	
58/57																					11	
56/55																					3	
54/53																					2	
52/51																					1	
<b>TOTAL</b>	.2	2.3	3.8	4.6	5.6	10.2	16.2	21.9	16.5	11.8	4.3	1.6	.7	.9	.1			1952		1952	1952	
																		1952		1952		
Element (X)	Zx'	Zx	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.	6679665	111511	57.112,592	1952	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93											
Dry Bulb	15633267	174388	89.2 5,276	1952			93.0	92.9	86.7	25.9	93											
Wet Bulb	11473174	149570	76.6 2,833	1952			92.6	87.0	8.6		93											
Dew Point	9993242	139494	71.9 3,338	1952			85.7	38.7	.4		93											

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

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

JUL

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																
104/103															.1																	3	3			
102/101															.1																	3	3			
100/99															.2	.4	.6	.2	.3	.1												32	32			
98/97													.1	.5	1.4	1.8	.8	.6	.1													102	102			
96/95													.3	2.2	4.3	2.3	.6	.1	.1													192	192			
94/93									.1	.2	.2	.3	2.7	4.7	4.8	1.5	.5	.2	.1													287	287			
92/91							.1	.2	1.9	5.7	4.6	2.2	.7	.3																		304	304			
90/89						.2	1.1	4.3	2.9	1.9	.7	.1																				218	218			
88/87				.1	.5	1.8	2.9	1.2	.4	.2	.1																					137	137			
86/85			.1	.3	1.9	2.6	1.9	.2	.5	.2	.1																					150	150	1		
84/83			.2	1.1	2.2	1.5	.4	.1	.1	.2	.1																					108	108	6		
82/81		.2	.6	1.8	2.1	.7	.1		.2	.1																						111	111	53	4	
80/79		.4	1.6	1.9	.9	.2	.1		.2																							102	102	276	10	
78/77	.1	.8	1.5	1.1	.3	.1																										76	76	601	47	
76/75	.1	1.9	1.7	.3	.1																											80	80	556	221	
74/73	.1	.7	.8	.1																												33	33	254	442	
72/71	.1	.2	.2	.1																												10	10	129	458	
70/69	.1	.2																														5	5	52	369	
68/67																																		15	205	
66/65																																	6	90		
64/63																																4	44			
62/61																																			30	
60/59																																			15	
58/57																																			11	
56/55																																			6	
54/53																																			1	
TOTAL	.4	4.3	6.7	6.8	8.2	8.2	11.7	13.2	15.3	15.8	7.0	2.8	1.0	.6	.2																	1953	1953	1953		
Element (X)	Σx²		Σx		X		x̄		No. Obs.		Mean No. of Hours with Temperature							Total																		
Rel. Hum.	7122827		114113		58.4		13.271		1953		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																			
Dry Bulb	19361034		172724		88.4		6.609		1953				93.0	92.2	81.2	29.5	93																			
Wet Bulb	11309885		148521		76.0		2.792		1953				92.5	83.2	8.0		93																			
Dew Point	9863871		128609		71.0		3.721		1953				83.6	34.5	.3		93																			

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

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

JUL

PAGE 1 1800-2000  
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	
98/ 97																		4	4			
96/ 95								.2	.3	.3	.2	.1	.1					21	21			
94/ 93							.1	1.0	.9	.7	.2	.1						58	58			
92/ 91						.4	1.2	1.8	1.4	1.0	.3							118	118			
90/ 89					.4	1.0	3.2	2.7	.7	.3	.1							162	162			
88/ 87				.1	1.2	3.9	3.1	1.2	.5	.1		.1						197	197			
86/ 85			.1	.8	4.1	4.6	2.2	.8	.1									247	247			
84/ 83			.4	2.7	4.7	3.1	.7	.3	.1									232	232	2		
82/ 81		.1	1.6	4.9	2.7	1.0	.5	.2										215	215	31		
80/ 79		.4	4.1	3.9	2.0	.5	.1	.1										219	219	149		
78/ 77	.1	2.2	4.6	1.8	1.0	.2	.1											197	197	465		
76/ 75	.1	2.9	3.6	1.2	.3		.1											160	160	370		
74/ 73	.3	1.4	2.0	.1	.1	.1	.1											78	78	377		
72/ 71	.3	.7	.7	.1		.1												35	35	238		
70/ 69	.1	.3	.2			.1												10	10	89		
68/ 67																				19		
66/ 65																				7		
64/ 63																				4		
62/ 61																				2		
60/ 59																				6		
58/ 57																				2		
56/ 55																				6		
54/ 53																				1		
TOTAL	.8	8.0	17.3	15.5	16.5	14.8	11.3	8.2	4.0	2.3	.8	.2	.1					1953	1953	1953		
																		1953	1953			

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

Element (X)	ΣX'	ΣX	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	10065443	137709	70.5	13.492	1953							
Dry Bulb	13513601	162081	83.0	5.652	1953			93.0	90.9	65.2	4.0	93
Wet Bulb	11026653	146641	75.1	2.873	1953			92.4	75.9	4.3		93
Dew Point	10090606	140228	71.8	3.360	1953			87.2	43.3	.2		93

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DATA PROCESSING DIVISION  
USAF ETAC  
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### PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

JUL

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
90/89							.1											1	1		
88/87				.1	.1	.5	.1	.1										15	15		
86/85			.1	.4	1.0	1.1	.3											56	56		
84/83			.5	3.4	2.6	1.0	.3											151	151		
82/81		.1	2.9	6.4	3.8	.5	.3											274	274	4	2
80/79		1.0	8.2	7.0	2.5	.4	.1	.1										376	376	33	9
78/77	.2	4.9	10.0	3.9	1.2	.2	.1											399	399	238	44
76/75	.2	7.6	6.7	2.9	.4	.3												352	352	536	317
74/73	.7	4.6	4.7	.8	.1													216	216	573	539
72/71	.2	2.5	1.1	.3	.1													78	78	336	488
70/69	.1	.4	.5	.2	.1													24	24	167	318
68/67		.1	.2	.1														7	7	34	149
66/65			.1	.1														3	3	20	39
64/63				.1														1	1	6	19
62/61																				4	20
60/59																				2	5
58/57																					2
56/55																					2
TOTAL	1.2	21.4	35.0	25.5	11.9	3.8	1.1	.1										1953	1953	1953	1953
REPERIOD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE																					
0-26-S (DL A)																					
FORM 34																					
USAF/ETAC																					
Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	12254242	159961	81.9	8.746	1953	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	11920087	152411	78.0	3.651	1953			92.8	87.5	33.7		93									
Wet Bulb	10623587	143941	73.7	2.751	1953			91.9	65.9	.9		93									
Dew Point	10111861	140299	71.9	3.097	1953			88.9	43.4	.1		93									

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DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

AUG

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
84/ 83				.1	.1	.1												4	4																
82/ 81			.8	1.1	.3													41	41																
80/ 79		.8	7.0	2.3	.3	.1												204	204	2	1														
78/ 77	.1	6.0	2.3	2.7	.6	.2												426	426	53	17														
76/ 75	.1	14.2	8.6	2.9	.7	.1	.1											521	521	396	170														
74/ 73	.8	2.4	3.6	2.5	.6													428	428	617	545														
72/ 71	.4	4.1	3.9	1.3														189	189	393	526														
70/ 69	.3	1.0	1.7	.8	.1													73	73	239	250														
68/ 67		.4	.5	.2														21	21	146	188														
66/ 65		.2	.7	.2		.1												21	21	42	126														
64/ 63		.2	.4	.1	.1													14	14	23	53														
62/ 61		.3		.1														7	7	26	29														
60/ 59		.1		.1														2	2	11	24														
58/ 57																				3	18														
56/ 55																				4															
54/ 53																					2														
52/ 51																					1														
50/ 49																					1														
48/ 47																					2														
TOTAL	1,539	741.9	14.2	2.6	.5	.1												1953	1953	1953	1953														
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	14740024	169114	86.6	7.017	1953	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	11032732	146631	75.1	3.239	1953			90.9	77.3	5.9		93																							
Wet Bulb	10171766	140794	72.1	3.239	1953			87.7	50.9			93																							
Dew Point	9802018	138158	70.7	3.622	1953			80.8	34.9			93																							

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

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DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934      ENGLAND AFB LOUISIANA/ALEXANDRIA      44-45,52-70      AUG  
STATION      STATION NAME      YEARS      MONTH  
PAGE 1      0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
82/ 81			.1	.2																												6	6				
80/ 79		.8	1.5	.5	.1																											55	55				
78/ 77		6.7	5.0	.7	.2																										245	245	31	11			
76/ 75	.4	18.0	8.4	1.5	.2																										557	557	250	138			
74/ 73	1.5	17.9	5.3	1.7	.3	.2																									524	524	568	471			
72/ 71	.9	7.8	3.5	.9	.1	.1																									259	259	489	328			
70/ 69	.6	3.2	3.1	.7	.1																										151	151	263	294			
68/ 67	.1	2.2	2.3	.1																											89	89	144	186			
66/ 65		.2	.8																												19	19	108	150			
64/ 63		.2	.7																												17	17	42	69			
62/ 61		.4	.3	.1	.1																										17	17	20	42			
60/ 59		.5	.1	.1																											13	13	23	24			
58/ 57		.1																													1	1	9	30			
56/ 55																																		5	3		
54/ 53																																	1	4			
52/ 51																																			2		
48/ 47																																			1		
TOTAL	3.4	57.9	31.1	6.4	1.0	.2																												1953	1953	1953	
																																		1953		1953	

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

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15716505	174775	89.5	6.211	1953							
Dry Bulb	10585357	143629	73.5	3.294	1953			89.8	66.0	2.0		93
Wet Bulb	9943280	139174	71.3	3.620	1953			83.1	40.4			93
Dew Point	9659014	137122	70.2	4.020	1953			77.5	29.5			93

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 52-70

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800  
 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					
90/89						.1															1	1			
88/87					.1																	1	1		
86/85				.3	.4	.1	.1															16	16		
84/83			.3	2.6	1.3	.2	.2															87	87		
82/81		.1	3.1	2.7	1.1	.3	.1															144	144		
80/79		1.5	6.3	3.0	.7	.1	.1															238	238	24	
78/77		7.6	8.2	2.3	.7	.1	.1															371	371	195	53
76/75	1.2	11.8	3.5	2.6	.7	.2																427	427	447	328
74/73	.6	8.9	4.9	1.7	.4																	322	322	479	506
72/71	.4	2.8	2.3	.8	.3	.1																150	150	391	398
70/69	.2	2.6	1.2	.8	.2																	94	94	216	226
68/67	.1	1.4	1.2	.1	.1																	56	56	115	188
66/65		.4	.6	.1																		19	19	68	110
64/63		.3	.2	.2																		12	12	36	52
62/61		.3	.1	.1																		7	7	21	47
60/59		.2	.1																			6	6	12	18
58/57		.1																				2	2	6	14
56/55																									8
54/53																									4
52/51																									1
TOTAL	2.5	58.9	34.5	16.9	5.7	1.1	.3															1953	1953	1953	
Element (X)	Z <sub>x</sub> <sup>2</sup>	Z <sub>x</sub>	X	X <sup>2</sup>	No. Obs.	Mean No. of Hours with Temperature						Total													
Ref. Hum.	14493738	167488	85.8	8,162	1953	≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb	11259634	148058	75.8	4,251	1953			90.8	76.5	17.4		93													
Wet Bulb	10304956	141670	72.5	3,804	1953			86.0	54.5	.2		93													
Dew Point	9913000	138904	71.1	4,153	1953			80.9	42.2			93													

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

19934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 52-70

AUG

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
100/ 99											.1							1	1					
98/ 97											.1							1	1					
95/ 95										.1	.3							8	8					
94/ 93									.1	.3	.9	.2	.1	.2	.1			35	35					
92/ 91						.2	2.0	2.5	1.2	.3	.2							124	124					
90/ 89				.1	.2	3.4	5.7	2.9	1.3	.2	.1							268	268					
88/ 87				.1	2.1	9.1	4.7	1.6	.6	.2	.2							364	364					
86/ 85			.1	1.4	7.5	5.6	2.6	1.2	.3	.2	.2							369	368					
84/ 83			.3	1.6	4.0	4.4	2.7	1.1	.5	.2	.1							264	264	1				
82/ 81		.3	1.9	2.9	2.7	1.3	.7	.3	.2	.1								197	197	27	2			
80/ 79	.1	.4	2.3	1.9	1.3	.8	.4	.3	.1									146	146	304	14			
78/ 77	.2	.5	1.0	1.0	.8	.2	.7	.1										88	88	693	127			
76/ 75	.2	.9	.9	.6	.2	.2	.2											60	60	390	440			
74/ 73		.4	.1	.2	.1	.1	.1											18	18	259	503			
72/ 71		.1	.2	.1	.1	.1												8	8	147	355			
70/ 69		.1	.1															2	2	67	197			
68/ 67		.1																1	1	31	123			
66/ 65																				24	86			
64/ 63																				9	32			
62/ 61																				1	30			
60/ 59																					25			
58/ 57																					15			
56/ 55																					3			
54/ 53																					1			
TOTAL	.4	2.6	7.1	12.2	19.4	23.6	18.1	9.6	4.8	1.6	.6	.2	.1					1953	1953	1953	1953			
Element (X)	Zx <sup>2</sup>	Zx	X	X <sup>2</sup>	No. Obs.	Mean No. of Hours with Temperature					Total													
Rel. Hum.	8826401	129473	66.3	11,158	1953	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F													
Dry Bulb	14158232	166058	85.0	4,458	1953			93.0	92.5	81.4	2.1		93											
Wet Bulb	11252774	148116	75.8	3,170	1953			91.4	79.7	5.4			93											
Dew Point	10181626	140788	72.1	4,079	1953			83.9	51.7	.2			93											

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

AUG

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
104/103														.1			1	1	
102/101													.2	.1			5	5	
100/99										.2	.3	.2	.1			15	15		
98/97								.2	.3	1.2	.3	.2	.2	.1		60	60		
96/95							.6	2.0	3.3	1.6	.6	.2	.2			168	168		
94/93						.6	3.4	5.8	3.3	1.3	.2	.2				287	287		
92/91					.6	4.5	8.0	4.4	1.8	.9	.3	.1				404	404		
90/89				.1	1.4	5.7	4.7	3.2	1.4	.4	.3	.1				338	338		
88/87			.1	.5	3.3	4.0	1.6	1.0	.3	.1						224	224		
86/85			.2	1.6	2.0	1.2	.7	.6	.4							131	131		
84/83		.1	.9	1.0	1.1	.5	.4	.6	.2							92	92	1	
82/81		1.2	1.0	.6	.5	.1	.4	.4	.1							83	83	5	
80/79	.3	1.2	.6	.8	.1	.1	.1	.2								65	65	5	
78/77	.5	1.4	.5	.2	.1											51	51	54	
76/75	.1	.6	.1													15	15	402	
74/73		.2	.1													4	4	250	
72/71	.1	.4														9	9	124	
70/69		.1														1	1	48	
68/67																		34	
66/65																		11	
64/63																		3	
62/61																			
60/59																			
58/57																			
56/55																			
54/53																			
52/51																			
TOTAL	.2	2.0	3.9	3.4	4.8	9.0	16.7	19.8	18.8	11.5	5.7	2.2	1.2	.5	.3			1953	1953
																		1953	1953

USAFETAC FORM 44 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	6390598	108882	55.8	12.809	1953	$\geq 0 F$	$< 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Dry Bulb	15658614	174590	89.4	3.111	1953			93.0	92.5	88.1	25.5	93
Wet Bulb	11358019	148823	76.2	2.983	1953			92.2	82.5	8.0		93
Dew Point	9806888	138126	70.7	4.407	1953			79.1	37.5	.1		93

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45,52-70

YEARS

AUG  
 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				
106/105																					1	1			
104/103														.1	.1						2	2			
102/101												.1	.1								2	2			
100/99											.1	.3	.4	.4	.3	.1					28	28			
98/97											1.0	1.4	1.0	.5	.5	.2					89	89			
96/95								.1	2.2	4.2	2.4	.8	.3								196	196			
94/93							.3	2.5	6.7	3.6	1.4	.6	.2								297	297			
92/91						.2	2.3	5.2	3.6	2.4	.9	.4	.3								297	297			
90/89					.1	1.6	3.2	2.9	1.9	1.7	.3	.3	.1								236	236			
88/87				.1	.6	2.0	2.6	1.4	1.0	.6	.1										160	160			
86/85			.2	.2	1.9	1.8	1.0	.7	.4	.6	.2										135	135			
84/83			.4	1.4	1.8	1.6	1.0	.3	.6	.2											138	138			
82/81		.1	1.1	2.4	1.7	.7	.2	.3	.1	.1											127	127	33	1	
80/79	.1	.6	1.8	.9	.6	.2	.1	.2	.1	.1											87	87	287	7	
78/77	.1	.8	1.8	.6	.2																66	66	605	62	
76/75		1.7	.7	.3	.2																57	57	474	215	
74/73	.1	1.0	.3																		27	27	291	407	
72/71		.1																			2	2	150	437	
70/69		.1	.2																		5	5	62	255	
68/67	.1																				1	1	37	211	
66/65																							11	130	
64/63																							3	60	
62/61																								51	
60/59																								36	
58/57																								30	
56/55																								15	
54/53																								3	
52/51																								3	
TOTAL	.2	4.3	6.4	5.8	7.0	8.0	10.6	13.4	16.4	14.5	6.9	3.6	1.8	.8	.3								1953	1953	1953
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.	6838172	111462	97.1	15.628	1953	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb	15408308	173046	88.6	6.228	1953			93.0	92.6	83.8	29.3	93													
Wet Bulb	11228089	147967	75.8	2.996	1953			92.3	80.5	6.5		93													
Dew Point	9703981	137381	70.3	4.533	1953			77.4	39.0	.2		93													

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 44-45, 52-70

AUG  
 MONTH

PAGE 1 1800-2000  
 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
98/ 97																		1	1	
96/ 95												.1	.3	.1	.2	.2		14	14	
94/ 93												.9	.4	.3	.2			41	41	
92/ 91											.1	.8	1.3	1.0	.6	.2	.1	78	78	
90/ 89											.8	2.2	2.2	1.2	.9	.1	.1	137	137	
88/ 87							.7	3.4	3.4	1.7	.6	.2	.1				199	199		
86/ 85				.9	3.4	3.8	3.0	.9	.4	.1	.1						247	247		
84/ 83			.3	2.8	4.8	2.9	1.1	.5	.2	.2							246	246		
82/ 81			1.9	4.5	3.9	1.8	.7	.2	.2	.1							260	260	3	
80/ 79		.4	3.9	4.5	2.3	.8	.4	.2	.1								244	244	116 4	
78/ 77		2.0	4.9	2.3	1.1	.2	.3		.1								212	212	405 55	
76/ 75	.1	3.8	2.6	1.3	.3	.4	.1										166	166	557 254	
74/ 73	.1	1.8	1.2	.7	.2	.2		.1									83	83	443 510	
72/ 71		.5	.2	.1	.1	.1	.1										19	19	259 426	
70/ 69			.2	.1		.1											5	5	93 295	
68/ 67			.1														1	1	36 191	
66/ 65																			28 89	
64/ 63																			7 48	
62/ 61																			3 40	
60/ 59																			2 11	
58/ 57																			12	
56/ 55																			8	
54/ 53																			6	
52/ 51																			4	
TOTAL	.1	8.6	15.2	17.1	16.9	14.4	12.0	7.3	4.6	2.2	1.0	.4	.2	.1			1953	1953	1953 1953	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	9906905	136463	69.9	13.795	1953	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	13355829	161179	82.5	3.254	1953			93.0	91.8	64.7	2.7	93
Wet Bulb	10854039	145475	74.5	3.028	1953			91.1	72.6	2.0		93
Dew Point	9891801	138773	71.1	3.991	1953			82.6	39.2			93

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



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DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70

SEP  
MONTH

STATION

STATION NAME

YEARS

PAGE 1 0000-0200  
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	21-24	23-24	25-26	27-28	29-30	*31		Dry Bulb	Wet Bulb	Dew Point
84/ 83							.1											2	2		
82/ 81			.2															4	4		
80/ 79		.2	1.2	.5	.2		.1											43	43		
78/ 77		3.8	3.6	1.3	.2	.2	.1											179	179	15	5
76/ 75	.4	7.8	5.7	1.4	.4	.1	.2											315	315	152	81
74/ 73	.3	10.1	7.7	1.2	.4		.1											390	390	263	215
72/ 71	.3	7.1	4.6	1.3	.4		.2											274	274	366	298
70/ 69	.4	3.8	3.1	1.5	.3	.1	.1											183	163	302	327
68/ 67	.2	2.7	2.9	1.2	.4	.4	.1											154	154	210	235
66/ 65		1.8	2.3	1.0	.4	.3												114	114	129	155
64/ 63	.1	1.3	1.8	.7	.5	.1												88	88	127	129
62/ 61	.2	2.0	1.3	.7	.4													88	88	91	108
60/ 59		1.4	1.4	.4	.1	.1												66	66	105	92
58/ 57		1.2	.9	.2	.1													48	48	83	85
56/ 55		.5	.2	.1														16	16	80	74
54/ 53	.1	.1	.1															3	3	31	74
52/ 51		.2																3	3	6	42
50/ 49		.1	.1															3	3	8	31
48/ 47			.1															2	2	3	14
46/ 45		.1																2	2	1	4
44/ 43																					2
42/ 41			.1															1	1		6
40/ 39		.1																2	2		
38/ 37																				3	
36/ 35																					2
34/ 33																					1
TOTAL	1.9	4.4	3.7	2.1	1.3	3.5	1.1	.8										1980	1980	1980	1980
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	14676651	169593	85.7	8.720	1980	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	9932734	139760	70.6	5.847	1980			70.2	42.4	1.0		90									
Wet Bulb	9121152	133824	67.6	6.208	1980			59.5	19.6			90									
Dew Point	8715080	120630	66.0	6.993	1980			52.8	13.7			90									

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

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DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-43, 52-70

SEP

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point				
88/ 87						.1												1	1					
82/ 81			.1															2	2					
80/ 79		.3	.4		.1													13	13					
78/ 77		1.7	1.5	.4		.1												70	70	12 3				
76/ 75	.5	6.8	3.5	1.0	.1	.1												236	236	80 61				
74/ 73	1.0	10.9	3.8	.8	.2													330	330	218 181				
72/ 71	.9	10.9	3.8	.7	.2													326	326	350 258				
70/ 69	.8	7.6	2.7	.5	.2	.1												254	254	309 326				
68/ 67	.4	4.0	2.7	.6	.2	.1												156	156	228 242				
66/ 65	.1	3.6	1.9	.3	.4	.1												126	126	158 174				
64/ 63		2.9	1.8	.3	.4	.1												108	108	107 135				
62/ 61	.2	1.8	1.7	.7	.3													91	91	111 107				
60/ 59	.1	2.9	1.2	.5	.2													96	96	91 93				
58/ 57	.1	2.2	1.1	.9	.1													73	73	103 85				
56/ 55	.1	1.6	.6		.2													47	47	101 92				
54/ 53	.1	1.2	.4															32	32	49 82				
52/ 51	.1	.1	.2															5	5	39 66				
50/ 49			.1															2	2	7 32				
48/ 47		.1																2	2	9 19				
46/ 45		.2	.1															6	6	1 7				
44/ 43		.1																1	1	4 5				
42/ 41																				2 4				
40/ 39																				5				
38/ 37		.2																3	3					
36/ 35																				3				
34/ 33																				3				
TOTAL	4.0	58.9	28.4	5.9	2.3	.5												1980	1980	1980 1980				

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

Element (X)	Σx <sup>2</sup>	Σx	X̄	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15588713	175033	88.4	7.646	1980							
Dry Bulb	9438364	136122	68.7	6.365	1980			63.1	29.6	.3		90
Wet Bulb	8822656	131308	66.4	6.673	1980			54.5	14.1			90
Dew Point	8499520	128920	65.1	7.297	1980			48.7	11.1			90



DATA PROCESSING DIVISION  
USAF ETAC  
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PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70

SEP  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
94/ 93								.1	.2	.1	.2		.1																				9	9			
92/ 91							.1	.5	.2	.4	.3	.1																					41	41			
90/ 89					.1	1.1	1.7	1.1	1.2	.5	.1	.2																					115	115			
88/ 87				.1	1.0	2.8	2.7	1.3	.9	.3	.4	.2	.1			.1																	191	191			
86/ 85				.3	3.5	3.7	2.1	1.4	.4	.3	.5	.2	.1																				246	246			
84/ 83			.3	2.5	4.4	2.4	1.7	.5	.9	.2	.2																						257	257			
82/ 81			.4	2.8	2.4	2.0	1.0	1.1	.5	.4	.2	.1																					222	222	7		
80/ 79		.3	3.3	2.3	1.9	1.5	1.0	.5	.5	.4	.1	.1																					215	215	98	4	
78/ 77		.8	1.7	2.3	1.1	1.0	.9	.7	.4	.3	.1																						181	181	310	50	
76/ 75		.7	1.8	1.8	1.4	.6	1.0	.5	.2	.1																							160	160	337	203	
74/ 73		.3	1.1	1.1	.9	.6	.6	.5	.2																								107	107	289	278	
72/ 71	.1	.6	1.4	.5	.5	.5	.4	.3																									84	84	237	282	
70/ 69	.2	.8	.6	.8	.6	.3	.3	.1																									69	69	167	253	
68/ 67	.1	.1	.4	.7	.4	.2	.2	.1																									39	39	170	198	
66/ 65		.1	.3	.2	.1	.2																											18	18	103	160	
64/ 63		.2	.2	.1	.2			.1	.1																								15	15	95	92	
62/ 61		.1	.1					.1																									5	5	77	84	
60/ 59	.1						.1	.1																									3	3	49	91	
58/ 57							.1																										1	1	24	89	
56/ 55			.1		.1																												2	2	9	54	
54/ 53																																				1	40
52/ 51																																				3	32
50/ 49																																				2	50
48/ 47																																			2	18	
46/ 45																																					8
44/ 43																																					7
42/ 41																																					3
40/ 39																																					2
38/ 37																																					1
36/ 35																																					1
TOTAL	.4	4.1	10.9	15.4	18.5	17.1	14.2	8.6	5.4	2.8	1.8	.7	.2	.1																				1980	1980	1980	1980

Element (X)	Σx'	Σx	$\bar{x}$	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	- 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8909682	129792	65.6	14.249	1980			88.0	79.3	54.3	.4	90
Dry Bulb	12931431	159519	80.6	6.348	1980			73.4	47.3	1.3		90
Wet Bulb	10216909	141793	71.6	5.617	1980			57.6	24.3	.0		90
Dew Point	9064241	133167	67.3	7.385	1980							90

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1994 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70

SEP  
 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	
100/ 99																		1	1			
98/ 97																		17	17			
96/ 95																		68	68			
94/ 93																		117	117			
92/ 91																		260	260			
90/ 89																		294	294			
88/ 87																		232	232			
86/ 85																		250	250	1	1	
84/ 83																		169	169			
82/ 81																		133	133	15		
80/ 79																		103	103	117	5	
78/ 77																		106	106	306	25	
76/ 75																		84	84	387	102	
74/ 73																		45	45	304	241	
72/ 71																		34	34	255	270	
70/ 69																		38	38	194	315	
68/ 67																		7	7	113	217	
66/ 65																		12	12	111	165	
64/ 63																		6	6	78	110	
62/ 61																				61	100	
60/ 59																				14	97	
58/ 57																				13	91	
56/ 55																				1	58	
54/ 53																				1	51	
52/ 51																				4	30	
50/ 49																				1	34	
48/ 47																					21	
46/ 45																					22	
44/ 43																					10	
42/ 39																					5	
38/ 37																					6	
TOTAL	.5	2.8	4.6	6.4	6.2	9.0	14.9	17.4	14.8	9.4	6.1	3.7	2.2	1.5	.4	.2	.1			1976		1976
Element (X)	Σx <sup>2</sup>		Σx		Σ	Σx	No. Obs.					Mean No. of Hours with Temperature										
Rel. Hum.	6459622		108548		54.9	15.859	1976					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	14492583		168729		85.4	6.558	1976							89.2	85.6	73.1	9.2	90				
Wet Bulb	10418667		143135		72.4	3.053	1976							77.1	51.5	1.8		90				
Dew Point	8754275		130675		66.1	7.590	1976							53.6	17.0	.2		90				

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

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DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70

SEP  
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
100/ 99														.1			.1	2	2		
98/ 97													.2	.2	.4	.2	.4	25	25		
96/ 95												.3	.7	.8	.4	.2	.1	59	59		
94/ 93								.1	.1	.5	1.4	1.7	.8	.6	.3	.2	.1	123	123		
92/ 91								.3	.3	2.5	2.6	2.6	1.3	.7	.7	.4	.2	222	222		
90/ 89								.5	1.9	2.4	3.1	1.2	1.0	.7	.4	.3		228	228		
88/ 87				.1	.2	1.1	3.0	2.8	2.1	1.1	.8	.3	.2	.1	.1			233	233		
86/ 85					1.7	1.8	2.2	2.1	2.2	1.1	.8	.3	.2	.1				234	234		
84/ 83			.1	.7	.9	1.7	1.5	1.0	.7	1.0	.4	.4	.2	.1				172	172	1	
82/ 81			.7	1.5	1.6	1.2	.7	.6	1.1	.8	.3	.2	.1					166	166	6	
80/ 79		.2	1.3	1.6	1.2	.7	.5	.6	.8	.4	.1	.1						146	146	53	
78/ 77		.5	1.5	1.3	.7	.3	.5	.6	.3	.2	.1							115	115	258	
76/ 75	.1	1.3	1.8	.6	.1	.3	.3	.2	.3	.1								97	97	388	
74/ 73	.1	1.1	.5	.2	.2	.2	.1	.2	.2									52	52	345	
72/ 71	.2	.8	.6	.1	.6	.2												47	47	303	
70/ 69		.3	.3	.3	.2		.1	.1	.2									26	26	194	
68/ 67	.1	.1	.2	.3	.2	.1												17	17	129	
66/ 65		.1	.2	.1				.1										9	9	123	
64/ 63	.1	.2	.1					.1										7	7	93	
62/ 61			.1															1	1	48	
60/ 59																				19	
58/ 57																				11	
56/ 55																					
54/ 53																				3	
52/ 51																				3	
50/ 49																					
48/ 47																					
46/ 45																					
44/ 43																					
42/ 41																					
40/ 39																					
38/ 37																					
36/ 35																					
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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



DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL HOURS (L. S. 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		Dry Bulb	Wet Bulb	Dew Point
94/ 93																		3	3		
92/ 91																		6	6		
90/ 89							.3	.5	.1	.2	.1										
88/ 87							.8	.4	.6	.7	.3	.2									
86/ 85			.1	.1	1.0	1.8	1.4	.8	.4	.2	.2				.1	.1		50	50		
84/ 83			.1	1.1	2.7	2.5	1.1	.9	.6	.4	.1	.1						57	57		
82/ 81			.7	2.2	2.6	2.2	1.1	.9	.6	.4	.1	.1						114	114		
80/ 79		.3	2.8	3.7	2.6	2.1	1.0	.8	.4	.2	.1	.1						188	188		
78/ 77	.1	1.6	4.1	3.2	2.0	.9	1.0	.3	.5	.2	.1	.1						203	203		
76/ 75	.3	3.1	4.4	2.9	1.2	1.1	1.0	.5	.1	.2								272	272	17	
74/ 73	.2	2.3	2.3	1.4	.8	.9	.7	.3	.1	.2								274	274	126	
72/ 71	.1	1.1	1.8	1.2	.7	.8	.1	.1	.2	.1								291	291	115	
70/ 69		.7	1.1	1.4	.6	.7	.3	.1										177	177	382	
68/ 67	.2	.9	.6	1.0	.5	.2	.1	.1										111	111	338	
66/ 65	.1	.1	.6	.5	.1	.1	.1	.1										94	94	241	
64/ 63	.1	.2	.5	.3	.2	.1	.1	.1										59	59	161	
62/ 61			.4	.2	.1		.1	.1										33	33	139	
60/ 59			.1	.2	.1													25	25	105	
58/ 57						.1												13	13	91	
56/ 55			.1	.1														2	2	47	
54/ 53					.1													2	2	26	
52/ 51			.1		.1													1	1	11	
50/ 49																		2	2	5	
48/ 47			.1	.1														2	2	3	
46/ 45																		2	2	2	
44/ 43																				12	
42/ 41																				3	
40/ 39																				4	
38/ 37																				5	
TOTAL	.9	9.9	19.6	19.2	15.1	14.2	8.7	5.8	3.5	1.9	.8	.2	.2	.1				1979	1979	1979	
Element (X)	Zx'	Zx	X	X	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	10347951	140023	70.8	14.902	1979	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	11999812	153650	77.6	5.965	1979			86.4	74.4	34.6	.1	90									
Wet Bulb	9849624	139236	70.4	5.197	1979			70.4	36.7	.2		90									
Dew Point	8899481	132023	66.7	6.818	1979			54.7	18.3	.0		90									

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

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DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70

SEP  
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				
86/ 85				.2	.2	.1		.2										3	3						
84/ 83																		8	8						
82/ 81			.5	1.7	.3	.3	.2	.1										59	59						
80/ 79		.5	3.3	2.3	1.1	.4	.3	.1										156	156	1					
78/ 77		2.2	6.3	3.7	1.4	.5	.2	.2										287	287	40	4				
76/ 75	.4	6.0	6.8	4.1	1.0	.6	.3											381	381	204	95				
74/ 73	.4	6.1	5.5	2.1	1.4	.6	.1	.1										320	320	326	258				
72/ 71	.3	2.8	4.0	2.0	.8	.4	.3	.1										211	211	359	315				
70/ 69	.3	1.6	3.6	1.7	.8	.4	.3	.1										170	170	277	290				
68/ 67	.1	.9	2.5	1.1	1.0	.3	.2											121	121	176	225				
66/ 65	.2	1.1	1.8	1.2	.6	.2												100	100	172	171				
64/ 63		.8	1.1	1.0	.3	.2	.1											67	67	104	134				
62/ 61		.7	1.0	.4	.1	.1												44	44	98	111				
60/ 59		.6	.7	.3	.1	.1												33	33	90	99				
58/ 57		.1	.1	.2														6	6	67	81				
56/ 55			.2															3	3	35	65				
54/ 53			.1															1	1	13	42				
52/ 51		.1	.1															3	3	7	36				
50/ 49		.1	.1	.1														3	3	3	21				
48/ 47			.1	.1														3	3	2	15				
46/ 45																				3	5				
44/ 43			.1															1	1	2	2				
42/ 41																				1	4				
40/ 39																					1				
38/ 37																					2				
TOTAL	1.723	2.237	7.219	8.9	4.1	1.9	.6											1980	1980	1980	1980				
Element (X)	Z <sub>X</sub> '	Z <sub>X</sub>	X	σ <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.	13200303	160319	81.0	10.544	1980	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb	10374236	144294	72.9	5.446	1980			78.0	35.2	6.6		90													
Wet Bulb	9402483	135969	68.7	5.743	1980			62.9	26.0			90													
Dew Point	8842487	131633	66.5	6.784	1980			54.0	16.2			90													

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

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DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-49, 52-70

0GT  
MONTH

PAGE 1 0000-0200  
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	
78/ 77		.0	.4	.0														11	11			
76/ 75		1.4	1.0			.0												50	50	2		
74/ 73		2.6	1.1	.0	.0													78	78	44		
72/ 71	.5	2.4	.8	.3	.1													86	86	98		
70/ 69	.2	3.3	2.0	.7	.1													131	131	80		
68/ 67	.4	3.7	3.2	.7	.2	.0												169	169	96		
66/ 65	.3	3.7	3.0	1.1	.2	.1												172	172	151		
64/ 63	.1	4.3	2.3	1.2	.2	.1												167	168	167		
62/ 61	.2	3.6	3.1	.6	.4	.2												170	170	153		
60/ 59	.1	2.0	2.2	.8	.1	.2	.0											111	112	164		
58/ 57	.3	3.4	2.2	1.2	.2	.1												152	153	116		
56/ 55	.1	2.3	2.0	.9	.3	.1												116	116	142		
54/ 53	.0	2.5	2.4	1.1	.3													130	130	119		
52/ 51	.0	2.4	2.0	.4	.2													105	105	122		
50/ 49	.0	2.6	1.5	.9	.2													107	107	137		
48/ 47	.2	2.3	1.4	.3		.0												85	85	123		
46/ 45	.1	2.1	1.0			.0												66	66	99		
44/ 43		1.5	1.2	.0		.0												56	56	81		
42/ 41	.0	1.0	.6	.1														37	37	58		
40/ 39	.0	.7	.4	.0														24	24	38		
38/ 37		.4	.2	.0														14	14	27		
36/ 35	.1	.0	.0															4	4	20		
34/ 33		.0																1	1	2		
32/ 31																				3		
30/ 29																				8		
28/ 27																				2		
26/ 25																				1		
24/ 23																				1		
22/ 21																				2		
20/ 19																				1		
18/ 17																				1		
TOTAL	2.9	48.5	33.9	10.7	2.7	1.1	.0											2042	2042	2042		

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

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	14667091	171845	84.2	10.022	2042	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	> 80 F	> 93 F	Total
Dry Bulb	7406192	121636	59.5	9.155	2042			23.9	6.3			93
Wet Bulb	6742424	115774	56.7	9.344	2042			14.6	2.1			93
Dew Point	6298581	111429	54.6	10.346	2042		1.1	12.7	1.1			93

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DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70

DCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
78/77		.1	.3															8	8		
76/75		.8	.2							.0								22	22	5	3
74/73		2.5	.4															61	61	28	19
72/71	.5	3.2	.3		.1	.0												85	85	91	80
70/69	.5	3.5	.8		.3													106	106	80	74
68/67	.7	4.0	1.0		.3	.2												127	127	97	94
66/65	.9	3.4	1.6		.9	.1		.1										127	127	112	95
64/63	.3	4.8	1.6		.4	.1		.0										150	150	112	92
62/61	.9	4.7	1.6		.3	.1		.2										153	153	147	141
60/59	.4	4.4	1.5		.3			.0										138	138	151	132
58/57	.6	3.8	2.4		.9	.2		.1										158	156	139	132
56/55	.5	3.3	1.0		.5	.1		.2										119	119	144	130
54/53	.3	3.8	2.0		.3	.5												140	140	118	123
52/51	.1	3.4	1.9		.4	.1												120	120	132	117
50/49	.1	3.4	1.2		.5	.0												107	107	107	106
48/47		3.7	1.1		.5	.1												110	110	134	119
46/45	.3	2.8	.7		.2													83	83	122	118
44/43	.2	2.4	1.2					.0										79	79	86	103
42/41	.2	2.1	.6															60	60	89	76
40/39	.1	1.5	.3			.0												41	41	68	85
38/37	.3	1.0	.2		.0	.0												32	32	43	83
36/35	.1	.4	.0															11	11	21	65
34/33	.1	.2	.1															10	10	17	21
32/31		.0																1	1	7	17
30/29																					14
28/27																					1
26/25																					2
24/23																					1
18/17																					2
16/15																					1
TOTAL	6.763	221.9	5.5	1.8	.8	.1												2046	2046	2046	
Element (X)	Z <sub>x'</sub>	Z <sub>x</sub>	R	°	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	15726978	178326	87.2	9.498	2046	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	6918158	117312	57.3	9.884	2046		.0	18.6	4.1			93									
Wet Bulb	6426066	112878	55.2	9.854	2046		.3	13.7	1.9			93									
Dew Point	6077964	109328	53.4	10.743	2046		1.7	12.3	1.0			93									

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

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DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-43, 52-70

STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B., W.B.	Dry Bulb	Wet Bulb	Dew Point	
82/ 81				.0														1	1			
80/ 79			.1	.3	.0													10	10			
78/ 77		.2	.3	.3														19	19			
76/ 75		1.3	.7		.0													42	42	15	9	
74/ 73	.2	1.5	1.0		.1													56	56	47	31	
72/ 71	.6	1.9	1.2	.6	.1	.0		.0										93	93	77	69	
70/ 69	.6	3.1	1.3	.3	.1	.1												112	112	85	83	
68/ 67	.8	3.0	1.7	.5	.3													129	129	105	95	
66/ 65	.3	3.1	1.9	.9	.1	.2		.0										137	137	106	81	
64/ 63	.4	3.6	1.7	.5	.2	.2	.0	.0										140	140	112	111	
62/ 61	.9	4.4	1.5	.7	.3	.1												163	163	157	137	
60/ 59	.7	3.4	1.9	.8	.4			.0										148	148	162	131	
58/ 57	.4	3.2	2.3	.5	.2	.0												144	144	121	133	
56/ 55	.1	3.2	2.0	.8	.4	.4	.0											142	142	149	118	
54/ 53	.4	3.3	1.8	.7	.5	.0												140	140	136	132	
52/ 51	.4	2.4	1.6	1.0	.3													117	118	136	113	
50/ 49	.0	3.0	1.5	.9	.1													113	113	106	127	
48/ 47	.2	1.8	1.7	.3	.1													85	85	126	101	
46/ 45	.1	2.3	.8	.2	.0													72	72	119	117	
44/ 43	.2	1.9	.6															57	57	92	91	
42/ 41		1.4	.4	.1														40	40	66	86	
40/ 39	.3	1.5	.1	.0														40	40	51	91	
38/ 37	.1	.8	.1		.0													22	22	37	74	
36/ 35	.1	.4																11	11	19	54	
34/ 33	.1	.2	.0															9	9	10	29	
32/ 31	.0	.1																3	3	7	10	
30/ 29																				4	12	
28/ 27																					4	
26/ 25																					3	
24/ 23																					1	
20/ 19																					1	
18/ 17																					1	
TOTAL	7.3	51.2	6.3	10.2	3.7	1.2	.1	.2										2045	2046	2045	2045	
Element (X)	Zx'	Zx	X	X'	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	14976025	173549	84,911,010	2045	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	7171660	119500	58,49,691	2046		.1	21.0	5.8	.2		93											
Wet Bulb	6558890	114070	55,89,794	2045		.5	15.0	2.8			93											
Dew Point	6133424	109804	53,710,782	2045		1.5	13.1	1.8			93											

USAFETAC FORM 0-26-5 (O.L.A.) JN 54  
 ERASED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70

OCT  
MONTH

PAGE 1 0900-1100  
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																
90/ 89							.0	.1	.1	.0	.0	.0																						8	8	
88/ 87						.2	.4	.0	.1	.0	.0	.0																					19	19		
86/ 85				.0	.1	.4	.3	.3	.3	.0	.1	.0																					37	37		
84/ 83			.0	.2	.8	.5	.4	.5	.4	.2	.1	.0																					69	69		
82/ 81			.2	.9	.6	.7	.8	.5	.7	.3	.0	.1																					101	101		
80/ 79		.0	.4	1.3	.6	1.5	1.2	1.3	.8	.1	.2	.1																					153	153	3	
78/ 77		.3	.7	.8	1.2	1.2	1.0	.7	.5	.2	.1	.0																					143	144	31	
76/ 75		.3	1.1	1.4	2.2	1.3	1.3	.7	.7	.2	.1	.1																					192	192	70	
74/ 73	.0	.6	1.0	1.8	1.5	.7	1.1	1.0	.6	.2	.2																						182	183	81	
72/ 71		.8	1.2	1.4	1.0	.8	1.2	.5	.5	.2	.1																						163	162	129	
70/ 69	.0	1.1	1.3	1.3	1.1	.7	1.0	1.1	.6	.2	.1																						175	176	164	
68/ 67	.2	.4	1.3	.9	1.2	1.2	.7	.6	.5	.2	.0																						151	152	212	
66/ 65	.1	.5	1.0	1.1	1.3	1.4	1.1	.9	.5	.2	.0																						168	169	197	
64/ 63	.1	.7	.6	.7	.9	.7	.8	.6	.1																								109	109	142	
62/ 61		.7	.4	.8	.7	1.1	.9	.5	.1	.0																							106	106	149	
60/ 59	.0	.7	.2	.5	.7	1.0	.6	.3	.0																								86	86	159	
58/ 57	.0	.1	.3	.4	.9	.9	.2	.1																									62	62	144	
56/ 55	.0	.3	.5	.4	.9	.3	.2	.0																									60	60	127	
54/ 53		.2	.1	.3	.2	.1	.0	.0																									25	25	115	
52/ 51		.0	.0	.4	.2	.1	.0	.0																									16	16	107	
50/ 49		.0	.0	.0	.1	.1	.0																										8	8	102	
48/ 47			.0	.1	.0	.0																											4	4	36	
46/ 45			.0	.0																													2	2	36	
44/ 43			.0																														1	1	11	
42/ 41																																				10
40/ 39																																			2	
38/ 37																																				1
36/ 35																																				
34/ 33																																				
32/ 31																																				
30/ 29																																				
28/ 27																																				
26/ 25																																				
24/ 23																																				
Element (X)	Σx²		Σx		x̄		s <sub>x</sub>		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) JUL 64 REPROD REPROD ERRORS OF THIS FORM ARE OROUETTE

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70

OCT  
MON 'H

PAGE 2 0900-1100  
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																	
22/ 21																																					5
20/ 19																																				1	
TOTAL	.7	7.3	10.8	15.0	16.5	15.0	13.6	10.1	6.7	2.6	1.2	.4	.1																						2040	2046	2040

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

Elemen. (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Rel. Hum.	8345972	125468	61.5	17.558	2040							
Dry Bulb	10361001	144461	70.6	8.208	2046			63.5	41.2	14.7		93
Wet Bulb	7943959	126197	61.9	8.204	2040			31.5	8.4	.1		93
Dew Point	6586791	113589	55.7	11.336	2040		2.9	16.6	3.6			93

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 47-45, 52-70

OCT

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
96/ 95																		5	5		
94/ 93												.0						7	7		
92/ 91											.0	.3						18	18		
90/ 89						.0	.0	.4			.7	.6	.9					78	78		
88/ 87					.0	.2	.8	1.1	1.0		1.0	.6	.5	.5				105	105		
86/ 85					.2	.9	.5	1.0	.7	1.2	1.2	.2	.2	.2	.1	.0		134	134		
84/ 83				.0	.5	1.1	1.1	1.8	1.7	2.0	1.1	.5	.3	.3	.1			208	208		
82/ 81			.1	.3	.4	1.0	2.2	1.6	1.8	.9	.5	.6	.1	.1	.0			198	201	1	
80/ 79			.0	.7	.7	1.1	2.0	1.8	1.2	1.7	1.1	.2	.2	.0				223	223	4	
78/ 77		.1	.3	.5	.8	1.1	1.2	1.0	1.6	1.3	.8	.7	.2	.0				192	192	36	
76/ 75		.1	.5	.5	.5	1.3	.9	1.0	1.2	1.5	.7	.2						177	177	94	
74/ 73		.2	.5	.6	.6	.6	.6	1.0	.9	.8	.7	.2						142	142	102	
72/ 71	.1	.4	.2	.5	.6	.4	.7	.7	1.4	.7	.3	.2						132	132	144	
70/ 69		.3	.3	.3	.2	.4	.6	1.0	1.0	.6	.4	.1						111	114	217	
68/ 67	.0	.2	.2	.2	.4	.2	.5	.7	.9	.5	.1							85	85	220	
66/ 65	.0	.6	.1	.3	.2	.2	.6	.5	.8	.1	.0							74	74	238	
64/ 63		.2	.1	.0	.0	.1	.4	.6	.1	.1								40	40	156	
62/ 61		.1	.1	.0	.0	.6	.2	.5	.2									39	39	140	
60/ 59	.1	.2	.1	.3	.0	.3	.2	.1	.0									31	31	168	
58/ 57		.1	.3	.0	.1	.1		.0										18	18	113	
56/ 55		.2	.0		.1	.2	.0											14	14	135	
54/ 53				.0	.0	.1												4	4	95	
52/ 51				.0														1	1	79	
50/ 49																				31	
48/ 47			.1															2	2	31	
46/ 45			.0															1	1	9	
44/ 43																				6	
42/ 41																					
40/ 39																				38	
38/ 37																				48	
36/ 35																				51	
34/ 33																				42	
32/ 31																				24	
30/ 29																				18	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70

DCT  
 MONTH

PAGE 2 1200-1400  
 HOUR (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
28/ 27																					11
26/ 25																					6
24/ 23																					9
22/ 21																					3
20/ 19																					2
16/ 15																					1
14/ 13																					1
TOTAL	.2	3.1	3.4	4.6	5.4	10.1	13.2	15.5	15.5	13.4	8.0	4.1	1.8	.8	.3			2039		2039	2039
																		2039		2039	

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$= 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	5399050	98796	48.5	17.320	2039							
Dry Bulb	12268767	157861	77.0	7.949	2039			82.8	67.8	40.1	.3	93
Wet Bulb	8390186	129910	63.7	7.455	2039			37.2	10.8	.1		93
Dew Point	6342360	111238	54.6	11.612	2039			3.4	14.6	2.4		93

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

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70

OCT  
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		
94/ 93									.1	.5	.1	.1	.0						8	8			
92/ 91										.4	.4	.2	.3	.1	.0				29	29			
90/ 89							.1	.4	.4	.2	.5	.3	.1	.2					59	59			
88/ 87							.1	.6	.8	.8	.7	.7	.2	.1	.0				86	86			
86/ 85					.0	.5	.5	1.2	1.1	1.3	1.0	.4	.4	.1					135	135			
84/ 83				.0	.6	.8	1.5	1.5	1.0	1.7	.9	.7	.4	.1	.1				192	193			
82/ 81			.2	.3	.9	.7	1.5	1.5	1.8	1.6	1.1	.4	.1		.1				204	205			
80/ 79			.6	.7	.7	1.3	1.9	1.4	1.7	1.4	.8	.4	.1						216	216			
78/ 77		.4	.5	.3	1.1	.9	1.3	1.7	1.5	1.3	.8	.4	.1						206	206	16		
76/ 75		.4	.6	.3	.9	.9	1.0	1.3	1.1	.9	1.1	.1	.1						182	182	94	3	
74/ 73		.3	.4	.6	1.0	.8	.6	1.4	1.0	.9	.7	.3							170	170	102	39	
72/ 71		.7	.5	.3	.2	.5	.6	.8	1.4	.5	.3	.2							127	128	142	77	
70/ 69		.5	.3	.3	.3	.5	.9	.8	.6	.8	.2		.0						111	111	200	85	
68/ 67		.4	.2	.2	.4	.3	.7	.5	1.1	.5	.3								94	94	233	98	
66/ 65		.5	.1	.1	.1	.2	.5	.7	.6	.1	.0								64	64	227	134	
64/ 63		.1	.1	.2	.2	.3	.2	.2	.3	.1	.1								40	40	180	125	
62/ 61		.2	.2	.1	.1	.7	.3	.4	.0										46	46	171	133	
60/ 59	.0	.1	.3	.4	.3	.1	.1	.1											34	34	137	113	
58/ 57	.1	.0	.2	.1	.0	.2	.2	.0											20	20	148	149	
56/ 55		.3	.0	.1	.0	.1	.1												12	12	119	134	
54/ 53				.2															4	4	98	114	
52/ 51																					83	133	
50/ 49				.0															1	1	45	114	
48/ 47			.1	.0															3	3	36	84	
46/ 45																					7	89	
44/ 43																					4	68	
42/ 41																					1	69	
40/ 39																						64	
38/ 37																						61	
36/ 35																						39	
34/ 33																						42	
32/ 31																						15	
30/ 29																						23	
28/ 27																						12	
Element (X)	Σ x <sup>2</sup>		Σ x		x̄		s <sub>x</sub>		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 74 0-26-5 (OL A) REISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70

OCT

STATION

STATION NAME

YEARS

MONTH

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															
26/ 25																						10														
24/ 23																						7														
22/ 21																						3														
18/ 17																						4														
16/ 15																						1														
12/ 11																						1														
TOTAL	.1	3.6	4.1	4.5	7.2	9.0	12.8	14.9	15.2	12.2	8.9	4.2	2.0	.8	.5		2043	2046	2043	2043																

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5483108	99360	48.6	17.825	2043							
Dry Bulb	12175078	137004	76.7	7.882	2046			82.8	67.7	38.4	.4	93
Wet Bulb	8396485	129661	63.5	7.253	2043			95.8	9.7			93
Dew Point	6289234	110868	54.3	11.471	2043		3.5	13.7	1.9			

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

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70

STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B.-W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	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																
88/ 87								.0																									1	1		
86/ 85							.0	.2	.0	.0																							9	9		
84/ 83							.1	.4	.0	.1	.2																						19	19		
82/ 81					.3	.5	.3	.1	.3	.1																							36	36		
80/ 79			.1	1.4	.4	.9	.2	.4	.1	.1	.0																						79	79		
78/ 77		.1	1.2	.9	1.1	.8	.4	.6	.1	.1	.1																						115	115	1	
76/ 75		.4	1.4	1.5	1.7	.9	1.3	.7	.2	.2																							171	171	32	2
74/ 73	.0	.8	1.4	2.1	1.4	1.4	1.1	.4	.2																								182	183	90	34
72/ 71		1.0	1.8	2.1	1.6	1.6	1.0	.2	.0																								190	190	97	87
70/ 69	.2	1.6	2.1	2.3	2.0	1.1	.5	.4	.0	.0																							210	211	142	87
68/ 67	.1	1.3	1.8	1.9	1.6	1.3	.4	.3	.1	.1																							181	181	193	116
66/ 65	.0	.5	.9	1.8	1.8	1.1	.6	.4	.1																								150	150	173	153
64/ 63	.1	.6	1.1	2.0	.8	.9	.2	.3	.1	.0																							129	129	203	136
62/ 61		.7	1.2	1.9	.9	.9	.2	.3	.1																								132	132	173	137
60/ 59		.4	1.0	1.1	1.3	.7	.4	.1	.0																								106	106	164	124
58/ 57	.1	.9	1.5	1.3	.8	.7	.2	.1	.0																								107	107	161	152
56/ 55		.3	.7	1.5	.9	.4	.3	.1																									88	88	126	176
54/ 53		.2	.8	.9	.4	.4	.0	.1																									57	57	111	121
52/ 51		.1	.9	.6	.3	.0	.0																										42	42	111	143
50/ 49		.0	.2	.5	.0	.0																											17	17	99	90
48/ 47			.2	.2	.1																												12	12	78	100
46/ 45			.2	.0	.0																												6	6	35	87
44/ 43		.0	.0																														2	2	35	76
42/ 41		.0	.0																														2	2	12	55
40/ 39																																			6	34
38/ 37																																		1	50	
36/ 35																																				36
34/ 33																																				13
32/ 31																																				13
30/ 29																																				5
28/ 27																																				4
26/ 25																																				5
24/ 23																																				5
22/ 21																																				1
Element (X)	ΣX <sup>2</sup>		ΣX		X̄		σ <sub>x</sub>		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 44 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70

OCT

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B., W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		>31	Dry Bulb	Wet Bulb	Dew Point
80/79			.1	.2	.0	.0												9	9		
78/77			1.3	.3	.0													33	33		
76/75		1.1	1.7	.3	.1	.0												65	65	2	
74/73		2.0	1.8	.9	.1	.2	.0											103	103	74	21
72/71	.2	1.7	2.0	1.4	.8	.1	.0											126	126	81	88
70/69	.1	2.4	3.3	2.3	.8	.4	.1	.0										194	194	93	87
68/67	.1	3.1	3.2	2.0	1.0	.3	.1											200	200	136	89
66/65	.3	2.0	3.8	2.2	.9	.3	.2	.0										200	200	178	136
64/63	.3	1.5	2.6	2.0	.4	.3	.1											149	149	177	142
62/61		2.0	1.9	2.0	.5	.2	.0											135	135	155	153
60/59	.1	1.7	2.9	1.4	.7	.2	.2											147	147	158	139
58/57	.1	1.7	2.5	1.5	.4	.1	.0											133	133	142	130
56/55	.1	1.7	1.9	1.6	.7	.2												125	125	162	137
54/53	.0	1.3	2.1	1.4	.3	.2	.0											111	111	138	164
52/51		1.2	1.7	1.1	.5	.0												95	95	109	130
50/49		1.2	1.6	.9		.0	.0											78	78	108	105
48/47		1.3	.9	.4	.1	.0												56	56	112	93
46/45		.7	.8	.3	.0	.0												38	38	93	110
44/43		.5	.7	.1														29	29	50	90
42/41		.3	.2															10	10	37	67
40/39		.2	.0	.0														7	7	25	57
38/37		.1	.0															3	3	12	42
36/35																				2	32
34/33																				1	14
32/31																					7
30/29																					3
28/27																					4
26/25																					2
24/23																					1
22/21																					2
TOTAL	1.4	27.7	37.0	22.3	7.6	2.9	1.0	.1										2046	2046	2046	2046
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	13039408	161966	79.2	11.443	2046	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	8049044	127144	62.1	8.506	2046			33.2	9.5	.1		93									
Wet Bulb	7096123	119181	58.3	8.670	2046			17.9	3.3			93									
Dew Point	6482556	113354	55.4	9.949	2046			.9	13.0	1.0		93									

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

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-43, 52-70

NOV  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77				.1	.1													3	3		
76/ 75		.3	.5															15	15		
74/ 73		.4	.5	.2														23	23	8	2
72/ 71	.1	.7	.7	.1		.2												29	29	21	15
70/ 69	.1	1.4	.8	.4														53	53	30	26
68/ 67	.3	1.9	1.3	.4	.1													77	77	60	40
66/ 65	.7	2.3	1.3	.5	.1		.1											98	98	69	82
64/ 63	.4	2.1	1.4	.4	.2													89	89	94	62
62/ 61	.2	3.0	1.3	.4	.3		.1											101	101	81	67
60/ 59	.3	3.4	1.3	.4	.6	.1		.1										118	118	111	110
58/ 57	.2	2.3	1.1	.8	.7	.2												103	103	93	93
56/ 55	.2	2.1	1.8	.7	.5	.2												108	108	86	90
54/ 53	.1	2.8	1.5	1.1	.4	.2	.1											120	120	90	75
52/ 51	.1	2.5	1.9	.8	.2	.2		.1										111	111	117	75
50/ 49	.3	3.0	2.9	.3	.6													140	140	123	108
48/ 47	.1	2.6	2.4	.8	.7	.1												131	131	138	100
46/ 45	.2	2.6	1.4	1.1	.7													119	119	133	115
44/ 43	.3	2.4	1.9	1.0	.2													105	105	103	122
42/ 41	.7	2.8	1.3	.5	.1													106	106	120	131
40/ 39	.5	2.8	1.5	.1														98	98	140	101
38/ 37	.4	2.3	.8	.1														70	70	117	107
36/ 35	.3	2.4	.6															65	65	89	86
34/ 33	.2	1.3	.2	.1	.1													34	34	63	107
32/ 31		1.2	.3	.1														31	31	33	87
30/ 29	.1	.7	.4	.1														24	24	24	61
28/ 27	.1	.2	.1															9	9	24	34
26/ 25																				11	23
24/ 23																				2	17
22/ 21																					4
20/ 19																					10
18/ 17																					2
16/ 15																					2
14/ 13																					2
12/ 11																					1
Element (X)	Σ x <sup>2</sup>		Σ x		Σ	σ <sub>x</sub>	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 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70

NOV  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
78/ 77				.1														2	2			
76/ 75		.2	.6	.1														16	16			
74/ 73		.6	.4	.1														20	20	5		
72/ 71	.1	.4	.7	.1						.1								23	23	27	16	
70/ 69	.1	1.5	.5	.2														44	44	25	32	
68/ 67	.3	2.3	1.2	.3														83	83	58	32	
66/ 65	.9	2.2	.6	.2	.1													76	76	71	60	
64/ 63	.4	2.5	.7	.4	.1													78	78	91	69	
62/ 61	.1	2.9	.8	.2	.1	.1												82	82	59	68	
60/ 59	.5	2.4	1.0	.3	.2	.1												86	86	88	78	
58/ 57	.3	3.1	.9	.6	.3													100	100	83	79	
56/ 55	.3	3.1	.9	.7	.4	.3												110	110	87	90	
54/ 53	.3	2.9	1.0	.5	.2	.1	.1											99	99	86	81	
52/ 51	.2	2.6	1.6	.7	.2		.1											103	103	101	78	
50/ 49	.1	3.2	1.7	.4	.3	.2												113	113	96	82	
48/ 47	.4	3.8	1.3	.3	-7	.3												132	132	118	84	
46/ 45	.4	3.7	1.6	1.1	.2	.1												140	140	147	120	
44/ 43	.8	2.1	1.4	.8	.1		.1											102	102	112	107	
42/ 41	.6	3.0	1.5	.4	.1													109	109	114	120	
40/ 39	.7	2.6	1.4	.4	.1													102	102	131	125	
38/ 37	.6	3.8	1.0	.2														110	110	118	88	
36/ 35	.3	3.1	.7	.2														84	84	115	89	
34/ 33	.7	2.0	.3	.1														60	60	95	129	
32/ 31	.3	1.6	.1															40	40	53	102	
30/ 29	.2	1.2	.5	.2														41	41	48	73	
28/ 27	.2	.8		.1														20	20	26	63	
26/ 25		.1	.1															4	4	19	39	
24/ 23		.1																1	1	4	19	
22/ 21																				3	16	
20/ 19																					8	
18/ 17																					3	
16/ 15																					1	
14/ 13																					3	
12/ 11																					3	
Element (X)	Σx <sup>2</sup>		Σx		Σ	Σ <sub>x</sub>	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



DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB, LOUISIANA/ALEXANDRIA 43-45, 52-70

NOV  
 MONTH

PAGE 1 0600-0800  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
76/ 75			.5	.1														11	11						
74/ 73		.9	.3	.1														24	24	3	1				
72/ 71	.1	.5	.7	.2	.1													30	30	21	19				
70/ 69	.2	1.3	.6	.2	.1													46	46	20	27				
68/ 67	.3	2.8	.8	.4														86	86	70	40				
66/ 65	.5	2.6	.9	.2		.1												82	82	74	81				
64/ 63	.1	2.7	1.0	.2	.2		.1											82	82	72	69				
62/ 61	.1	2.9	.7	.3														78	78	83	61				
60/ 59	.5	2.7	.8	.3		.1												85	85	87	88				
58/ 57	.2	2.3	1.3	.3	.4	.2												92	92	81	72				
56/ 55	.3	2.7	1.0	.7	.3	.2												102	102	83	83				
54/ 53	.7	2.1	1.2	.9	.2	.1												101	101	93	87				
52/ 51	.2	2.6	1.8	.4	.2	.1												104	104	70	71				
50/ 49	.6	2.4	1.6	.8	.3	.2	.1											115	115	123	83				
48/ 47	.4	2.7	1.5	.7	.6	.2												118	118	111	81				
46/ 45	.5	4.0	1.9	.7	.2	.1												144	144	120	107				
44/ 43	.6	2.7	1.8	1.3	.1													128	128	141	114				
42/ 41	.5	2.6	1.6	.5	.2													105	105	108	120				
40/ 39	1.0	2.4	1.9	.3														109	109	140	120				
38/ 37	.4	2.9	.8	.5														90	90	118	106				
36/ 35	.5	2.8	.8	.3														85	85	109	91				
34/ 33	.2	2.2	.5	.1														56	56	80	119				
32/ 31	.5	1.9	.2															49	49	73	95				
30/ 29	.2	.8																24	24	44	76				
28/ 27	.3	.6	.1	.1														21	21	22	60				
26/ 25	.1	.3																11	11	14	38				
24/ 23		.1																2	2	4	26				
22/ 21																				6	20				
20/ 19																					9				
18/ 17																					2				
16/ 15																					6				
14/ 13																					2				
12/ 11																					3				
10/ 9																					2				
Element (X)	ΣX <sup>2</sup>		ΣX		Σ	σ <sub>x</sub>	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) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13914 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-15,52-70

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100  
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					
84/ 83						.1	.1															2			
82/ 81					.1	.3																6			
80/ 79				.4	.2	.3	.2															26	26		
78/ 77			.3	.3	.3	.6	.3	.1														41	41		
76/ 75		.2	.4	.8	.9	.8	.3	.1	.2													70	70	2	
74/ 73		.2	1.1	1.1	.9	.7	.6	.3	.1	.1												97	97	24	
72/ 71	.1	.3	1.1	.8	.8	.6	.5	.3	.1	.2												90	90	29	
70/ 69	.1	1.2	1.3	.7	.7	.5	.6	.3	.4	.1												114	114	70	
68/ 67		1.4	1.6	.7	.9	.7	.7	.3	.2	.1												121	121	104	
66/ 65	.2	1.1	1.4	1.1	1.0	.5	.3	.7	.2													132	132	112	
64/ 63	.1	1.4	1.2	1.0	1.0	.8	.7	.8	.4													143	143	110	
62/ 61	.1	.8	.9	.5	.9	.8	.5	.7	.1	.1												110	110	113	
60/ 59	.1	1.4	.6	1.0	1.6	1.1	.7	.4	.1													136	136	111	
58/ 57		1.0	.8	1.2	1.0	1.3	.7	.3														121	121	97	
56/ 55	.1	1.0	1.4	1.2	1.1	.9	.6	.2	.1													130	130	111	
54/ 53	.1	.8	1.1	1.3	1.1	1.0	.6	.2														116	116	118	
52/ 51	.1	.8	1.1	1.2	.8	1.2	.3	.1														109	109	144	
50/ 49	.1	1.0	1.4	1.1	.7	.8	.3	.1														106	106	138	
48/ 47	.1	1.0	1.0	.9	1.3	.6	.1															93	93	160	
46/ 45	.2	.6	.8	1.0	.9	.3	.2															78	78	132	
44/ 43	.1	.5	.7	.5	.5	.2	.1															47	47	92	
42/ 41		.1	.4	.5	.2	.2																27	27	90	
40/ 39	.1	.4	.4	.3	.4																	31	31	87	
38/ 37	.1	.1	.4	.3	.1																	16	16	52	
36/ 35		.1	.1	.2	.1																	8	8	38	
34/ 33			.1	.1	.1																	4	4	16	
32/ 31			.1	.1	.1																	3	3	17	
30/ 29				.1																		1	1	7	
28/ 27																								3	
26/ 25																								1	
24/ 23																								2	
22/ 21																									
20/ 19																									
18/ 17																									
Element (X)	Σ X <sup>2</sup>	Σ X	X̄	s <sub>x</sub>	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 44 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70

NOV  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
16/ 15																						3														
14/ 13																						8														
12/ 11																						4														
10/ 9																						4														
8/ 7																						2														
TOTAL	1.2	14.8	19.2	18.1	17.5	13.8	8.6	4.6	1.8	.4								1980	1980	1980	1980															

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	9156818	129642	65.5	18.378	1980							
Dry Bulb	7274561	118297	59.7	10.247	1980		.2	25.8	11.0	.7		90
Wet Bulb	5828833	105831	53.3	10.157	1980		1.4	10.4	1.2			90
Dew Point	4764324	92466	47.2	13.345	1980		14.0	5.3	.3			90

USAFETAC FORM 0-36-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70

NDV  
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																
88/87								.1		.2		.1																					1	1		
86/85								.1		.2		.1																					9	9		
84/83								.2		.4		.2		.1		.1		.1		.1												23	23			
82/81					.2		.3	.6		.8		1.0		.5		.5		.1														74	74			
80/79				.2		.7		1.2		1.9		1.2		.8		.3		.1		.1												123	123			
78/77			.1		.4		.7	.7		1.6		1.2		.7		.5		.3		.2												124	124			
76/75		.1		.2		.6		.7		1.4		2.3		.8		.6		.8		.6		.1										160	160	8		
74/73		.3		.6		.8		.8		1.5		1.4		1.2		.9		1.1		.4												173	173	24		
72/71	.1	.1		.4		.5		.4		1.0		1.1		.7		.9		.7		.3												125	125	68		
70/69	.1	.6		.7		.4		.7		.7		1.1		.8		.9		.7		.1												130	130	90		
68/67	.1	.6		.6		.3		.4		1.1		1.1		1.2		1.4		.8		.3		.1										139	139	136		
66/65	.2	.4		.3		.4		.5		.4		1.0		1.7		1.4		.6		.2													135	135	143	
64/63		.3		.3		.3		.7		.8		.9		1.5		.8		.3															112	112	166	
62/61		.2		.3		.4		.2		.7		1.1		.9		.7		.2															89	89	100	
60/59		.4		.3		.2		.7		.9		1.1		.8		.5		.1															94	94	108	
58/57		.5		.4		.2		1.1		.9		1.0		1.4		.2																	100	100	115	
56/55		.4		.4		.7		.6		.6		1.1		.8		.1																	89	89	133	
54/53	.2	.2		.5		.4		.3		.9		.8		.2																			67	67	123	
52/51	.1	.4		.5		.2		.3		.6		.5		.2																			52	52	143	
50/49	.1	.6		.3		.3		.5		.6		.4		.2																			55	55	165	
48/47		.6		.4		.3		.3		.6		.3																					47	47	101	
46/45		.2		.2		.4		.1		.1		.1																					18	18	105	
44/43		.1		.1		.1		.2		.1		.1																					14	14	87	
42/41	.2	.1		.2		.1		.1		.1		.1																					13	13	67	
40/39	.1	.1		.1		.1		.2																									9	9	42	
38/37		.2				.1																											4	4	23	
36/35								.1																									1	1	17	
34/33																																		4	4	87
32/31																																		4	4	56
30/29																																		5	5	50
28/27																																		1	1	47
26/25																																				53
24/23																																				38
22/21																																				19
Element (X)	Σ x <sup>2</sup>		Σ x		x̄		s <sub>x</sub>		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) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45, 52-70

NOV  
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				
88/ 87								.1										1	1						
86/ 85							.2	.1	.1									8	8						
84/ 83					.1	.2	.3	.2	.2	.2								21	21						
82/ 81				.1	.2	.4	.6	.5	.4	.1	.1			.1				47	47						
80/ 79				.2	.3	.7	1.3	.8	.7	.3	.2	.1						87	87						
78/ 77			.2	.2	.8	1.0	1.1	1.2	.6	.3	.2	.1						110	110						
76/ 75		.2	.3	.5	1.0	1.9	1.8	1.1	.4	.9	.4	.1	.1					165	165	7					
74/ 73	.1	.4	.7	.4	1.0	1.6	1.3	1.0	.8	.9	.4	.1						169	169	19	9				
72/ 71		.5	.4	.5	.9	1.1	1.5	.9	.7	.8	.4							147	147	49	17				
70/ 69	.1	.5	.5	.6	.5	1.2	1.2	1.0	1.0	.6	.1	.1						141	141	86	31				
68/ 67	.1	.8	.7	.5	.4	.8	1.1	1.6	1.2	.8	.3							162	162	118	52				
66/ 65		.4	.5	.2	.8	.4	1.2	1.1	1.3	.6	.3							132	132	152	66				
64/ 63		.3	.2	.5	.5	.7	1.3	1.0	.7	.3								109	109	147	91				
62/ 61		.5	.1	.4	.3	1.0	1.1	1.0	.8	.3	.1							105	105	115	84				
60/ 59	.1	.7	.2	.2	.3	1.1	1.4	1.2	.4									106	106	115	104				
58/ 57		.3	.3	.3	.8	.8	1.3	1.0	.2									96	96	133	94				
56/ 55		.3	.6	.4	.4	.5	1.2	.5										74	74	125	106				
54/ 53	.1	.6	.6	.5	.2	.9	1.0	.2										77	77	129	92				
52/ 51	.1	.5	.7	.3	.5	.4	.4	.1										55	55	149	102				
50/ 49	.2	.7	.3	.4	.3	.3	.3	.1										52	52	152	72				
48/ 47		.4	.5	.5	.2	.4	.3	.1										42	42	129	71				
46/ 45	.1	.3	.2	.4	.3	.2	.2											28	28	103	103				
44/ 43		.1	.2	.1	.3	.3	.1											17	17	107	91				
42/ 41	.2		.2	.2	.1	.2	.1											19	19	50	134				
40/ 39	.1		.1		.1													5	5	30	90				
38/ 37	.2	.1																5	5	31	75				
36/ 35																				20	83				
34/ 33																				6	80				
32/ 31																				7	62				
30/ 29																					71				
28/ 27																					41				
26/ 25																					50				
24/ 23																					35				
22/ 21																					19				
Element (X)	Σ x'	Σ x	Σ	σ <sub>x</sub>	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) 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70

NOV  
MONTH

STATION

STATION NAME

YEARS

PAGE 1 1800-2000  
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
80/ 79					.1													2	2	
78/ 77			.3		.1													10	10	
76/ 75		.3	.4	.8	.3													42	42	1
74/ 73		.2	1.0	.8	.6	.5												62	62	12
72/ 71		1.0	.8	1.6	1.1	.4	.2	.1	.1	.1								102	102	22
70/ 69	.1	1.0	1.2	2.2	1.4	.2	.2			.1								123	123	68
68/ 67	.1	.9	1.7	1.6	1.5	.6	.1	.2										128	128	69
66/ 65	.2	1.1	1.6	1.8	1.5	1.0	.2	.3	.1									149	149	102
64/ 63		.8	1.4	1.5	.5	.7	.4	.3										109	109	124
62/ 61	.2	.9	.8	1.8	1.1	.9	.3	.2										120	120	116
60/ 59	.2	1.5	1.4	1.7	1.8	.9	.4	.3										161	161	119
58/ 57	.1	.4	.9	1.9	.8	.7	.6	.2										108	108	115
56/ 55		.5	1.2	1.7	2.0	1.2	.6	.1										142	142	109
54/ 53		.5	1.1	1.7	1.1	1.0	.5		.1									116	116	108
52/ 51	.1	1.2	1.4	1.4	1.6	.8	.2											130	130	131
50/ 49	.1	1.1	1.6	1.1	1.4	.6	.2											116	116	136
48/ 47		1.2	1.4	1.2	1.7	.3												114	114	143
46/ 45	.1	.5	1.1	1.7	1.0	.2												91	91	146
44/ 43	.1	.6	.8	.7	.6	.1	.1											57	57	122
42/ 41		.1	.8	.4	.1	.1												29	29	106
40/ 39	.2	.1	.4	.3	.2	.2												24	24	98
38/ 37	.1	.6	.3	.2	.4													28	28	58
36/ 35		.1	.2	.3	.1													11	11	27
34/ 33			.1	.2														5	5	18
32/ 31				.1														1	1	16
30/ 29																				11
28/ 27																				2
26/ 25																				1
24/ 23																				
22/ 21																				9
20/ 19																				8
18/ 17																				6
16/ 15																				3
14/ 13																				7
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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



DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70

NOV  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
78/ 77			.1	.1	.1													3	3		
76/ 75		.5	.3	.2														19	19		
74/ 73	.1	.5	.5	.3														27	27	14	7
72/ 71		.8	.5	.4	.1													35	35	19	13
70/ 69	.2	1.7	1.5	.9	.1	.1				.1								87	87	38	33
68/ 67	.1	1.6	2.6	.9	.1	.1												105	105	53	44
66/ 65	.5	1.4	1.5	1.2	.2	.1	.1	.1										97	97	85	56
64/ 63	.1	1.7	2.2	1.1	.6													109	109	109	77
62/ 61	.2	1.7	1.8	1.1	.3	.1				.1								103	103	83	83
60/ 59	.5	2.4	1.8	.9	.4	.2	.2											122	122	121	110
58/ 57	.1	1.7	2.2	1.4	.8	.3	.1											128	128	102	89
56/ 55	.1	2.2	2.4	.9	.6	.5												129	129	93	97
54/ 53		1.4	2.0	.6	.7	.2	.2											98	98	121	82
52/ 51	.3	2.4	2.1	1.1	.4	.5	.1											133	133	114	97
50/ 49		2.0	2.3	1.5	.9	.3												138	138	137	119
48/ 47	.1	1.9	2.2	1.2	.7	.1												121	121	103	104
46/ 45	.1	2.6	1.3	1.9	.9	.2												140	140	136	101
44/ 43	.2	1.6	2.3	1.1	.1													103	103	142	113
42/ 41	.2	1.5	1.3	.8	.1													75	75	117	112
40/ 39	.3	1.0	1.9	.6	.1													76	76	127	103
38/ 37	.4	1.8	.7	.1	.1	.1												59	59	107	95
36/ 35	.1	.8	.4	.2	.1													30	30	65	89
34/ 33		.3	.5	.4														21	21	33	99
32/ 31		.4	.2	.1														14	14	22	85
30/ 29	.1	.2	.2	.1														8	8	21	55
28/ 27																				14	45
26/ 25																				4	28
24/ 23																					12
22/ 21																					10
20/ 19																					6
18/ 17																					7
16/ 15																					1
14/ 13																					4
12/ 11																					2
Element (X)	Σx²		Σx		X̄		sₓ		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																					

USAF ETAC FORM 0-26-5 (OL A) JUL 54 REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA STATION NAME 43-45,52-70 YEARS

NOV MONTH

PAGE 2 2100-2100 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	P.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
10/9																									2
TOTAL	3,033	736	618	56,9	2,6	,5	,2																1980		1980
																						1980		1980	

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Ref. Hum.	12367487	154193	77.913	13.481	1980							
Dry Bulb	5989179	106973	54.010	10.295	1980		1.0	12.5	2.2			90
Wet Bulb	5257348	99912	50.910	10.440	1980		2.8	5.6	.6			90
Dew Point	4663816	93000	47.012	12.222	1980		11.7	4.4	.2			90

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 STATION ENGLAND AFB LOUISIANA/ALEXANDRIA 43-44, 52-70 STATION NAME YEARS

DEC MONTH

PAGE 1 0300-0200 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
74/ 73			.1															2	2	
72/ 71		.2	.3	.2	.3													17	17	1
70/ 69		.1	.8	.2														19	19	7
68/ 67	.1	1.5	.7	.1														47	47	11
66/ 65	.3	1.7	.6															51	51	71
64/ 63	.2	1.7	.6	.2														51	51	53
62/ 61	.4	2.1	.6	.1	.2		.1											65	65	50
60/ 59	.5	1.4	.9		.1	.2												58	58	59
58/ 57	.2	2.3	1.1	.2	.1	.1												77	77	50
56/ 55	.5	2.3	1.5	.5	.1	.1												96	96	74
54/ 53	.5	2.8	1.3	.8	.4	.2												116	116	92
52/ 51	.2	3.1	1.4	.6	.2													106	106	103
50/ 49	.4	3.3	1.2	.5	.5	.1												117	117	91
48/ 47	.4	2.9	1.6	1.2	.4													125	125	124
46/ 45	.3	2.2	2.0	.9	.5	.1												116	116	111
44/ 43	.6	2.8	2.4	1.1	.1	.1												136	136	99
42/ 41	.4	2.0	2.0	.8	.3													109	109	128
40/ 39	.8	2.7	2.2	1.2	.3													139	139	138
38/ 37	.5	3.3	2.1	.7	.1													129	129	136
36/ 35	.4	2.5	2.2	.4	.1													107	107	128
34/ 33	.3	1.8	1.8	.4														84	84	119
32/ 31		1.8	1.4	.1														64	64	99
30/ 29	.1	1.4	1.2															52	52	73
28/ 27	.2	1.5	.4															40	40	72
26/ 25	.1	.4	.3															15	15	38
24/ 23		.3	.1															8	8	17
22/ 21	.1	.2																4	4	9
20/ 19																				1
18/ 17																				32
16/ 15		.2																3	3	1
14/ 13																				2
12/ 11																				7
10/ 9																				2
8/ 7																				3
Element (Δ)	Σ X <sup>2</sup>		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature							Total				
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-44,52-70

DEC

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point														
74/ 73			.1		.1																										3	3			
72/ 71		.3	.2	.2	.2																										16	16			
70/ 69		.1	.7	.1	.1																									17	17	9	3		
68/ 67	.2	1.4	.7																											45	45	19	16		
66/ 65	.1	1.4	.7																											43	43	56	28		
64/ 63	.2	2.2	.3																											50	50	53	52		
62/ 61	.4	1.6	.4	.1																										48	48	57	66		
60/ 59	.8	1.5	.4		.3																									57	57	50	57		
58/ 57	.4	1.7	.5			.1	.1																							52	52	46	44		
56/ 55	.4	2.6	1.1	.2	.1	.1																								87	87	59	50		
54/ 53	.7	3.2	.8	.2	.2																									100	100	70	56		
52/ 51	.2	2.9	1.8	.3	.1	.2																								106	106	104	85		
50/ 49	.7	3.2	1.1	.3	.4																									110	110	86	85		
48/ 47	.3	3.5	1.6	.8	.2																									123	123	122	83		
46/ 45	.8	3.4	1.3	.7	.4																									130	130	110	108		
44/ 43	.6	2.8	1.6	.7	.1																									113	113	116	99		
42/ 41	.7	2.0	1.3	.6	.2	.1																								93	93	107	96		
40/ 39	.8	3.4	1.6	.6	.3																									130	130	119	86		
38/ 37	.9	3.6	1.4	.7	.1																									130	130	132	109		
36/ 35	.5	3.7	1.6	.3																										120	120	119	106		
34/ 33	.4	2.8	1.6	.2																										98	98	127	116		
32/ 31	.3	2.6	1.1	.3																										85	85	119	110		
30/ 29		2.4	1.1																											68	68	80	89		
28/ 27	.4	2.0	.4																											56	56	86	94		
26/ 25	.2	1.4	.1																											32	32	55	90		
24/ 23	.2	.8	.2																											22	22	31	62		
22/ 21	.1	.4	.1																											10	10	19	65		
20/ 19	.2	.2																												6	6	10	34		
18/ 17																																	1	28	
16/ 15		.1																													2	2	1	21	
14/ 13		.1																													1	1	2	4	
12/ 11																																		2	
10/ 9																																		8	
8/ 7																																		1	
Element (X)	Z <sub>X</sub> <sup>2</sup>	Z <sub>X</sub>	X̄	s <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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



2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13934 STATION ENGLAND APR LOUISIANA/ALEXANDRIA STATION NAME 43-44,52-70 YEARS DEC MONTH

PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73		.1			.1													3	3		
72/ 71		.2	.3	.2	.1													14	14	1	
70/ 69		.6	.4	.1														21	21	4	3
68/ 67		1.3	1.0															44	44	29	12
66/ 65		1.6	.5															40	40	48	38
64/ 63	.6	1.5	.1	.1														44	44	56	47
62/ 61	.5	1.7	.3	.1														50	50	49	41
60/ 59	.5	1.6	.4	.1	.4													59	59	43	49
58/ 57	.2	2.3	.5	.2		.1												63	63	44	41
56/ 55	.4	2.5	.7	.2	.1													73	73	67	54
54/ 53	.8	3.5	1.2	.1		.1	.1											109	109	80	73
52/ 51	.6	2.3	.8	.3	.3	.2												87	87	99	84
50/ 49	.8	2.6	1.5	.6	.3													113	113	88	77
48/ 47	.3	2.4	1.5	.6	.1													94	94	79	88
46/ 45	.6	2.4	1.3	1.0	.2													107	107	100	77
44/ 43	1.0	3.8	2.0	.2	.1													138	138	111	61
42/ 41	1.1	2.9	1.1	.3	.2													109	109	141	91
40/ 39	.8	2.7	2.0	.5	.1													118	118	131	109
38/ 37	.6	3.0	1.6	.6														113	113	103	97
36/ 35	1.0	3.0	1.8	.4														119	119	105	136
34/ 33	.4	3.8	2.2	.2														128	128	122	104
32/ 31	.4	3.0	.8	.2														86	86	32	103
30/ 29	.4	2.2	1.2	.2														76	76	104	112
28/ 27	.4	2.2	.4															58	58	74	101
26/ 25	.5	1.0	.4															36	36	70	67
24/ 23	.2	.9	.1															22	22	26	78
22/ 21	.3	.5																14	14	24	53
20/ 19	.2	.2	.1															9	9	9	52
18/ 17	.1																	2	2	8	30
16/ 15	.1																	1	1	1	15
14/ 13																		1	1	1	11
12/ 11	.1																	1	1	1	9
10/ 9																					3
8/ 7																					3
Element (°)	Z <sub>x</sub> <sup>2</sup>	Z <sub>x</sub>	$\bar{x}$	s <sub>x</sub>	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 44 0-26-5 (OL A) REVERSE NETWORK ERRORS OF THIS FORM ARE DISCOURAGED



DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-44,52-70

DEC  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79						.1												1	1		
78/ 77						.2												5	5		
76/ 75			.1	.2	.5	.1	.1		.1									17	17		
74/ 73			.2	.2	.6	.1	.1											19	19		
72/ 71		.4	.7	.5	.2	.1	.1											38	38	2	
70/ 69		.7	1.1	.7	.1	.1	.1	.1	.1									57	57	28	4
68/ 67	.1	.4	.9	.3	.4	.2			.1									44	44	49	33
66/ 65	.3	1.2	.6	.6	.4	.2	.2	.2	.1									70	70	64	33
64/ 63	.1	.9	.7	.6	.4	.2	.4	.2										64	64	39	70
62/ 61	.4	1.2	.8	.5	.5	.5	.5	.2										87	87	59	55
60/ 59	.5	2.2	.9	.6	.1	.6	.4	.2	.1									106	106	78	51
58/ 57	.2	1.6	1.6	.7	.9	.8	.3	.2	.1									121	121	82	67
56/ 55	.3	1.9	1.3	.6	1.1	.7	.4		.1									122	122	87	76
54/ 53	.6	2.0	1.1	.9	.9	.5	.3	.1										125	125	109	91
52/ 51	.4	1.3	1.4	1.1	1.3	.8	.4	.1										135	135	106	89
50/ 49	.3	1.3	1.4	1.7	1.0	1.0	.2	.1										134	134	111	71
48/ 47	.2	1.7	1.5	2.0	1.1	.5	.1											138	138	122	67
46/ 45	.1	2.3	1.2	1.5	.7	.4	.1											121	121	132	81
44/ 43	.1	1.8	1.9	.9	.8	.1												111	111	154	85
42/ 41	.3	1.8	1.6	1.1	.6	.2												109	109	161	108
40/ 39	.3	1.2	1.4	1.1	.9	.1												98	98	146	128
38/ 37	.1	1.1	1.2	.7	.2	.1												66	66	100	135
36/ 35		1.1	1.0	.8	.1													57	57	86	106
34/ 33	.1	1.0	.6	.3	.1													37	37	87	101
32/ 31	.1	.5	.7	.2														28	28	60	108
30/ 29	.1	.4	.6	.1														21	21	34	73
28/ 27	.2	.1	.1															5	5	29	63
26/ 25		.1	.1	.1														6	6	15	70
24/ 23		.1	.1															3	3	9	52
22/ 21		.1	.1															2	2	4	35
20/ 19	.1	.1																3	3	6	29
18/ 17																				1	22
16/ 15																					17
14/ 13																					13
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\leq 93 F$	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-76-5 (OL A) REvised REVISED EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-44, 52-70

DEC

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
82/81							.1											1	1																
80/79					.2	.4	.3	.1										19	19																
78/77				.1	.3	.6	.3	.1	.2	.1								30	30																
76/75		.1	.1	.6	.7	.8	.4	.2	.2	.1	.1							59	59																
74/73		.1	.7	.7	.4	.2	.6	.4	.1	.1	.1							62	62	2															
72/71		.1	.7	.8	1.0	.7	.5	.3	.3	.3	.2	.1						93	93	13	3														
70/69		.1	.5	.5	1.3	.6	1.0	.5	.2	.6	.1							102	102	46	12														
68/67		.5	.8	.4	.9	.6	1.0	.5	.6	.1								104	104	62	23														
66/65	.2	1.0	.8	.5	.8	.4	.9	.9	.3									115	115	72	43														
64/63	.2	.7	.7	.7	.7	.8	.5	1.0	.5	.3								116	116	87	77														
62/61	.1	.9	.5	.4	.5	1.2	.8	.9	.4	.2								110	110	91	63														
60/59	.1	.6	1.0	.6	.5	.8	1.3	.8	.6	.1								129	129	92	76														
58/57	.1	.8	.5	.7	1.1	1.3	1.4	.9	.1									134	134	86	65														
56/55	.1	1.2	.7	.4	.8	1.2	1.1	.9	.2									127	127	112	86														
54/53	.2	1.7	.6	.5	1.2	1.2	1.2	.4	.1									138	138	124	75														
52/51	.1	.5	1.1	.5	1.1	1.1	.9	.2	.1									108	108	128	89														
50/49		1.1	.7	.4	1.0	.6	.8	.1										89	89	131	71														
48/47	.1	1.4	.6	.3	.7	1.1	.6	.1										92	92	141	75														
46/45		1.3	.7	.6	1.3	.5	.2											89	89	161	105														
44/43	.1	1.0	.8	.4	.5	.5	.3											67	67	145	92														
42/41		.5	.4	.3	.5	.3												38	38	102	83														
40/39	.2	.6	.7	.3	.5	.1												46	46	101	84														
38/37	.1	.6	.3	.4	.3	.1												34	34	82	109														
36/35		.4	.3	.4	.3													25	25	63	106														
34/33	.2	.2	.1	.2														12	12	49	95														
32/31		.1		.1														4	4	32	81														
30/29		.1			.1													2	2	19	80														
28/27	.1	.1		.1														6	6	9	60														
26/25		.1																1	1	3	72														
24/23		.1																1	1	2	54														
22/21																				2	57														
20/19																					34														
18/17																					28														
16/15																					15														
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 16-44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-44,52-70

YEARS MONTH DEC

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
82/ 81							.1										1	1		
80/ 79					.1	.3	.3										11	11		
78/ 77				.1	.2	.5	.4	.1	.2								24	24		
76/ 75			.1	.3	.6	.8	.3	.2	.1								45	45		
74/ 73			.4	.4	.6	.5	.5	.5	.1	.3	.2						65	65		
72/ 71		.2	.9	.6	.8	.4	.6	.3		.4	.1						81	81	6	
70/ 69		.3	.9	.7	1.0	.9	.7	.6	.1	.3	.1						105	105	34	9
68/ 67		.5	1.0	1.0	.7	.6	.7	.7	.3	.3							115	115	62	20
66/ 65		1.5	.5	.8	.8	1.4	.7	.9	.6	.1	.1						139	139	80	34
64/ 63		.8	.4	.7	.7	1.0	.8	.9	.3	.1							108	108	83	79
62/ 61	.2	.4	.5	.4	.8	.8	1.1	.8	.6	.2							113	113	89	76
60/ 59		.9	.5	.5	.7	1.0	1.6	.9	.5								130	130	93	61
58/ 57	.1	1.4	.6	.5	1.4	1.0	1.4	.8	.4								149	149	103	74
56/ 55	.1	.9	1.0	.9	.7	1.1	1.5	.9	.1								141	141	109	86
54/ 53	.2	.8	.7	.7	.8	1.3	1.1	.4	.1								122	122	116	73
52/ 51	.2	1.1	.8	.6	1.2	1.9	.9	.2	.1								133	133	122	71
50/ 49	.2	1.1	.6	.3	.9	1.0	.9	.2									95	95	164	90
48/ 47	.1	1.2	.4	.5	.5	.8	.4										76	76	158	100
46/ 45	.2	.6	.7	.5	.9	.6	.3										71	71	139	98
44/ 43	.2	1.0	.7	.3	1.0	.2	.2										66	66	138	95
42/ 41		.6	.4	.2	.4	.3											36	36	123	68
40/ 39	.2	.5	.9	.6	.3	.2											48	48	101	98
38/ 37	.2	.4	.9	.6	.3												36	36	71	89
36/ 35		.4	.3	.1	.1												16	16	57	115
34/ 33	.2	.1	.1														8	8	37	95
32/ 31	.1	.3	.1														8	8	23	81
30/ 29		.1			.1												3	3	15	85
28/ 27		.1		.1													2	2	2	69
26/ 25		.1															2	2	1	84
24/ 23																			4	60
22/ 21																			1	47
20/ 19																				27
18/ 17																				19
16/ 15																				17
Element (X)	Σ x <sup>2</sup>		Σ x		x̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.											≤ 0 F	- 32 F	≥ 67 F	≥ 73 F	- 80 F	≥ 93 F	Total			
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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



DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-44,52-70

DEC  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.S	Dry Bulb	Wet Bulb	Dew Point				
76/ 73				.1	.1													2	2						
74/ 73				.3	.1													7	7						
72/ 71		.3	.4	.5	.4	.1	.1											32	32	1	1				
70/ 69		.4	1.3	1.2	.4	.2												68	68	8	5				
68/ 67		.8	1.5	.3	.6	.1												63	63	29	13				
66/ 65	.1	1.5	1.3	.7	.4	.2	.1	.1										85	85	75	28				
64/ 63	.1	1.3	1.1	1.1	.5	.3	.1	.1										87	87	81	69				
62/ 61	.2	1.0	.8	1.4	.5	.1	.2	.2										84	84	60	79				
60/ 59	.2	1.2	1.1	1.3	1.0	.5	.4	.1										110	110	73	57				
58/ 57	.2	1.6	1.1	1.1	.6	.6	.2		.1									104	104	82	57				
56/ 55	.3	1.6	1.1	1.5	1.4	.8	.3											137	137	102	90				
54/ 53		1.4	.7	1.4	1.5	.3	.2											108	108	99	71				
52/ 51	.1	1.8	1.2	1.5	1.8	.9	.5											153	153	89	78				
50/ 49	.1	2.4	1.7	2.1	1.6	1.1	.1	.1										179	179	112	82				
48/ 47	.2	1.6	1.3	1.9	2.0	.8	.1											153	153	151	91				
46/ 45	.1	1.5	1.9	1.9	1.4	.5	.1											146	146	156	103				
44/ 43	.1	1.3	1.0	1.1	1.1	.2	.1											94	94	140	104				
42/ 41	.1	.9	.9	1.3	1.1	.2												85	85	165	69				
40/ 39	.4	.5	1.4	1.3	.8													85	85	136	125				
38/ 37	.2	.9	1.2	1.0	.1	.1												66	66	102	116				
36/ 35	.1	.2	1.1	.7	.3													46	46	94	118				
34/ 33	.3	.1	.4	.5														25	25	81	100				
32/ 31		.3	.4	.1	.1													16	16	52	91				
30/ 29		.3	.2															10	10	34	86				
28/ 27		.1																2	2	19	63				
26/ 25																				6	89				
24/ 23		.2	.1															4	4	3	57				
22/ 21			.1															2	2		35				
20/ 19																				2	21				
18/ 17																				1	13				
16/ 15																					18				
14/ 13																					6				
12/ 11																					10				
10/ 9																					2				
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 95 F	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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



DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-44, 52-70

DEC

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B.-W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
74/ 73		.1	.1															3	3		
72/ 71		.1	.1	.1	.2													8	8	3	
70/ 69		.5	.9	.3														33	33	3	5
68/ 67		1.5	1.4	.2	.1													61	62	16	4
66/ 65		2.0	.9	.3	.1													62	62	74	41
64/ 63	.2	1.9	1.0	.4	.1	.1	.1											73	73	65	71
62/ 61	.3	1.2	.9	.4	.3	.1												60	60	65	58
60/ 59	.3	1.6	1.6	.2	.3	.1												78	78	53	55
58/ 57	.2	2.3	1.9	.5	.2	.1												102	102	71	58
56/ 55	.6	1.9	1.5	1.0	.3	.2												107	107	92	79
54/ 53	.2	1.9	1.4	1.1	.7	.1												105	105	96	70
52/ 51	.2	1.7	1.6	.6	.7	.1												97	97	76	87
50/ 49	.2	3.0	1.4	1.7	.6	.3												139	139	103	81
48/ 47	.1	2.3	1.8	2.0	.7	.2												140	140	120	73
46/ 45	.1	2.7	2.6	1.6	.9	.1												155	155	107	113
44/ 43	.2	2.1	3.2	1.7	.6	.1												153	153	136	92
42/ 41	.3	1.6	2.2	1.3	.4	.1												119	119	155	93
40/ 39	.2	1.3	2.5	1.5	.3													113	113	153	100
38/ 37	.4	1.7	1.5	1.6	.1													105	105	144	88
36/ 35	.1	.9	2.1	.9														78	78	93	167
34/ 33	.2	.9	1.7	.3														59	59	94	115
32/ 31		1.1	.8	.3														42	42	100	86
30/ 29	.1	.8	.5	.2														29	29	57	94
28/ 27		.6	.3	.1														19	19	33	58
26/ 25		.2	.1															5	5	26	84
24/ 23		.2																4	4	13	56
22/ 21																				1	53
20/ 19			.1															1	1		29
18/ 17		.1																2	2	1	12
16/ 15																				2	14
14/ 13																					4
12/ 11																					4
10/ 9																					4
8/ 7																					3
Element (X)	Z <sub>x</sub> <sup>2</sup>	Z <sub>v</sub>	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-44,52-70

DEC  
 MONTH

PAGE 2 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	
6/5																						1
TOTAL	3.8	36.2	34.1	18.2	6.3	1.4	.1												1952		1952	1952
																			1952		1952	
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$	$\sigma_x$	No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.	11984819		150402		77.1	14.249	1952		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total							
Dry Bulb	4839629		95063		48.7	10.426	1952			4.9	5.0	.1			93							
Wet Bulb	4242177		88561		45.4	10.720	1952			11.1	1.0				93							
Dew Point	3675873		80939		41.9	12.802	1952			23.9	.4				93							

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

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/HAC

## MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70

STATION	STATION NAME												YEARS
HRS IL ST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN 44.3 S D 11.487 TOTAL OBS 1860	47.9 10.870 1695	53.6 10.333 1860	61.9 8.013 1846	67.4 5.945 1953	73.4 4.244 1890	75.6 3.006 1952	75.1 3.255 1953	70.6 5.847 1980	59.5 9.155 2045	51.9 10.859 1980	46.6 10.962 1953	60.8 13.927 22967
03-05	MEAN 42.7 S D 11.905 TOTAL OBS 1860	46.2 11.433 1695	51.7 11.063 1860	60.1 8.908 1847	65.6 6.344 1952	71.6 4.351 1890	74.1 2.790 1953	73.5 3.394 1953	68.7 6.365 1980	57.3 9.684 2046	50.1 11.452 1980	45.1 11.510 1953	59.1 14.229 22969
06-08	MEAN 42.0 S D 12.022 TOTAL OBS 1860	45.7 11.633 1694	51.9 11.174 1860	61.7 8.683 1848	68.5 6.653 1953	75.1 5.068 1890	77.0 3.820 1953	75.8 4.251 1953	70.5 6.662 1980	58.4 9.691 2046	50.2 11.506 1980	44.6 11.732 1952	60.3 15.404 22969
09-11	MEAN 47.9 S D 11.687 TOTAL OBS 1860	52.3 11.119 1695	59.7 10.469 1860	70.0 7.472 1848	77.4 6.421 1953	83.9 4.980 1890	85.4 4.389 1953	85.0 4.458 1953	80.6 6.348 1980	70.6 8.306 2046	59.7 10.247 1980	51.3 10.771 1950	68.9 15.790 22968
12-14	MEAN 54.4 S D 11.980 TOTAL OBS 1859	58.6 11.333 1695	63.7 10.535 1860	75.1 7.428 1848	81.8 6.638 1953	87.0 5.522 1889	89.3 5.276 1952	89.4 5.111 1953	85.4 6.558 1976	77.0 7.949 2045	66.6 10.211 1980	57.8 10.862 1953	74.4 15.121 22963
15-17	MEAN 55.3 S D 11.573 TOTAL OBS 1860	59.7 11.058 1694	66.9 10.231 1860	75.7 7.262 1848	81.9 6.765 1953	87.9 6.233 1890	88.4 6.609 1953	88.6 6.228 1953	84.7 6.760 1977	76.7 7.882 2046	66.0 9.947 1980	57.8 10.412 1953	74.4 14.728 22967
18-20	MEAN 50.0 S D 10.813 TOTAL OBS 1859	54.3 10.068 1695	61.4 9.490 1860	70.0 6.966 1848	76.3 6.419 1953	82.4 5.771 1887	83.0 5.652 1953	82.5 5.254 1933	77.6 5.965 1979	67.5 8.111 2045	58.3 9.689 1980	52.0 9.877 1953	68.1 14.363 22965
21-23	MEAN 46.6 S D 11.054 TOTAL OBS 1860	50.2 10.265 1695	56.6 9.505 1859	64.8 7.092 1848	70.4 5.649 1953	76.6 4.422 1887	78.0 3.651 1953	77.5 3.587 1953	72.9 5.443 1980	62.1 8.506 2046	54.0 10.295 1980	48.7 10.426 1953	63.4 13.789 22967
ALL HOURS	MEAN 47.9 S D 12.494 TOTAL OBS 14878	51.9 12.077 13558	58.4 11.776 14879	67.4 9.652 14781	73.7 8.822 15623	79.9 7.962 15113	81.4 7.212 15622	80.9 7.433 15624	76.4 8.814 15832	66.2 11.480 16365	57.1 12.242 15840	50.5 11.888 15620	66.2 15.777 183735

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 DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70

STATION	STATION NAME												YEARS	
HRS IL ST.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	41.8	45.1	50.2	58.9	64.4	70.2	72.6	72.1	67.6	56.7	49.2	44.0	57.9
	S D	11.584	11.038	10.738	8.296	5.936	4.210	2.773	3.339	6.208	9.344	10.850	11.100	13.902
	TOTAL OBS	1860	1694	1860	1846	1953	1890	1952	1953	1980	2042	1980	1953	22963
03-05	MEAN	40.6	43.9	49.0	57.7	63.4	69.2	71.9	71.3	66.4	55.2	47.8	42.9	56.8
	S D	11.952	11.551	11.334	9.010	6.425	4.521	2.863	3.620	6.673	9.854	11.424	11.543	14.286
	TOTAL OBS	1860	1692	1860	1847	1952	1890	1953	1953	1980	2046	1980	1953	22966
06-08	MEAN	40.1	43.5	49.0	58.7	63.1	71.2	73.4	72.5	67.4	55.8	47.8	42.5	57.5
	S D	12.008	11.725	11.385	8.850	6.454	4.492	3.071	3.804	6.689	9.794	11.504	11.732	14.945
	TOTAL OBS	1860	1691	1859	1848	1953	1890	1953	1953	1980	2045	1980	1952	22964
09-11	MEAN	44.0	47.5	53.3	62.6	68.5	73.9	76.2	75.8	71.6	61.9	53.3	46.9	61.5
	S D	11.414	10.932	10.325	7.660	5.735	3.843	2.662	3.170	5.617	8.204	10.157	10.617	13.991
	TOTAL OBS	1860	1693	1860	1848	1953	1890	1953	1953	1980	2040	1980	1950	22962
12-14	MEAN	47.5	50.5	56.0	64.3	69.5	74.4	76.6	76.2	72.4	63.7	56.1	50.2	63.3
	S D	10.928	10.290	9.655	7.181	5.332	3.666	2.533	2.983	5.053	7.455	9.539	10.149	12.782
	TOTAL OBS	1859	1695	1860	1848	1953	1889	1952	1953	1976	2039	1980	1953	22957
15-17	MEAN	48.0	51.0	56.4	64.3	69.3	74.1	76.0	75.8	72.0	63.5	55.7	50.2	63.2
	S D	10.464	9.741	9.198	6.893	5.112	3.603	2.792	2.996	4.783	7.253	9.298	9.792	12.383
	TOTAL OBS	1860	1694	1860	1848	1953	1890	1953	1953	1977	2043	1980	1953	22964
18-20	MEAN	45.3	48.5	54.0	62.3	67.9	73.1	75.1	74.5	70.4	60.7	52.7	47.3	61.2
	S D	10.684	9.861	9.424	7.074	5.210	3.662	2.873	3.028	5.197	8.004	9.882	10.111	13.076
	TOTAL OBS	1859	1695	1860	1848	1953	1887	1953	1953	1979	2043	1980	1953	22963
21-23	MEAN	43.4	46.4	52.0	60.4	65.9	71.5	73.7	73.1	68.7	56.3	50.5	45.4	59.3
	S D	11.172	10.426	9.935	7.577	5.493	3.810	2.751	3.143	5.745	8.670	10.440	10.720	13.511
	TOTAL OBS	1860	1695	1859	1840	1953	1887	1953	1953	1980	2046	1980	1952	22966
ALL HOURS	MEAN	43.8	47.0	52.5	61.2	66.7	72.2	74.4	73.9	69.6	59.4	51.6	46.2	60.1
	S D	11.623	11.042	10.634	8.221	6.135	4.385	3.252	3.730	6.182	9.201	10.867	11.100	13.843
	TOTAL OBS	14878	13551	14878	14781	15623	15113	15622	15624	15832	16344	15840	15619	183705

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70

STATION		STATION NAME												YEARS
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	38.3	41.6	46.8	56.6	62.7	68.7	71.3	70.7	66.0	54.6	46.5	40.8	55.6
	S D	13.529	12.796	12.735	9.476	6.468	4.619	3.106	3.822	6.993	10.346	12.130	12.759	15.288
	TOTAL OBS	1860	1694	1860	1846	1953	1890	1952	1953	1980	2042	1980	1953	22963
03-05	MEAN	37.6	40.9	46.1	55.9	62.1	68.1	70.9	70.2	65.1	53.4	45.4	40.2	54.9
	S D	13.700	13.195	13.062	9.894	6.905	4.925	3.224	4.020	7.297	10.743	12.591	13.001	15.545
	TOTAL OBS	1860	1692	1860	1847	1952	1890	1953	1953	1980	2046	1980	1953	22966
06-08	MEAN	37.2	40.5	46.1	56.5	63.2	69.4	71.9	71.1	65.8	53.7	45.3	39.9	55.3
	S D	13.580	13.343	13.124	10.064	7.144	4.832	3.360	4.153	7.376	10.782	12.790	13.113	16.043
	TOTAL OBS	1860	1691	1859	1848	1953	1890	1953	1953	1980	2043	1980	1952	22964
09-11	MEAN	39.0	42.0	47.3	57.5	63.7	69.6	72.5	72.1	67.3	55.7	47.2	41.8	56.5
	S D	13.904	13.696	13.550	10.442	7.403	4.799	3.366	4.079	7.385	11.336	13.345	13.210	15.890
	TOTAL OBS	1860	1693	1860	1848	1953	1890	1953	1953	1980	2040	1980	1950	22962
12-14	MEAN	39.6	42.1	47.5	57.2	63.0	68.4	71.5	70.7	66.1	54.6	46.8	42.1	56.0
	S D	14.241	13.980	13.530	10.305	7.460	4.914	3.558	4.407	7.550	11.612	13.824	14.094	15.639
	TOTAL OBS	1859	1693	1860	1848	1953	1890	1932	1953	1976	2039	1980	1953	22958
15-17	MEAN	39.7	41.9	47.1	56.8	62.5	68.0	71.0	70.3	63.6	54.3	46.5	42.1	55.7
	S D	14.066	13.543	13.360	10.404	7.437	4.911	3.721	4.533	7.607	11.471	13.579	13.711	15.420
	TOTAL OBS	1860	1694	1860	1848	1953	1890	1953	1953	1977	2043	1980	1953	22964
18-20	MEAN	39.6	42.1	47.2	57.2	63.4	68.9	71.8	71.1	66.7	55.9	47.4	41.9	56.3
	S D	13.441	12.856	12.801	9.624	6.693	4.533	3.360	3.991	6.818	10.201	12.549	12.958	15.187
	TOTAL OBS	1859	1693	1860	1848	1953	1887	1953	1953	1979	2043	1980	1953	22963
21-23	MEAN	39.3	42.1	47.6	57.3	63.5	69.3	71.9	71.2	66.3	55.4	47.0	41.5	56.2
	S D	13.359	12.614	12.368	9.155	6.239	4.256	3.097	3.696	6.784	9.949	12.222	12.802	15.140
	TOTAL OBS	1860	1693	1859	1848	1953	1887	1953	1953	1980	2046	1980	1952	22966
ALL HOURS	MEAN	38.8	41.7	47.0	56.9	63.0	68.8	71.6	70.9	66.1	54.7	46.5	41.3	55.8
	S D	13.770	13.269	13.040	9.966	7.000	4.765	3.391	4.131	7.258	10.851	12.910	13.235	15.531
	TOTAL OBS	14878	13551	14878	14781	15623	15114	15622	15624	15832	16344	15840	15619	183706

ATA PROCESSING INSTRUCTIONS  
 DTIC/USAF  
 AF 64-111-1-1

RELATIVE HUMIDITY

14034 STATION 14034/ALASKA T-1A PERIOD 63-43, 52-70 MONTH 11

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LT)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	24	100.0	99.9	98.2	93.4	82.0	74.0	61.0	44.4	10.1	73.1	14878
FEB	28	100.0	99.9	97.1	95.7	81.8	70.1	56.0	40.3	10.9	71.0	13551
MAR	31	100.0	99.8	95.0	88.9	79.0	66.7	52.9	36.1	12.5	68.8	14877
APR	30	100.0	99.9	95.1	92.5	84.7	72.5	57.9	39.9	14.2	71.6	14701
MAY	31	100.0	100.0	99.6	94.7	84.3	71.8	57.9	41.0	13.5	71.7	15522
JUN	30	100.0	100.0	99.9	97.2	84.4	69.9	53.9	38.7	11.6	71.7	15113
JUL	31	100.0	100.0	99.8	93.1	89.9	76.6	62.3	45.5	10.1	74.7	15622
AUG	31	100.0	100.0	99.7	97.3	88.4	73.4	61.5	44.9	10.1	74.1	15624
SEP	30	100.0	99.8	98.5	94.3	85.7	74.6	62.0	48.2	15.9	73.5	15832
OCT	31	100.0	99.8	95.0	88.5	79.1	68.7	56.7	41.3	15.2	70.3	16344
NOV	30	100.0	99.7	96.5	89.7	80.9	69.7	57.0	40.9	17.8	71.0	15377
DEC	31	100.0	99.7	97.6	92.9	85.1	74.8	61.1	44.7	20.6	73.3	15610
TOTALS		100.0	99.8	98.1	93.2	84.1	72.1	58.6	42.6	15.7	72.7	183703















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AT&B PROFESSIONAL DIVISION  
 ETAC/USAF  
 111 EAST OCEAN BLVD

RELATIVE HUMIDITY

13334  
 STATION

LAKE CHARLES/LA  
 STATION NAME

44-45, 52-70  
 PERIOD

116  
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	00-01	100.0	100.0	100.0	100.0	100.0	99.8	97.5	82.4	27.1	66.6	1953
	03-04	100.0	100.0	100.0	100.0	100.0	99.8	99.3	91.7	44.8	49.5	1953
	05-06	100.0	100.0	100.0	100.0	100.0	99.5	95.2	75.7	24.5	85.8	1953
	07-11	100.0	100.0	100.0	99.1	95.3	69.1	31.7	10.7	2.2	66.3	1953
	12-16	100.0	100.0	98.9	92.1	63.7	27.2	11.4	4.3	1.7	55.8	1953
	15-17	100.0	100.0	98.6	89.0	59.3	34.5	20.0	11.1	3.3	57.1	1953
	18-20	100.0	100.0	99.9	95.3	91.5	73.2	48.4	24.4	0.3	69.9	1953
	21-24	100.0	100.0	100.0	100.0	99.6	97.9	88.5	54.9	15.0	61.4	1953
	TOTALS	100.0	100.0	99.7	97.3	86.4	75.4	51.5	44.9	16.1	74.1	15624









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

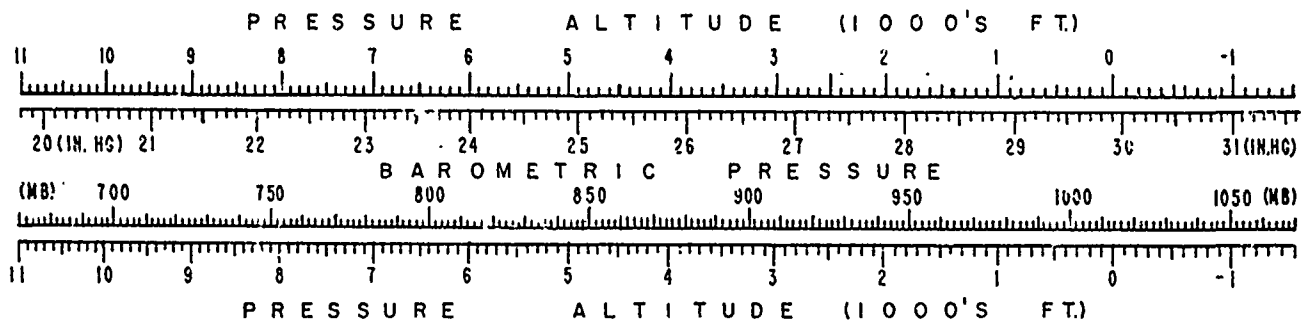
## PART F

## PRESSURE SUMMARY

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

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

1934 ENGLAND AFB LOUISIANA/ALEXANDRIA 52-63,65-70

STATION	STATION NAME	YEARS												
HRS IL ST I		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	30.058	29.998	29.947	29.894	29.887	29.862	29.907	29.885	29.887	29.952	30.014	30.041	29.944
	S D	.184	.190	.183	.151	.109	.082	.067	.070	.086	.122	.169	.183	.154
	TOTAL OBS	495	451	496	480	527	510	558	557	539	558	540	558	6270
03	MEAN	30.054	29.990	29.933	29.878	29.877	29.854	29.900	29.879	29.878	29.946	30.009	30.036	29.936
	S D	.188	.193	.185	.153	.111	.081	.068	.071	.087	.124	.171	.183	.156
	TOTAL OBS	496	451	496	481	527	510	543	558	540	557	540	556	6257
06	MEAN	30.058	29.990	29.954	29.904	29.906	29.885	29.928	29.906	29.900	29.969	30.024	30.041	29.956
	S D	.190	.195	.190	.155	.113	.085	.069	.072	.092	.126	.176	.184	.155
	TOTAL OBS	496	450	496	481	527	510	558	558	540	558	540	558	6272
09	MEAN	30.100	29.990	29.937	29.893	29.932	29.908	29.954	29.931	29.928	30.004	30.062	30.080	29.988
	S D	.193	.201	.195	.159	.115	.087	.070	.073	.096	.129	.178	.187	.160
	TOTAL OBS	496	451	496	481	527	510	543	558	540	558	540	557	6257
12	MEAN	30.077	29.990	29.966	29.917	29.910	29.887	29.934	29.911	29.906	29.972	30.029	30.050	29.964
	S D	.192	.202	.195	.157	.113	.087	.069	.072	.093	.126	.175	.185	.158
	TOTAL OBS	496	451	496	481	527	510	558	558	540	558	540	558	6272
15	MEAN	30.023	29.956	29.904	29.863	29.866	29.846	29.891	29.863	29.856	29.918	29.976	29.998	29.913
	S D	.188	.199	.189	.154	.110	.093	.071	.071	.087	.124	.174	.183	.155
	TOTAL OBS	496	451	496	480	527	510	543	558	539	558	540	558	6256
18	MEAN	30.031	29.959	29.897	29.849	29.845	29.825	29.872	29.848	29.852	29.921	29.987	30.010	29.908
	S D	.185	.194	.182	.149	.108	.091	.071	.072	.086	.123	.173	.180	.156
	TOTAL OBS	496	451	495	482	527	509	558	558	540	558	540	558	6272
21	MEAN	30.051	29.988	29.932	29.883	29.874	29.849	29.894	29.876	29.883	29.951	30.014	30.032	29.935
	S D	.184	.189	.180	.148	.107	.086	.071	.072	.087	.123	.172	.181	.155
	TOTAL OBS	496	451	496	482	527	509	543	557	540	558	540	558	6257
ALL HOURS	MEAN	30.056	29.993	29.940	29.891	29.887	29.865	29.910	29.887	29.886	29.954	30.014	30.036	29.942
	S D	.189	.197	.189	.155	.113	.090	.074	.076	.092	.127	.175	.185	.158
	TOTAL OBS	3968	3607	3967	3848	4216	4078	4404	4462	4318	4463	4520	4463	60114

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DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13934 ENGLAND AFB LOUISIANA/ALEXANDRIA 43-45,52-70

HRS II ST I	STATION NAME												YEARS	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00	MEAN S D TOTAL OBS	1021.2 6.094 620	1019.0 6.467 565	1017.3 6.185 620	1015.6 5.308 599	1015.5 3.701 651	1014.6 2.960 630	1016.0 2.385 651	1015.4 2.417 651	1015.6 2.872 659	1017.9 4.239 681	1019.8 5.661 660	1020.9 6.315 651	1017.4 5.258 7638
03	MEAN S D TOTAL OBS	1021.0 6.240 620	1018.7 6.574 565	1016.8 6.283 620	1015.1 5.407 601	1015.2 3.762 651	1014.3 2.798 630	1015.8 2.406 650	1015.2 2.445 649	1019.3 2.912 660	1017.7 4.297 682	1019.7 5.725 660	1020.7 6.327 651	1017.1 5.334 7639
06	MEAN S D TOTAL OBS	1021.2 6.344 619	1019.1 6.671 564	1017.5 6.479 620	1016.0 5.501 601	1016.2 3.825 651	1015.4 2.905 630	1016.7 2.441 651	1016.1 2.508 651	1016.0 3.038 660	1018.5 4.361 682	1020.2 5.872 660	1020.9 6.391 651	1017.8 5.216 7640
09	MEAN S D TOTAL OBS	1022.6 6.460 620	1020.4 6.820 565	1018.8 6.638 620	1017.1 5.621 601	1017.0 3.888 651	1016.1 2.998 630	1017.6 2.468 651	1017.0 2.537 650	1017.0 3.151 659	1019.7 4.439 682	1021.5 5.932 660	1022.2 6.483 650	1018.9 5.476 7639
12	MEAN S D TOTAL OBS	1021.8 6.431 619	1019.8 6.826 565	1018.0 6.605 620	1016.4 5.572 601	1016.3 3.792 651	1015.5 2.992 630	1016.9 2.440 651	1016.3 2.472 651	1016.2 3.064 660	1018.5 4.303 681	1020.3 5.827 660	1021.1 6.410 651	1018.1 5.381 7640
15	MEAN S D TOTAL OBS	1019.9 6.325 620	1017.6 6.749 565	1015.9 6.349 620	1014.6 5.421 601	1014.8 3.697 651	1014.0 3.137 630	1015.4 2.522 651	1014.6 2.450 651	1014.5 2.914 659	1016.7 4.226 682	1017.6 5.750 660	1019.4 6.322 651	1016.3 5.262 7641
18	MEAN S D TOTAL OBS	1020.2 6.206 620	1017.8 6.533 565	1015.7 6.143 620	1014.1 5.336 602	1014.1 3.663 651	1013.4 3.066 629	1014.8 2.510 651	1014.2 2.469 651	1014.4 2.862 660	1016.9 4.276 681	1019.0 5.728 660	1019.8 6.240 651	1016.2 5.334 7641
21	MEAN S D TOTAL OBS	1020.9 6.157 620	1018.7 6.408 565	1016.8 6.062 620	1015.3 5.280 602	1015.1 3.610 651	1014.2 2.950 629	1015.6 2.452 651	1015.1 2.469 650	1015.4 2.908 659	1017.9 4.242 682	1019.9 5.741 660	1020.6 6.255 651	1017.1 5.279 7640
ALL HOURS	MEAN S D TOTAL OBS	1021.1 6.328 4958	1018.9 6.685 4519	1017.1 6.415 4960	1015.5 5.503 4808	1015.5 3.842 5208	1014.7 3.093 5038	1016.1 2.591 5207	1015.5 2.613 5204	1015.5 3.072 5276	1018.0 4.382 5453	1019.9 5.836 5280	1020.7 6.387 5207	1017.4 5.396 6118