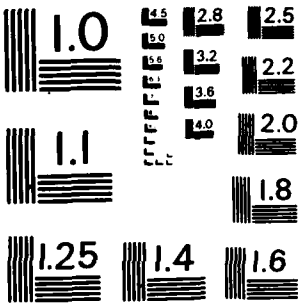
AD-A128 120 BOSCOMBE DOWN UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHER O..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83 1/5

UNCLASSIFIED USAFETAC/DS-83/006 SBI-AD-E850 370 F/G 4/2 NL



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

PHOTOGRAPH THIS SHEET

AD E850370

AD A128120

DTIC ACCESSION NUMBER

II

LEVEL

INVENTORY

USAFETAC/DS-83/006

DOCUMENT IDENTIFICATION

Mar. 83

DISTRIBUTION STATEMENT A

Approved for public release;
Distribution Unlimited

DISTRIBUTION STATEMENT

ACCESSION FOR		
NTIS	GRA&I	☒
DTIC	TAB	☐
UNANNOUNCED		☐
JUSTIFICATION		
BY		
DISTRIBUTION /		
AVAILABILITY CODES		
DIST	AVAIL AND/OR SPECIAL	
A		

DISTRIBUTION STAMP

DTIC COPY INSPECTED 2

DTIC
ELECTE
MAY 9 1983
S D
D

DATE ACCESSIONED

83 05 06 -214

DATE RECEIVED IN DTIC

PHOTOGRAPH THIS SHEET AND RETURN TO DTIC-DDA-2

DTIC FORM OCT 79 70A

DOCUMENT PROCESSING SHEET

AD A 128120

DS # 83/006

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

BOSCOMBE DOWN UK MSC # 037460
N 51 10 W001 45 ELEV: 407 FT EGDM

PARTS A-F HOURS SUMMARIZED: 0000Z-2300Z

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

TIME CONVERSION GMT TO LST 0

23 MAR 1983

"THIS DOCUMENT HAS BEEN APPROVED FOR PUBLIC RELEASE AND SALE; ITS DISTRIBUTION IS UNLIMITED."

FEDERAL BUILDING
ASHEVILLE, N. C.

28 MAR 1983

REVIEW AND APPROVAL STATEMENT

This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by DDC to the National Technical Information Service (NTIS).

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

Wayne E. McCollom

WAYNE E. MCCOLLOM
Chief, Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

Walter S. Burgmann

WALTER S. BURGMANN
AWS Scientific and Technical
Information Officer (STINFO)

UNCLASSIFIED ADE 850 370 UK 037460

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE

READ INSTRUCTIONS BEFORE COMPLETING FORM

1. REPORT NUMBER: USAFETAC/DS 83/006

2. GOVT ACCESSION NO.:

3. RECIPIENT'S CATALOG NUMBER:

4. TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- BOSCOMBE DOWN, UNITED KINGDOM

5. TYPE OF REPORT & PERIOD COVERED: Final rept

6. PERFORMING ORG. REPORT NUMBER:

7. AUTHOR(s):

8. CONTRACT OR GRANT NUMBER(s):

9. PERFORMING ORGANIZATION NAME AND ADDRESS:
USAFETAC/OL-A
Air Force Environmental Technical Appl. Center
Scott AFB, IL 62225

10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS:

11. CONTROLLING OFFICE NAME AND ADDRESS:
USAFETAC/CBD
Air Weather Service (MAC)
Scott AFB, IL 62225

12. REPORT DATE: MAR 83

13. NUMBER OF PAGES:

14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office):

15. SECURITY CLASS. (of this report): UNCLASSIFIED

15a. DECLASSIFICATION DOWNGRADING SCHEDULE:

16. DISTRIBUTION STATEMENT (of this Report)

Approved for public release; distribution unlimited.

17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18. SUPPLEMENTARY NOTES

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

*RUSSWO	Daily temperatures	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative Humidity	*Climatological data	(over)

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report is a six-part statisitical summary of surface weather observations for

BOSCOMBE DOWN, UNITED KINGDOM

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 (over)

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

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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

*UNITED KINGDOM *BOSCOMBE DOWN
*

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

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

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

U.S. AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

[illegible] observations are selected from 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

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

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

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA DATA NOT AVAILABLE

PART B PRECIPITATION DATA [illegible]

SNOWFALL DATA [illegible]

SNOW DEPTH DATA [illegible]

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP DATA NOT AVAILABLE

EXTREME MAX & MIN TEMP DATA [illegible]

PSYCHROMETRIC-DRY VS WET BULB

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

RELATIVE HUMIDITY

PART F STATION PRESSURE DATA NOT AVAILABLE

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: [illegible], 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 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 _____	APRIL _____	JULY _____	OCTOBER _____
FEBRUARY _____	MAY _____	AUGUST _____	NOVEMBER _____
MARCH _____	JUNE _____	SEPTEMBER _____	DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
037460	BOSCOMBE DOWN UK	51 10 N	001 45 W	403	EGDM	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BARO.	
1	Boscombe Down UK	BMO	UNK	DEC 82	51 10 N	001 45 W	403	UNK	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	
		UNKN				

USAFETAC FORM NOV 73 0-19 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CONTINUED ON REVERSE SIDE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A WEATHER CONDITIONS

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

1. By month and annual, all hours and years combined.

2. By month, all years combined, by standard 3-hour groups.

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

Percentage of observations with obstructions to vision - Included in this category are the obs[illegible]ns when one or more of the above obstructions to vision occurred. Since more than one type of obstruc[illegible]y be reported in the same observation, the sums of the individual categories may exceed the percenta[illegible]otal 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.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

[illegible] BOSCOMBE DOWN UK 73-82 JAN

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH LAST VISION	TOTAL NUMBER OBS
JAN	00-02	.1	14.9	.3	2.2		16.1	15.1	12.[illegible]			27.2	[illegible]
	03-05		14.9	.2	2.1		16.5	15.2	8.3			23.6	827
	06-08	.1	16.5	.3	2.7		18.2	14.4	7.2	.1		21.7	884
	09-11		15.7		3.0		17.5	13.3	8.6			21.9	6[illegible]
	12-14		17.6	.1	2.6		19.7	7.4	10.8			16.3	876
	15-17		15.2		2.4	.1	16.6	5.7	12.8			18.5	863
	18-20		16.0	.1	1.5	.1	17.2	9.1	14.8	.2		24.2	886
	21-23		16.2	.2	1.8		17.6	12.6	14.6	.1		27.5	884
TOTALS		.0	15.9	.2	2.3	.0	17.5	11.6	11.1	.1		22.9	7760

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] DECOMBE [illegible] 73-[illegible] FEB

STATION | STATION NUMBER | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR	RAIN AND/OR DRIZZLE	FREEZING RAIN AND/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 NUMBER OF OBS
FEB	00-02	14.4	.8	3.5		18.1	14.3	23.3	.1		37.7	832
	03-05	17.7	1.7	4.1		22.5	17.7	20.4			38.1	837
	06-08	16.3	1.0	3.2		21.7	18.0	20.4	.1		38.6	837
	09-11	20.1	.4	3.2		23.2	11.2	23.6	.6		35.4	836
	12-14	17.7	.4	3.8		21.8	2.8	19.1	.4		22.2	824
	15-17	20.3	.4	2.5		22.9	1.9	18.9	.2		21.[illegible]	827
	18-20	16.7	.4	2.9		21.1	4.3	25.5	.1		30.0	831
	21-23	16.1	1.2	3.6		20.0	8.5	23.2			31.7	836
TOTALS		17.9	.8	3.4		21.4	9.8	21.8	.2		31.8	6653

USAFETAC FORM JULY 68 0-10 5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
3746G	LOSCOMBE DOWN UK	73-82	MAR

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAR	00-02		18.4		2.0		19.5	8.3	19.0			27.3	909
	03-05		20.9		2.8		22.4	13.0	17.7			30.7	906
	06-08		20.6		3.7	.1	23.0	14.6	15.4			29.9	912
	09-11		20.9		3.5		23.1	2.6	15.0			17.8	906
	12-14		19.9		2.0		21.2	.2	13.5			13.7	906
	15-17	.1	22.6		1.6		24.0		12.0			12.0	917
	18-20	.1	19.8		2.0	.1	20.9	1.2	16.0			17.2	920
	21-23		16.4		2.0	.1	17.8	3.6	18.2			21.6	912
TOTALS		.0	19.9		2.5	.0	21.5	5.5	15.9			21.3	7281

USAFETAC FORM JULY 64 0 10 5101 A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

[illegible] BOSCOMBE DOWN UK 73-82 APR

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH VIS TO 1 MILE	TOTAL NO. OF OBS
APR	00-02		9.7		.8		10.2	7.2	17.8			25.0	983
	03-05		9.7		.8		10.3	12.3	21.4			33.7	978
	06-08		12.7		.9	.1	13.5	8.0	25.3			33.3	882
	09-11		13.6		.5	.1	13.7	1.5	17.6			19.1	884
	12-14	.1	11.5		.1	.1	11.6	.1	10.6			10.7	870
	15-17		10.4		.3	.1	10.9		7.3			7.3	881
	18-20	.1	9.2		.6		9.6	.2	14.5			14.7	884
	21-23	.1	9.8		.5		10.3	3.0	18.8			21.9	886
TOTALS		.0	10.8		.6	.1	11.3	4.0	16.7			20.7	7048

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	MAY

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02	.2	12.3				12.3	9.9	12.6			22.5	916
	03-05	.1	11.6				11.6	19.0	15.1			34.1	921
	06-08	.3	13.3				13.3	8.3	17.8			26.1	909
	09-11	.1	13.3				13.3	.1	12.1			12.2	910
	12-14		11.9		.3	.1	12.1		6.3			6.3	898
	15-17	.4	11.8			.1	11.9		4.8			4.6	916
	18-20	.6	12.1		.2		12.1	1.1	6.5			7.6	904
	21-23	.2	11.2				11.2	3.9	13.2			17.1	918
TOTALS		.2	12.2		.1	.0	12.2	5.3	11.1			16.3	7292

USAFETAC FORM JULY 64 0 10 5(OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
17460	BOSCOMBE DOWN UK	73-82	JUN

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02	.9	9.3				9.3	11.0	13.2			24.2	873
	03-05	.3	10.9				10.9	19.3	14.5			33.8	875
	06-08	.2	12.1				12.1	7.8	15.9			23.7	868
	09-11		11.9				11.9	.3	8.9			9.2	869
	12-14	.5	8.6				8.6	.3	5.0			5.3	863
	15-17	.2	9.3				9.3		5.7			5.7	873
	18-20	.9	9.1			.1	9.2		5.0			5.0	878
	21-23	.6	9.5				9.5	3.8	11.2			15.0	873
TOTALS		.5	10.1			.0	10.1	5.3	9.9			15.2	6971

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
037460	BOSCOMBE DOWN UK	73-82	JUL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	00-02	.4	8.7				8.7	8.8	11.6			20.4	896
	03-05	.9	9.9				9.9	14.2	13.5			27.7	903
	06-08	.3	11.6				11.6	4.4	14.3			18.7	881
	09-11	.2	9.8				9.8	.6	6.6			7.1	899
	12-14	.1	8.3				8.3		3.3			3.3	871
	15-17	.8	7.4				7.4		1.7			1.7	901
	18-20	.3	6.7				6.7		3.8			3.8	885
	21-23	.4	8.3				8.3	1.6	12.3			13.9	893
TOTALS		.4	8.8				8.8	3.7	8.4			12.1	7129

USAFETAC FORM JULY 64 0 10 5 (OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
03760	BOSCOMBE DOWN UK	73-82	AUG

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02	.6	11.6				11.6	12.2	18.1			30.3	877
	03-05	.3	12.7				12.7	26.4	14.5			40.9	903
	06-08	.3	12.5				12.5	16.9	17.0			33.8	878
	09-11	.2	9.0				9.0	.8	14.1			14.9	901
	12-14	.2	9.0				9.0		7.7		.1	7.8	893
	15-17	.6	9.6				9.6		7.8			7.8	886
	18-20	1.0	11.4				11.4	.1	11.1			11.2	881
	21-23	.7	10.6				10.6	4.0	20.2			24.2	893
TOTALS		.5	10.8				10.8	7.6	13.8		.0	21.4	7112

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
37460	BOSCOMBE DOWN UK	73-82	SEP

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02	.2	13.9				13.9	16.5	11.4			26.0	883
	03-05		13.8				13.8	23.8	10.2			34.1	881
	06-08	.1	13.0				13.0	20.4	10.7			31.1	868
	09-11	.2	13.3				13.3	2.6	11.4			14.0	880
	12-14		9.1				9.1		6.6			6.6	875
	15-17	.3	13.9			.1	14.0	.1	6.9			7.1	879
	18-20	.5	12.6				12.6	1.5	12.6			14.1	878
	21-23	.6	13.8				13.6	10.5	14.2			24.7	879
TOTALS		.2	12.9			.0	12.9	9.4	10.5			20.0	7023

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

037460 BOSCOMBE DOWN UK 73-82 OCT

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02		13.0				13.0	22.7	9.4			32.1	922
	03-05		16.0				16.0	26.3	7.0			33.2	918
	06-08		16.7				16.7	26.3	8.1			34.4	917
	09-11	.1	18.0				18.0	9.0	12.0			21.0	902
	12-14		16.2				16.2	.9	11.4			12.3	895
	15-17		18.1				18.1	.8	11.5			12.3	904
	18-20		17.2				17.2	6.4	16.0			22.5	917
	21-23	.3	15.6				15.6	13.9	12.4			26.3	911
TOTALS		.1	16.4				16.4	13.3	11.0			24.3	7286

USAFETAC FORM MAY 64 0-10-5/OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	NOV

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02		15.1		.7		15.2	14.4	9.6			24.[illegible]	886
	03-05		19.3		.3		19.3	14.9	9.3			24.3	890
	06-08		18.3		.3		18.3	16.2	9.9			26.2	887
	09-11		15.6		.4		15.8	10.0	10.3			20.3	891
	12-14		18.5		.9		18.7	3.7	8.1			11.8	881
	15-17		18.2		.3		18.2	4.3	10.2			14.5	890
	18-20		14.6		.6		14.8	6.1	11.0			19.1	889
	21-23		15.5		.4		15.5	12.0	12.6			24.6	890
TOTALS			16.9		.5		17.0	10.5	10.1			20.6	7104

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	DEC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH LEST TO VISION	TOTAL NO OF OBS
DEC	00-02		17.4		2.0		18.6	14.4	11.8			26.2	915
	03-05		19.4		2.1		20.6	14.7	12.0	.1		26.9	916
	06-08	.1	18.9		2.5		20.6	14.5	10.5	.2		25.2	916
	09-11		18.7		2.0		20.3	10.1	12.7	.2		23.0	921
	12-14		16.1		1.4		17.5	5.3	13.4			18.7	905
	15-17	.1	17.2		1.6		18.6	7.0	14.0			21.0	919
	18-20		18.1		1.7		19.3	10.4	15.5			25.9	922
	21-23		18.2		1.6		19.4	13.4	13.9			27.3	922
TOTALS		.0	18.0		1.9		19.4	11.2	13.0	.1		24.3	7336

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.0	15.9	.2	2.3	.0	17.5	11.6	11.1	.1		22.9	7060
FEB			17.9	.8	3.4		21.4	9.8	21.8	.2		31.8	6653
MAR		.0	19.9		2.5	.0	21.5	5.5	15.9			21.3	7281
APR		.0	10.8		.6	.1	11.3	4.0	16.7			20.7	7048
MAY		.2	12.2		.1	.0	12.2	5.3	11.1			16.3	7292
JUN		.5	10.1			.0	10.1	5.3	9.9			15.2	6971
JUL		.4	8.8				8.8	3.7	8.4			12.1	7129
AUG		.5	10.8				10.8	7.6	13.8		.0	21.4	7112
SEP		.2	12.9			.0	12.9	9.4	10.5			20.0	7023
OCT		.1	16.4				16.4	13.3	11.0			24.3	7286
NOV			16.9		.5		17.0	10.5	10.1			20.6	7104
DEC		.0	18.0		1.9		19.4	11.2	13.0	.1		24.3	7336
TOTALS		.2	14.2	.1	.9	.0	14.9	8.1	12.8	.0	.0	20.9	85295

PART A ATMOSPHERIC PHENOMENA

DATA NOT AVAILABLE

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

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

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

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

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

DATA NOT AVAILABLE

B

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.

2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

DATA NOT AVAILABLE	EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
DATA NOT AVAILABLE	EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
	EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

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

NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.

(2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.

(3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 57	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.

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

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

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

C

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOUCOMBE DOWN UK	73-82	JAN

CLASS: ALL WEATHER

HOURS (LST): 0000-2300

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.7	1.9	.9	.2	.3						4.2	10.4
NNE	.1		.3	.1								.6	7.6
NE	.3	.2	.5	.5								1.5	7.9
ENE		.5	.7	1.0	.7	.3						3.2	13.4
E	.5	.6	1.9	.7	.5	.3						4.4	10.4
ESE	.3	1.1	1.2	1.0	.2	.3						4.3	10.2
SE	.3	1.2	2.2	1.0	.1	.1						5.0	8.4
SSE	.6	1.0	1.4	1.0	.8	.5						5.2	11.0
S	.3	1.6	3.3	2.5	1.9	1.1	.3	.1				11.2	13.4
SSW		1.7	1.8	2.8	.3	.2	.5					7.4	11.5
SW	.1	.1	2.2	2.3	1.1	.6						6.2	12.8
WSW	.1	1.9	2.8	2.5		.1						7.5	9.3
W	.9	2.4	3.2	5.8	2.2	.7						15.1	11.4
WNW	1.7	3.1	.8	2.3	1.5	.6	.1					12.0	9.9
NW	1.4	1.0	1.4	1.4	.2							5.3	7.0
NNW	.6	1.1	.8	.9	.2							3.6	8.1
VARBL													
CALM												5.1	
	7.4	18.3	26.4	26.7	10.0	5.1	.9	.1				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 882

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	JAN

CLASS	HOURS (L S T)
ALL WEATHER	0300-0600

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.3	1.1	1.7	.2	.5						3.3	10.6
NNE	.3	.2	.3	.1								1.5	7.0
NE		.8	.5	.8	.1							2.1	9.[illegible]
ENE	.2	.1	.8		.8	.2						2.1	13.4
E	.5	1.4	3.4	.6	.7	.5						6.3	10.0
ESE	.5	.3	1.8	.9	.1	.3						3.9	1[illegible].0
SE	.6	1.2	2.1	1.0	.3			.1				5.4	9.1
SSE	.2	1.2	1.1	.8	.6	.2	.2					4.4	11.2
S	.6	.6	2.6	2.4	1.8	1.2	.5					9.6	13.9
SSW	.7	.3	1.7	1.9	1.2	.6	.3					6.8	13.0
SW	.1	.3	2.9	2.4	1.6	.3						7.9	12.5
WSW	.6	1.8	2.5	2.6	.2	.1						7.8	9.0
W	1.0	2.9	3.6	6.7	1.9	.2						15.7	10.5
WNW	.9	1.7	1.5	2.6	1.4	.3						8.3	11.0
NW	1.0	1.5	2.7	.9								6.1	7.4
NNW	.7	.3	1.4	1.1								3.5	8.4
VARBL													
CALM												4.4	
	8.0	15.6	30.4	25.0	10.9	4.5	1.0	.1				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 687

USAFETAC FORM JUL 64 0-4-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
40	BOSCOMBE DOWN UK	73-82	JAN

CLASS: ALL WEATHER

HOURS (LST): 0600-0800

CONDITION:

SPEED KNTS / DIR	1 - 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	.6	1.6	.8	.3							4.1	8.4
NNE	.1	.5	.8	.1								1.5	7.2
NE	.3	.5	.1	.3	.1							1.4	7.2
ENE	.3	.9	.8	1.1	.8							4.[illegible]	10.9
E	.2	.3	2.9	.8	.7	.6						5.5	11.6
ESE	.1	.3	1.0	1.6	.1	.1						3.3	10.6
SE	.1	.5	1.7	1.0	.8	.2						4.3	11.9
SSE	.1	.8	2.0	.5	.8	.1						4.3	10.5
S	.5	1.6	4.2	2.0	1.7	1.5						11.4	12.2
SSW	.3	.7	2.7	1.7	.2	.9	.2					6.8	11.9
SW	.7	.6	1.7	1.8	2.3	.1						7.1	12.4
WSW	.5	.7	3.3	2.1	.3	.2						7.1	10.2
W	.7	1.5	4.4	5.5	1.8	.5						14.4	11.3
WNW	1.0	2.8	2.1	2.5	1.8	.1						10.4	10.1
NW	1.2	1.8	1.0	1.2								5.3	6.8
NNW	.5	.3	1.8	1.6								4.2	9.6
VARBL													
CALM												5.0	
	7.5	14.3	32.2	24.8	11.8	4.3	.2					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 884

USAFETAC FORM JUL 64 0-R-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7450 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
JAN — 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	.5	1.5	1.0	1.5	.2							4.7	8.7
NNE	.2	.3	.9									1.5	6.5
NE	.1	.1	.5	.5	.1							1.2	10.5
ENE	.5	.5	1.6	1.0		.1						3.6	9.0
E	.5	1.0	2.6	1.8	1.1	.5						7.5	11.2
ESE	.1	.3	1.1	1.0		.1						2.7	10.0
SE	.0	.6	.5	1.1	.6	.3						3.4	11.9
SSE		1.2	2.5	.7	.2	.7						5.3	10.7
S	.7	2.4	4.0	2.3	1.9	1.1	.1					12.5	11.6
SSW	.5	.6	1.7	2.0	1.2	.6	.1					6.7	12.3
SW	.6	.8	1.7	2.8	1.7	.6	.2					8.4	13.1
WSW	.7	.9	2.2	3.2	.5	.2						7.6	10.3
W	.9	1.5	1.9	8.2	1.7	.8	.3					15.3	12.8
WNW	1.1	1.1	1.7	1.9	1.2	.3						7.5	10.7
NW	.7	1.1	.8	.6	.2							3.4	7.0
NNW	.7	.7	1.4	1.7								4.4	9.1
VARBL													
CALM												4.1	
	8.0	14.7	26.0	30.3	10.8	5.3	.8					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 880

USAFETAC FORM JUL 64 5421 DL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
03760	BOSCOMBE DOWN UK	73-82	JAN

CLASS: ALL WEATHER

HOURS (L S T): 1200-1400

CONDITION:

SPEED (KNTS) DIR.	1 - 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	.8	2.2	1.4	.6							5.4	9.8
NNE	.2	.2	1.5	.6								2.5	8.2
NE	.3	.2	.6	.8	.1							2.1	9.8
ENE	.3	.7	.9	.5		.2	.1					2.7	9.3
E	.2	.8	2.4	1.8	1.0	.2						6.5	11.4
ESE	.2	.1	.6	.6	.1							1.6	10.3
SE	.6	.3	1.0	1.1	.2	.5		.1				4.3	12.5
SSE	.1	.5	.3	2.1	.5	.2	.2					3.9	13.7
S	1.1	1.7	2.7	4.6	1.4	1.7						13.2	12.1
SSW	.2	.5	1.6	2.7	1.6	.8	.1					7.5	14.0
SW	.2	.6	.8	2.3	1.4	.5	.3		.1			6.2	15.0
WSW	.7	.9	1.9	2.9	.2							6.6	9.9
W	.6	2.2	4.5	7.3	3.2	1.3						18.9	12.6
WNW	.9	.3	1.4	3.0	2.3	1.1	.6					9.6	14.7
NW	.5	.5	1.0	1.5	.6	.6						4.6	12.1
NNW	.5	.5	.7	1.0	.3							3.0	9.9
VARBL													
CALM												1.7	
	7.2	10.7	24.1	34.0	13.5	7.2	1.4	.1	.1			100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 876

USAFETAC FORM JUL 64 1793 OLD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	JAN

CLASS	HOURS (LST)
ALL WEATHER	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	1.7	1.0	1.5	.3							5.1	8.8
NNE	.7	.6	1.0	.3								2.6	6.7
NE	.2	.5	.2	.8								1.7	8.8
ENE	.5	.2	.6	.3	.2	.3						2.2	11.1
E	.5	.9	1.2	1.9	1.1	.5						6.1	11.9
ESE	.3	.8	.6	.6		.1						2.4	8.2
SE	.1	1.[illegible]	.7	2.0	.3	.2						4.4	11.5
SSE	.5	.2	.2	1.5	.5	.1						2.9	11.6
S	.7	2.7	2.4	4.6	1.9	.6	.2					13.1	11.7
SSW	.7	.3	2.2	1.5	.7	.5	.1					5.9	11.8
SW	.1	.5	1.8	2.6	1.0	.1	.5	.2				6.8	14.1
WSW	.2	1.1	3.2	2.7	.2	.1		.1				7.7	10.2
W	.6	2.5	4.2	8.5	1.1	1.0	.3	.1				18.3	12.3
WNW	.7	1.7	2.5	3.9	1.5	1.1						11.3	12.0
NW	.5	.8	1.2	1.2	.1	.6						4.4	10.5
NNW	.3	.7	.9	1.4		.2						3.5	10.0
VARBL													
CALM												1.5	
	7.0	16.2	23.9	35.3	9.1	5.4	1.1	.5				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 883

USAFETAC FORM JUL 64 0-R-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
3245	BOSCOMBE DOWN UK	73-82	JAN

CLASS: ALL WEATHER

HOURS (L S T): 1800-2000

CONDITION:

SPEED KNTS. DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.2	1.0	1.5								5.0	7.5
NNE	.3	.2	1.0	.3								1.9	7.5
NE	.1	.2	.7	.5								1.5	9.2
ENE	.5	.5	.5	.6	.2	.3						2.5	10.6
E	.7	.8	1.4	1.5	1.5	.1						5.9	11.5
ESE	.1	.5	1.1	1.5	.7							3.8	11.4
SE	.3	.6	.7	1.2	.9	.1						3.8	11.7
SSE	.2	.7	.9	1.5	.6	.2						4.1	11.7
S	.3	1.7	3.7	2.4	1.5	1.2	.1					10.9	12.2
SSW	.2	1.6	3.8	2.6	1.2							9.5	10.2
SW	.1	.2	2.3	2.8	.7	.2	.1	.2				6.7	12.9
WSW	.6	1.2	3.2	2.6		.3						7.9	9.9
W	1.9	2.7	5.1	4.3	1.6	1.0	.3	.1				17.0	10.9
WNW	1.0	2.6	1.8	2.3	1.1	.7						9.5	10.2
NW	.3	1.4	.9	.8	.2	.2						3.8	9.1
NNW	.5	.9	.9	.6		.1	.2					3.2	9.3
VARBL													
CALM												3.0	
	8.5	16.9	28.9	26.7	10.2	4.6	.8	.3				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 886

USAFETAC FORM 0-1 OCT 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]46C	BOSCOMBE DOWN UK	73-82	JAN

CLASS: ALL WEATHER

HOURS (LST): 2100-2300

CONDITION:

SPEED (KNTS) / DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	.2	.7	1.2		.2						3.1	10.4
NNE	.1	.6	.9									1.6	7.3
NE	.1	.1	.6	.5	.1	.1						1.5	10.6
ENE	.1	.5	.5	1.2		.2						2.5	12.2
E	.6	1.1	1.8	1.1	1.2							5.9	10.3
ESE	.1	.7	1.5	1.1	.6	.2						4.2	11.4
SE	.7	.7	1.7	1.5	.2							4.3	9.1
SSE	.6	.5	.5	.9	.9	.2	.1					3.7	12.1
S	.5	2.1	4.5	1.9	1.7	1.0	.6					12.3	12.2
SSW	.5	.6	2.4	2.1	1.1	.2						6.9	11.3
SW	.3	.9	4.1	3.3	.9	.1						9.6	10.4
WSW	.7	.9	1.9	2.6	.1	.1						6.3	9.7
W	1.1	2.0	3.5	6.4	1.4	.8	.1	.1				15.5	11.6
WNW	1.8	2.3	2.3	1.1	1.2	.1	.2	.1				9.2	9.5
NW	.9	1.2	1.1	1.0	.5							4.5	8.0
NNW	.6	.8	.8	1.1	.1							3.4	8.6
VARBL													
CALM												4.8	
	9.2	15.3	28.6	27.3	10.1	3.6	1.0	.2				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 884

USAFETAC FORM JUL 64 7684 OLR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
0740	BOSCOMBE DOWN UK	73-82	JAN

CLASS: ALL WEATHER

HOURS (LST): ALL

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.9	1.3	1.2	.2	.1						4.4	9.3
NNE	.3	.3	.9	.2								1.7	7.3
NE	.2	.3	.4	.6	.1	.0						1.6	9.1
ENE	.3	.5	.8	.7	.3	.2	.0					2.9	11.1
E	.4	.9	2.2	1.3	1.0	.3						6.1	11.0
ESE	.2	.5	1.1	1.0	.2	.2						3.3	10.4
SE	.4	.5	1.3	1.3	.4	.2		.0				4.4	10.6
SSE	.3	.8	1.1	1.1	.6	.3	.1					4.2	11.5
S	.5	1.8	3.4	2.8	1.7	1.2	.2	.0				11.8	12.3
SSW	.4	.9	2.2	2.2	1.0	.5	.2					7.0	11.9
SW	.3	.5	2.2	2.5	1.3	.3	.1	.1	.0			7.3	12.8
WSW	.5	1.2	2.6	2.6	.2	.2		.0				7.3	9.5
W	1.0	2.2	3.8	6.5	1.9	.8	.1	.0				16.3	11.7
WNW	1.1	2.0	1.8	2.4	1.5	.6	.1	.0				9.5	11.0
NW	.8	1.2	1.3	1.1	.2	.2						4.7	8.6
NNW	.5	.7	1.1	1.2	.1	.0	.0					3.6	9.1
VARBL													
CALM												3.7	
	7.8	15.2	27.6	28.8	10.8	5.0	.9	.2	.0			100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 7060

USAFETAC FORM JUL 64 0-4-5 OLD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
3[illegible]40	LOSCOMBE DOWN UK	73-82	FEB

CLASS: ALL WEATHER

HOURS (LST): 0000-2300

CONDITION:

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.2	.5	.5	.1							2.8	7.3
NNE	.2	1.3	1.6	1.1								3.6	8.5
NE	.1	.5	1.2	1.4	.1							3.4	9.9
ENE	.1	1.3	2.3	2.8	.4							6.9	10.3
E	.7	2.4	4.2	5.3	1.4	.6						14.7	11.1
ESE	.2	.7	1.2	2.2								4.3	9.6
SE	.4	.4	1.6	2.0	.5							5.3	10.3
SSE	.4	1.4	1.8	.8	.2	.4						5.3	9.3
S	.2	1.6	4.6	4.1	1.4	.2	.4					12.9	11.7
SSW	.4	.2	.8	2.3	.5	.2	.1	.1				4.7	13.1
SW		.1	1.0	1.6	1.1	.4	.2					4.3	15.1
WSW	.2	1.1	2.9	1.8	.2							6.2	9.5
W	.2	1.0	2.9	3.5	.1	.1						7.8	10.5
WNW	1.1	.6	1.7	1.4	.1	.2						5.2	8.9
NW	1.1	1.1	.8	.4	.1							3.5	6.3
NNW	.5	.6	.1	.2	.1							1.6	7.1
VARBL													
CALM												8.3	
	6.4	15.4	29.1	31.4	6.5	2.2	.7	.1				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 832

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	FEB

CLASS: ALL WEATHER

HOURS (LST): [illegible]-2300

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.4	1.1	.5								3.5	6.9
NNE			1.3	.3	.2							2.4	11.5
NE		.7	1.2	1.0	.1							3.0	9.6
ENE	.1	.6	3.1	2.9	.7							7.5	10.7
E	.[illegible]	1.7	6.3	4.9	.7	.5	.2					14.5	10.9
ESE	.[illegible]	1.1	.8	1.9								4.2	9.2
SE	.2	.3	1.2	1.9	.1							4.[illegible]	9.6
SSE	.1	1.1	1.3	.8	.4							5.7	9.3
S	.5	1.4	4.3	3.1	1.7	.7						11.9	11.2
SSW	.4	.2	1.6	2.0	.8	.2		.4				5.7	12.9
SW	.4	.4	1.4	1.1	1.3	.5						[illegible]	13.[illegible]
WSW	.4	.6	2.3	2.2	.1							5.5	9.7
W	.7	1.3	3.7	1.4	.1							7.3	8.5
WNW	1.2	1.1	2.2	1.4	.1	.6						6.6	9.1
NW	1.3	1.1	1.1	.4								3.5	6.1
NNW	.5	1.[illegible]	.1									1.5	4.5
VARBL													
CALM												9.3	
	6.9	14.6	33.1	26.5	6.5	2.5	.2	.4				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 6[illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] BOUCOMBE DOWN UK — STATION / STATION NAME
73-82 — YEARS
FEB — MONTH
ALL WEATHER — CLASS
[illegible] — HOURS LST
CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56	%	MEAN WIND SPEED
N	.4	1.2	1.7	.6	.1							[illegible]	[illegible]
NNE	.1	.6	1.[illegible]	.6								4.3	[illegible]
NE	.4	.2	1.4	1.2	.2	.7						5.7	1[illegible]
ENE	.2	.5	2.7	4.5	.2							[illegible].4	1[illegible]
E	.2	2.4	5.3	6.3	.7	.5						1[illegible].4	1[illegible]
ESE	.7	1.1	1.1	2.4								5.3	[illegible]
SE	.2	.8	1.1	1.4								3.6	[illegible]
SSE	.5	.8	1.2	1.4		.4						4.3	1[illegible]
S	.2	1.1	6.0	3.6	1.6							1[illegible].2	11.1
SSW	.1	.5	2.3	1.9	.7	.6		.4				[illegible]	1[illegible]
SW	.1	.6	2.2	1.7	1.5	.1	.1					[illegible].7	11.[illegible]
WSW	.5	.8	1.2	1.3								[illegible]	[illegible]
W	.5	1.4	1.6	2.4	.4							[illegible]	9.5
WNW	.6	1.8	1.6	1.2	.2	.4						5.7	9.1
NW	1.7	1.[illegible]	.8	.1	.1							[illegible]	[illegible]
NNW	.1	.5	.5	.1	.1							1.[illegible]	[illegible]
VARBL													
CALM												[illegible].5	
	5.9	15.5	30.5	31.2	5.7	2.2	.1	.4				1[illegible]	[illegible].3

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible]

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] — [illegible]COMBE DOWN UK — 73-8[illegible] — FEB
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [illegible]00-11[illegible]
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	.4	.2	1.5	.7	.4							3.[illegible]	9.1
NNE		.4	.6	.7								1.[illegible]	8.4
NE	.4	.6	5.3	1.7	.1	.2						8.3	1[illegible]
ENE	.4	.5	2.8	7.4	1.2							7.2	10.3
E	.7	2.[illegible]	4.1	6.6	2.[illegible]	.1						15.3	11.[illegible]
ESE	.4	.7	1.7	1.7	.2							4.7	9.[illegible]
SE	.8	1.3	1.6	3.4								8.7	9.[illegible]
SSE	.5	1.4	1.8	2.8	.5	.5						7.1	10.2
S	.3	1.1	3.7	4.3	1.4	.3		.3				11.[illegible]	11.6
SSW	.4	.6	1.3	2.3	1.1	.1	.1	.5				6.3	14.4
SW	.1	.1	1.3	1.3	.7	.2						3.8	12.7
WSW	.4	1.2	.8	1.6	.3							4.4	9.4
W	.1	1.2	1.8	3.3	1.2							7.7	11.6
WNW	1.0	.8	2.0	.8	.6	.4						5.6	9.6
NW	.1	.4	.8	.8								3.1	7.2
NNW	.3	1.[illegible]	1.0	.2	.1							2.[illegible]	7.6
VARBL	—	—	—	—	—	—	—	—	—	—	—	3.[illegible]	
CALM	—	—	—	—	—	—	—	—	—	—	—		
	7.[illegible]	14.1	29.1	33.9	9.8	1.[illegible]	.1	.7				100.[illegible]	1[illegible].3

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	LOSCOMBE DOWN UK	73-82	FEB

CLASS	HOURS (LST)
ALL WEATHER	1200-1400

CONDITION

SPEED KNOTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.5	1.[illegible]	.8	.8							4.[illegible]	9.9
NNE	.1	.4	1.3	.3								2.7	9.3
NE		1.1	1.9	1.1	.4	.4						4.9	1[illegible].6
ENE		.5	1.3	3.3	.8	.2						6.5	12.7
E	.7	1.7	2.4	5.9	1.3	.1						11.[illegible]	11.9
ESE	.4	.7	1.3	3.5	.5	.2						6.7	11.5
SE	.4	.7	1.5	2.8	.6							5.9	10.9
SSE	.6	.9	2.3	2.2	.5							6.4	9.7
S	1.2	1.5	2.2	5.1	1.5	.6	.4	.4				12.7	13.[illegible]
SSW	.1	.2	1.2	1.9	.8	.4		.2				5.0	14.8
SW		.2	.8	2.1	2.1		.1					5.3	14.6
WSW	.2	.6	1.0	3.4		.2						5.5	11.2
W	.8	1.7	1.5	4.0	1.8	.4						1[illegible].2	11.5
WNW	.1	1.[illegible]	1.3	2.2	1.0	.5	.1					6.2	12.9
NW	.4	.2	.6	.6	.2	.2						2.3	10.[illegible]
NNW		1.5	1.5	.8	.4							3.6	9.9
VARBL													
CALM												1.[illegible]	
	4.5	13.1	23.2	4[illegible].7	12.7	3.3	.6	.6				100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 824

USAFETAC FORM [illegible] JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CLIMATOLOGY BRANCH
AFGWC/TAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] COLCOMBE DOWN UK — STATION / STATION NAME
73-82 — YEARS
FEB — MONTH
ALL WEATHER — CLASS
1500-1700 — HOURS LST
CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.7	1.2	.7	.2							3.5	8.9
NNE	.1	.6	1.2	1.0								2.9	8.8
NE		1.1	2.5	1.5	.7							5.3	10.1
ENE	.1	.7	2.1	2.3	.7	.4						6.3	11.9
E	.6	1.5	2.8	4.7	1.0							10.6	10.4
ESE	.6	.5	1.5	2.5	.2	.4						5.4	11.5
SE		1.5	1.6	2.8	.2							6.2	10.5
SSE	.7	.3	1.8	2.5	.2	.1						5.4	10.5
S	.7	1.0	3.5	5.4	1.5	.6	.1					12.3	11.6
SSW		.1	.6	2.8	1.6	.1	.1	.2				5.6	15.6
SW	.2	.2	.2	2.2	2.1	.2	.1					5.3	15.4
WSW	.1	1.2	.4	1.6	.5							3.7	10.4
W	.1	1.8	2.7	4.6	2.2	.6						12.2	12.4
WNW	.5	1.0	1.3	1.8	1.2							5.8	11.0
NW	.1	.5	1.1	.5	.5	.1						2.8	10.7
NNW	.2	1.0	1.3	.8	.1							3.5	8.6
VARBL													
CALM												1.9	
	4.5	14.6	25.9	37.2	12.5	2.8	.4	.2				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 827

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4 [illegible] DESCOMBE DOWN UK — STATION / STATION NAME
73-82 — YEARS
FEB — MONTH
ALL WEATHER — CLASS
[illegible] — HOURS LST
CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.5	1.6	.6								4.7	6.9
NNE	.1	1.1	1.1	.2	.2							3.8	6.2
NE	.4	.6	1.2	1.7	.5							4.3	9.0
ENE	.5	1.1	2.7	1.9	.6							6.1	1[illegible]
E	1.2	2.3	2.6	3.6	1.8	.4						12.0	13.4
ESE	.6	1.7	1.3	2.3	.2	.1						5.5	9.5
SE	.5	1.3	2.8	2.2	.4	.1	.1					7.8	[illegible]
SSE		[illegible]	2.2	1.3	.1	.2						6.9	9.1
S	.2	1.3	4.3	4.6	.7	.6						11.8	11.4
SSW			1.7	3.7	1.2	.6	.1					8.6	14.2
SW		.4	2.2	1.3	.6							4.5	11.0
WSW		1.1	1.7	2.3								5.1	9.8
W	.6	1.4	2.3	3.1	.7	.7	.2	.1				8.5	11.8
WNW	.6	.8	1.4	1.9	.5							5.3	9.7
NW	.1	.6	.8	.7								2.3	6.9
NNW	.1	1.1	.2	.1	.4							1.9	7.9
VARBL													
CALM												3.9	
	[illegible]	18.4	29.6	3[illegible].9	7.9	2.8	.5	.1				100.0	10.[illegible]

TOTAL NUMBER OF OBSERVATIONS 831

USAFETAC FORM [illegible] JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS

STATION	STATION NO.	ALL WEATHER	MONTH
[illegible]	[illegible]	[illegible]	[illegible]

SPEED KNOTS / DIR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							2.4	11.[illegible]
NE	[illegible]	1.[illegible]	[illegible]	1.[illegible]									3.[illegible]	[illegible]
ENE	[illegible]	[illegible]	1.[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	2.[illegible]	[illegible]	[illegible]	1.[illegible]	[illegible]							1.2	1.[illegible]
ESE	[illegible]	1.[illegible]	2.[illegible]	.6	.4								[illegible]	.3
SE	.1	1.[illegible]	1.[illegible]	[illegible]	.4	.1	[illegible]						[illegible].7	1.[illegible]
SSE	.4	1.[illegible]	1.3	1.6	.4	.1							4.7	9.9
S	.1	1.[illegible]	5.7	.3	1.7	[illegible]	.1						[illegible].4	11.5
SSW	.1	[illegible]	1.[illegible]	2.8	1.7								[illegible].0	12.9
SW	[illegible]	.1	.7	1.4	1.2	.2	.7						4.[illegible]	14.5
WSW	[illegible]	[illegible]	1.9	2.4									[illegible]	9.4
W	1.1	1.2	2.3	2.9	.7	.4	.2						[illegible].7	1[illegible].7
WNW	1.8	1.6	1.3	2.2	.2								7.1	7.9
NW	.5	[illegible]	.6	.7	[illegible]								2.5	[illegible].8
NNW	.5	[illegible]	.5	.1									1.7	5.7
VARBL														
CALM													4.[illegible]	
	7.3	16.[illegible]	28.0	31.7	8.5	1.9	.8						1[illegible]0.0	9.8

TOTAL NUMBER OF OBSERVATIONS 636

USAFETAC FORM [illegible] JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	FEB

CLASS	HOURS (L S T)
ALL WEATHER	ALL

CONDITION

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.4	1.1	.6	.2							3.7	7.9
NNE	.1	.6	1.1	.8	.1	.0						2.6	9.3
NE	.2	.7	1.6	1.3	.3	.1						4.2	1[illegible]
ENE	.2	.8	2.2	2.9	.6	.1						6.8	1[illegible]
E	.6	2.[illegible]	4.1	5.3	1.3	.3	.0					13.7	1[illegible]
ESE	.4	.8	1.4	2.3	.2	.1						5.2	10.1
SE	.3	1.2	1.6	2.2	.3	.0	.0					5.7	1[illegible]
SSE	.4	1.2	1.7	1.7	.3	.2						5.4	9.7
S	.5	1.3	4.2	4.2	1.4	.5	.1	.1				12.3	11.6
SSW	.2	.3	1.3	2.4	1.0	.3	.1	.2				5.6	14.1
SW	.1	.3	1.2	1.6	1.2	.2	.1					4.8	13.5
WSW	.3	.9	1.5	2.1	.1	.0						4.9	9.8
W	.6	1.4	2.3	3.2	.9	.3	.1	.0				8.7	11.0
WNW	.9	1.1	1.6	1.6	.5	.3	.0					5.9	9.7
NW	.7	.6	.8	.5	.2	.0						2.9	7.8
NNW	.3	.9	.6	.3	.2							2.2	7.8
VARBL													
CALM												5.2	
	6.1	15.3	28.6	32.9	8.8	2.4	.4	.3				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 6653

USAFETAC FORM JUL 64 0851 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	MAR

CLASS: ALL WEATHER

HOURS (LST): 0000-2300

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.0	3.6	2.0	.2	.3						[illegible].4	9.3
NNE	.2	1.[illegible]	1.7	1.5	.2							4.6	9.2
NE	.3	.6	1.0	.6	.3							[illegible]	9.2
ENE	.6	.2	1.7	.8	.8							4.[illegible]	9.9
E	.4	1.0	3.9	2.0								7.3	[illegible].7
ESE		.4	1.5	.7								2.6	[illegible]
SE	1.[illegible]	.8	1.2	1.7	.1							4.7	[illegible].4
SSE	.3	.6	1.3	1.1	.4	.1						3.9	10.1
S	.9	1.0	3.0	2.9	1.0	.2	.1					[illegible].7	11.6
SSW	.6	1.0	2.3	4.5	1.5	1.0	.1					11.[illegible]	12.9
SW	.3	.9	2.6	2.2	.2	.4	.2					6.[illegible]	11.2
WSW	.2	.6	1.4	3.1	.2	.2						5.7	11.3
W	.9	.7	1.8	2.5	2.1	.2						[illegible].1	12.[illegible]
WNW	.9	1.4	3.1	.6	.4							[illegible].4	7.8
NW	1.0	1.4	1.0	.1		.3						3.9	7.[illegible]
NNW	.4	1.[illegible]	.4	.6								2.4	7.1
VARBL													
CALM												7.8	
	8.4	14.2	31.5	26.6	7.6	3.5	.4					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 909

USAFETAC FORM JUL 64 (GPO) C1-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	MAY

CLASS: ALL WEATHER

HOURS (LST): 0300-0600

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.9	3.5	1.9		.1						7.8	9.1
NNE	.2	1.1	1.5	1.3	.6	.1						4.9	10.5
NE	.1	.5	1.0	.7	.2	.1						2.6	10.3
ENE	.4	.2	2.1	1.2	.4	.1						4.5	10.4
E	.5	1.1	2.6	1.8								6.3	8.2
ESE	.2	.6	1.1	1.1								3.[illegible]	9.2
SE	.6	.4	1.7	1.3	.2							4.2	9.2
SSE	.6	.9	1.5	1.7	.1	.1						4.9	9.1
S	.1	1.4	4.5	3.8	.7	.3						10.8	10.5
SSW	.4	.8	2.1	3.6	1.5	1.2						9.5	13.1
SW	.1	.1	1.1	2.0	.8	.7						4.7	14.2
WSW	.3	1.4	1.5	3.3	.3							7.2	10.2
W	.1	1.[illegible]	1.1	4.6	.9	.2						8.3	12.1
WNW	1.2	2.0	1.5	.3	.1							5.2	6.5
NW	.9	1.7	1.1	.9		.2						4.7	7.6
NNW	.7	.9	1.4	.7		.1						3.8	6.[illegible]
VARBL													
CALM												7.8	
	7.2	16.3	29.6	3[illegible].1	5.8	3.1						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 906

USAFETAC FORM [illegible] PREV [illegible] OBSOLETE [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	LOSCOMBE DOWN UK	73-82	MAR

CLASS: ALL WEATHER

HOURS (LST): 600-0800

CONDITION:

SPEED KNTS / DIR.	1 - 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	2.7	2.2	.1							6.6	9.3
NNE	.3	1.3	1.8	1.8	.7	.1						6.1	9.9
NE	.4	.7	1.1	.7	.3	.2						3.3	9.3
ENE		.6	.9	1.8		.2						3.6	11.1
E	.9	1.2	2.9	2.4								7.3	8.6
ESE		.5	1.3	.7	.1							2.9	9.[illegible]
SE	.2	.8	1.9	1.2	.2							4.3	9.3
SSE	.2	.9	1.4	1.2	.5							4.3	10.3
S	.3	1.3	4.3	5.0	1.0	.2						12.2	10.9
SSW	.1	.2	1.6	3.8	1.1	1.0	.1					8.0	14.6
SW		.3	1.0	2.9	1.0	.4						5.6	13.5
WSW		.7	1.8	2.9	.1	.2						5.6	11.0
W	.4	1.4	1.2	3.4	1.4	.2						8.1	11.9
WNW	.9	2.0	1.5	1.3	.3	.2						6.2	8.4
NW	1.0	1.6	1.6	1.0	.1							5.4	7.1
NNW	.7	.8	1.1	.9	.1	.3						3.8	9.5
VARBL													
CALM												6.7	
#	5.9	16.0	28.1	33.0	7.0	3.2	.1					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 912

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	78-82	MAR

CLASS: ALL WEATHER

HOURS (LST): 900-1100

CONDITION:

SPEED (KNTS) / DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.1	1.3	2.5	.8							6.3	10.2
NNE	.2	.5	1.4	2.3	.9							5.6	11.2
NE	.3	.4	1.2	1.8	.2	.4						4.4	11.3
ENE	.2	1.0	1.7	1.4	.3	.1	.1					4.9	10.2
E	.2	.9	1.4	2.3	.3							5.2	10.5
ESE	.3	.6	.8	1.3	.2							3.2	9.7
SE	.1	.9	1.3	1.3	.7							4.3	10.5
SSE	.3	1.0	2.0	1.0	.7							5.0	9.8
S	.3	1.4	1.1	4.7	3.3	.7	.1					11.7	13.9
SSW	.1	.7	.8	3.8	2.0	.5	.4					8.5	15.3
SW		.2	.9	2.5	2.0	.4						6.1	14.9
WSW		.7	.9	2.9	.6							5.0	12.5
W	.4	.9	.7	5.3	1.9	1.1						10.3	14.1
WNW	.8	.6	1.0	1.9	1.1	.9						6.2	12.5
NW	.3	.7	.7	2.2	.4	.1						4.4	11.5
NNW	.4	1.0	1.5	3.1	.2	.3						6.6	10.5
VARBL													
CALM												2.4	
	4.7	12.7	18.7	40.4	15.6	4.9	.7					100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 906

USAFETAC FORM [illegible] JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	ROSCOMBE DOWN UK	73-82	MAR

CLASS	HOURS (LST)
ALL WEATHER	1200-1400

CONDITION

SPEED KNTS / DIR	1-3	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	2.3	4.2	.7							7.6	11.2
NNE	.2	.5	1.2	2.8	.4							5.4	10.0
NE		.4	.6	2.5	.7							4.2	12.4
ENE	.4	.2	.8	1.2	.2	.2						3.2	11.9
E	.2	.8	1.7	2.2	.2							5.1	12.5
ESE	.2	.2	.9	1.2				.1				2.5	11.4
SE		.1	.6	1.8	1.5	.2						3.6	14.6
SSE	.4	1.0	1.3	1.2	.7	.3						5.[illegible]	12.9
S	.2	.9	1.8	3.9	2.3	1.3						12.3	14.4
SSW	.2	.9	1.3	3.4	3.3	1.2	.4					10.5	15.5
SW	.2	.5	.6	2.1	3.2	1.1	.1					7.8	16.1
WSW	.2	.2	1.1	2.8	1.3							5.6	12.9
W	.2	.6	1.4	4.4	3.4	1.4	.1					11.5	15.3
WNW	.1	.4	1.1	2.9	1.5	.7						5.7	14.5
NW	.1	.4	.4	1.2	.2							2.4	11.2
NNW		1.9	1.1	2.8	.7							5.4	12.6
VARBL													
CALM												.2	
	2.9	10.2	18.1	40.5	19.9	6.6	.7	.1				100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 936

USAFETAC FORM JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DOSCOMBE DOWN UK	73-82	MAY

CLASS: ALL WEATHER

HOURS L.S.T.: 1200-1700

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	.1	2.3	2.4	3.7	.7							9.2	10.4
NNE	.3	.8	2.2	2.3	.9							6.5	10.9
NE	.1	.3	.9	2.3	.1							3.7	10.8
ENE	.1	.3	.8	1.8	.3	.1	.2					3.6	12.5
E	.2	.9	.7	1.4	.2							3.4	9.6
ESE	.2	.2	1.1	1.0	.1							2.6	9.3
SE	.1	.3	1.1	1.5	1.2							4.3	12.5
SSE	.3	.3	.9	1.1	.7	.2						3.5	11.8
S	.2	1.2	2.5	5.4	.9	.4						1[illegible].7	12.1
SSW	.3	.3	1.3	5.1	2.2	1.8	.2					11.2	15.4
SW		.3	.5	2.7	2.0	1.4						7.[illegible]	16.3
WSW	.1	.2	.9	2.4	.2	.1						4.0	12.4
W	.2	1.5	1.2	6.7	3.5	1.2						13.3	14.4
WNW	.5	.4	1.6	1.3	2.5	.5						6.7	13.9
NW	.1	.5	.8	1.4								2.7	10.4
NNW	.2	1.4	2.1	2.3	.2							6.2	9.4
VARBL													
CALM												1.1	
	3.0	11.0	21.0	42.5	15.2	5.8	.4					100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 913

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
37462	BOSCOMBE DOWN UK	73-82	MAR

CLASS: ALL WEATHER

HOURS (LST): 1800-2100

CONDITION:

SPEED KNTS/ DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.6	2.8	1.5	.2							7.8	8.1
NNE	.3	1.6	2.0	2.2	.7							6.7	9.3
NE	.1	1.4	1.4	1.4	.4	.1						4.9	10.0
ENE	.2	.3	.7	2.0	.2	.2						3.6	11.3
E	.2	1.2	.7	1.3	.2	.2						3.8	10.1
ESE	.2	.7	1.1	.5	.3							2.8	9.1
SE	.2	1.1	1.2	.5	.3	.1						3.5	9.0
SSE	.7	1.3	1.2	.9	.2	.1						3.9	8.7
S	.1	2.6	5.1	2.6	1.0	.3						11.7	10.0
SSW		1.2	3.0	4.3	1.6	1.2	.1					11.6	13.3
SW	.1	.1	1.7	4.5	.9	.3						7.6	13.0
WSW		.2	.9	2.4	.4	.1						4.0	12.5
W	.2	1.5	3.2	4.0	1.4	1.0						11.3	12.1
WNW	.4	1.4	1.4	1.6	1.1	.2						6.2	11.0
NW	.4	1.3	.7	.4	.1							2.9	7.1
NNW	.1	1.3	2.5	.8								5.2	7.7
VARBL													
CALM												2.3	
	3.7	23.4	29.5	31.0	9.1	3.9	.1					100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 922

USAFETAC FORM 0-1 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] BOSCOMBE DOWN UK — STATION / STATION NAME
73-82 — YEARS
MAR — MONTH
ALL WEATHER — CLASS
[illegible] — HOURS LST
CONDITION

SPEED KNOTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.[illegible]	3.1	.7	.1	.1						7.[illegible]	7.7
NNE	.2	1.4	2.2	3.2	.3							8.7	9.4
NE	.2	.7	1.6	1.3	.5	.1						4.5	10.[illegible]
ENE	.2	.5	1.2	1.5	.1							3.1	9.[illegible]
E	.3	1.5	1.6	2.1	.1							5.7	9.1
ESE	.2	1.1	1.2	.7	.1							3.5	8.[illegible]
SE	.3	1.3	1.6	1.2		.1						4.5	8.3
SSE	.3	1.[illegible]	1.4	.9	.3							3.9	9.1
S	.3	2.1	3.5	1.9	.7	1.2						10.2	10.5
SSW	.2	.7	2.1	4.7	.9	.9	.1	.1				9.6	13.4
SW	.5	.2	1.4	3.4	.7	.4	.2					6.9	12.[illegible]
WSW	.3	.5	2.1	2.4	.4							5.6	10.7
W	.3	2.2	2.3	3.2	1.5	.1						9.6	11.[illegible]
WNW	.5	2.[illegible]	1.4	1.5	.5	.2						6.2	9.4
NW	.5	.7	1.3	.4		.7						3.1	8.4
NNW	.8	1.5	1.4	.4								4.2	6.[illegible]
VARBL													
CALM												[illegible].5	
	5.6	20.3	29.3	23.2	6.4	3.5	.3	.1				1[illegible].2	9.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]1[illegible]

USAFETAC FORM [illegible] JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GENERAL CLIMATOLOGY BRANCH
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible] STATION NAME: [illegible] YEARS: 77-82 MONTH: MAY

CLASS: ALL WEATHER HOURS: ALL

CONDITION

DIR / KNOTS	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.0	2.7	3.3	.7	.1						7.7	9.4
NNE	.3	1.1	1.7	2.0	.6	.1						[illegible]	10.2
NE	.2	.9	1.1	1.4	.3	.1						3.6	[illegible]
ENE	.3	.8	1.2	1.4	.3	.1	.0					3.8	[illegible]
E	.4	1.1	1.5	1.8	.1	.1						5.5	[illegible]
ESE	.3	.6	1.1	.9	.1			.0				2.9	9.3
SE	.3	.7	1.3	1.3	.5	.1						4.2	[illegible]
SSE	.4	.9	1.4	1.1	.5	.1						4.3	[illegible]
S	.4	1.0	3.2	3.8	1.3	.7	.0					[illegible]	11.7
SSW	.2	.7	1.8	4.2	1.8	1.1	.2	.0				[illegible]	14.2
SW	.2	.5	1.2	3.8	1.3	.7	.1					[illegible]	14.[illegible]
WSW	.2	.6	1.3	2.8	.5	.1						[illegible]	12.5
W	.3	1.2	1.6	4.3	2.7	.7	.0					[illegible]	13.
WNW	.5	1.3	1.6	1.4	1.7	.3						[illegible]	10.5
NW	.3	1.7	.9	1.2	.1	.1						3.7	8.4
NNW	.4	1.2	1.5	1.4	.2	.1						4.8	9.[illegible]
VARBL													
CALM												4.4	
	[illegible]	15.1	25.7	34.0	10.8	4.7	.3	.0				[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 7281

USAFETAC FORM [illegible] PREVIOUS EDITIONS ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS

40 [illegible] DOWN UP — STATION — STATION NAME

77-[illegible] — YEARS

APR — MONTH

ALL WEATHER — CLASS

100-[illegible] — HOURS LST

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	3.5	4.1	1.1	.5							1[illegible].8	7.4
NNE	.3	2.4	1.5	2.2	.1							6.9	8.6
NE	.8	2.7	2.3	7.4	.1							6.6	9.1
ENE	.5	.7	1.2	2.9	.6							5.9	11.4
E	.9	1.7	2.3	1.6								5.8	7.7
ESE	.2	.9	1.0	.3								2.5	7.[illegible]
SE		.7	.6	.8								2.9	9.3
SSE	.7	.3	.9		.1							1.6	7.5
S	.3	2.0	2.0	1.0								5.4	7.7
SSW		.2	2.3	1.2	.1							3.9	10.2
SW	.5	.5	.7	1.8	.3	.1						3.[illegible]	11.3
WSW	.1	.5	2.0	.7								3.3	8.7
W	1.6	1.4	2.3	2.8	.1							8.2	8.4
WNW	2.7	2.8	2.7	1.5	.2							9.5	6.4
NW	1.7	2.7	1.1	.7								5.5	5.8
NNW	1.5	2.5	2.8	.3	.1							7.2	8.4
VARBL													
CALM												9.4	
	12.8	23.2	30.2	22.0	2.3	.1						1[illegible].[illegible]	7.3

TOTAL NUMBER OF OBSERVATIONS 68[illegible]

USAFETAC [illegible] PREVIOUS EDITIONS [illegible] ARE [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	APR

CLASS: ALL WEATHER

HOURS (L.S.T.): 0700-0900

CONDITION:

SPEED KNTS / DIR	1 - 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	4.2	4.6	1.4	.5							11.4	7.6
NNE	.2	1.8	3.8	1.9	.1							7.1	8.9
NE	.6	1.7	2.4	2.5	.1							6.3	9.1
ENE	.2	1.1	.7	3.3	.3							5.7	11.1
E	.6	1.7	1.9	1.2								4.6	8.[illegible]
ESE	.2	.5	1.1	.7								2.5	8.2
SE	.2	.5	.5	.7								1.9	8.2
SSE		.6	1.2	.3								1.9	7.9
S	.3	1.[illegible]	2.1	.9	.1							4.4	8.2
SSW	.5	.3	2.2	1.1	.3	.1						4.6	9.6
SW	.1	.3	1.1	.5	.6	.1						2.7	11.9
WSW	.3	.7	1.4	.8								3.2	8.[illegible]
W	1.4	2.2	2.4	3.1								9.1	8.1
WNW	3.1	2.5	2.4	1.5	.1							9.6	6.2
NW	1.8	2.4	2.4	.8								7.4	6.3
NNW	1.3	2.8	2.8	.6								7.5	6.5
VARBL													
CALM												.9	
	11.6	23.1	31.9	21.1	2.2	.2						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 878

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	LOSCOMBE DOWN UK	77-82	APR

CLASS	HOURS (L S T)
ALL WEATHER	0600-0800

CONDITION

SPEED (KNTS) / DIR	1 - 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	3.1	3.5	3.7	.1							11.1	8.8
NNE	.2	1.7	3.2	2.8								7.9	9.2
NE	.3	1.2	1.8	4.2	.1							7.7	10.4
ENE	.2	.7	2.0	3.7	.2							6.9	10.9
E	.2	1.5	2.7	1.4								5.9	8.2
ESE		.3	.8	.5								1.7	6.9
SE	.5	.1	.5	.9	.2							2.2	10.1
SSE	.2	.1	1.1	.8	.1							2.4	9.4
S	.2	1.5	1.7	.7	.3							4.4	6.4
SSW	.5	.7	.8	1.4	.8	.1						4.2	11.3
SW	.1	.2	.7	1.4	.1							2.6	11.3
WSW	.1	.7	1.4	1.1		.2						3.5	9.8
W	1.8	1.2	2.5	2.9	.5							9.0	8.7
WNW	2.5	2.8	1.9	1.7	.1							9.1	6.8
NW	2.3	2.4	1.9	1.6	.1							8.3	6.8
NNW	1.1	2.2	3.1	.8	.5							7.6	7.6
VARBL													
CALM												5.7	
	11.1	20.4	29.6	29.7	3.2	.3						100.3	8.3

TOTAL NUMBER OF OBSERVATIONS 682

USAFETAC FORM JUL 64 0-8-5 OLD A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	APR

CLASS: ALL WEATHER

HOURS (LST): 0900-1200

CONDITION:

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.6	3.2	6.2	.1							12.6	10.0
NNE	.6	.2	2.7	5.1	.5							10.1	11.0
NE	.1	.4	1.9	3.7	1.2							7.8	11.6
ENE	.1	.2	1.7	4.9	1.6	.2						8.7	13.4
E	.5	.9	1.7	3.2	.3							6.6	10.4
ESE	.6	.5	1.3	.8	.1							3.1	8.9
SE	.2	.3	.3	1.5	.1							2.5	10.9
SSE	.1	.2	.5	.7	.2	.2						1.9	12.3
S	.2	1.1	2.1	1.5	.7							5.7	10.2
SSW	.5	.6	.7	1.0	1.0							3.7	11.2
SW	.1	.1	.5	1.4	.8							2.8	13.1
WSW	.2	.5	1.4	.8								2.8	8.9
W	.5	.7	2.3	5.3	.8	.1						9.6	11.6
WNW	.7	1.0	1.2	1.2	1.0	.2						5.4	10.5
NW	.3	.6	1.9	2.7	.3	.1						6.2	10.8
NNW	.6	2.4	2.4	3.1	.5							8.8	9.4
VARBL													
CALM												1.7	
	5.7	13.0	25.5	44.0	9.3	.3						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 684

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A[illegible] WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible]46[illegible] (STATION) BOSCOMBE DOWN UK (STATION NAME) 73-82 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (LST))

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	2.4	3.3	4.8	.3							11.1	10.[illegible]
NNE	.1	.7	2.1	7.2	.2							1[illegible].3	11.4
NE	.[illegible]	1.[illegible]	1.8	4.1	.7							[illegible].2	11.[illegible]
ENE	.2	.[illegible]	1.3	3.9	2.5	.6						9.4	14.[illegible]
E	.3	1.[illegible]	1.1	2.1	.3							4.9	13.4
ESE	.5	.3	.3	.7	.5	.2						2.5	11.2
SE		.5	.5	1.6	.9							3.4	13.[illegible]
SSE		.5	.1	.7	.2							1.5	11.4
S	.8	.6	1.0	3.3	.3	.1						6.2	10.8
SSW		.[illegible]	.2	1.5	.5	.2						2.6	13.9
SW	.1	.1	1.3	2.6	1.0	.1						6.3	12.7
WSW		.7	.9	1.5	.3							3.1	11.1
W		.8	2.5	4.8	1.4							9.5	11.9
WNW		.8	1.3	2.4	.7	.3						5.5	12.6
NW	.1	.7	1.4	2.0	.2	.1						4.5	10.9
NNW	.6	1.4	3.6	3.9	.5							9.9	10.4
VARBL													
CALM												1.8	
	3.6	12.2	22.8	47.2	10.7	1.7						1[illegible]0.0	11.3

TOTAL NUMBER OF OBSERVATIONS 87[illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
37452	BOSCOMBE DOWN UK	73-82	APR

CLASS: ALL WEATHER

HOURS (LST): 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	.2	.8	5.0	6.6	.5							13.1	10.7
NNE	.1	1.6	3.9	6.5	.5							12.6	10.7
NE	.1	.6	2.6	4.3	1.1							8.7	11.9
ENE	.1	.7	1.2	2.8	1.8	.5						7.2	13.9
E	.3	.3	.6	1.4	.7							3.3	11.4
ESE	.3	.1	.7	1.5	.3							3.0	11.2
SE	.1	.2	1.0	2.5	.1							4.0	11.2
SSE	.2	.3	.7	.7	.2							2.2	9.6
S	.7	.2	.6	1.8	.1	.1						3.5	9.9
SSW	.3	.1	1.4	3.2	.5	.3	.1					5.9	12.5
SW		.5	.8	1.9	1.7	.1						5.0	13.9
WSW	.2	.2	.9	1.2								2.5	10.0
W	.1	.7	1.2	6.4	.6	.2						9.2	12.6
WNW	.3	1.4	2.0	3.1	.3	.3						7.5	10.6
NW	.1	.9	1.4	1.4	.1	.2						4.1	10.3
NNW	.5	1.0	1.7	3.7	.2	.1						7.3	10.8
VARBL													
CALM												1.0	
	3.9	9.7	25.7	49.0	8.7	1.9	.1					100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 880

USAFETAC FORM JUL 64 0-PAS OLDER PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	APR

CLASS: ALL WEATHER

HOURS (LST): 1800-2000

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	4.[illegible]	3.5	2.9	.1							11.1	8.5
NNE	.6	2.6	5.5	3.5	.1							12.3	8.9
NE	.1	1.2	5.0	4.2	.5							11.0	10.0
ENE	.5	.5	1.1	2.0	.3	.2						4.6	11.1
E	.5	.3	2.5	1.9	.2							5.4	9.7
ESE	.2	.6	2.5	.3								3.6	8.3
SE	.2	.3	1.1	.6								2.5	8.0
SSE	.2	.5	.3	.2	.1							1.4	7.8
S	.5	1.4	3.3	1.0	.3							6.4	8.4
SSW	.2	.9	1.4	2.1	.1	.2						5.0	10.5
SW		.6	1.0	2.0	1.2	.1						5.0	12.8
WSW		.8	.6	.6								1.9	7.9
W	.3	1.5	2.9	4.3	.9	.1						10.1	10.7
WNW	.3	2.3	2.9	1.6		.1						7.2	8.4
NW	.2	.7	1.5	.7	.3	.1						3.5	9.9
NNW	.5	1.6	2.3	1.7	.2							6.2	9.1
VARBL													
CALM												2.7	
	4.9	19.8	37.4	29.8	4.5	.9						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 884

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
7746	BOSCOMBE DOWN UK	73-82	APR

CLASS: ALL WEATHER

HOURS (L S T): 2100-2300

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	5.1	2.6	1.1	.2	.1						10.4	7.0
NNE	.6	2.7	2.9	2.1	.2							8.6	8.3
NE	.5	.9	3.3	3.5								8.1	9.9
ENE	.3	.7	1.9	3.3	.8							7.0	11.3
E	.7	1.1	3.5	1.5								6.8	8.0
ESE	.2	.5	1.6	.7								3.0	6.4
SE	.3	.5	.6	.2								1.5	7.1
SSE	.2	.7	.7									1.6	5.8
S	.2	1.9	2.7	.8								5.6	7.8
SSW	.2	1.5	2.4	1.2	.1							5.4	8.6
SW	.7	.3	1.0	1.2	.2							3.5	9.8
WSW	.5	.8	1.0	.9								3.2	7.9
W	1.0	1.8	3.0	3.5	.1							9.5	8.9
WNW	1.9	3.3	2.0	1.2								8.5	6.5
NW	1.0	2.0	1.1	.3								4.5	5.7
NNW	.7	1.7	1.5	1.5	.1							5.4	8.1
VARBL													
CALM												7.4	
	13.2	25.5	31.8	23.1	1.8	.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 686

USAFETAC FORM JUL 64 (GBN OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
2740	LOSCOMBE DOWN UK	73-82	APR

CLASS	HOURS (LST)
ALL WEATHER	ALL

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	3.2	3.7	3.5	.3	.0						11.4	8.8
NNE	.3	1.7	3.2	4.0	.2							9.5	9.7
NE	.4	1.1	2.6	3.7	.5							8.4	10.4
ENE	.3	.7	1.4	3.4	1.0	.2						6.9	12.3
E	.5	.9	2.0	1.7	.2							5.4	9.1
ESE	.3	.5	1.1	.7	.1	.0						2.7	9.0
SE	.2	.4	.6	1.1	.2							2.5	10.2
SSE	.2	.4	.7	.4	.1	.0						1.8	9.1
S	.4	1.2	1.9	1.4	.2	.0						5.2	8.9
SSW	.3	.6	1.4	1.6	.4	.1	.0					4.4	10.8
SW	.2	.3	.9	1.6	.8	.1						3.9	12.3
WSW	.2	.6	1.2	1.0	.0	.0						3.1	9.1
W	.8	1.3	2.4	4.1	.5	.1						9.3	10.2
WNW	1.4	2.1	2.1	1.7	.3	.1						7.8	8.1
NW	1.0	1.5	1.6	1.3	.1	.1						5.5	8.0
NNW	.9	1.9	2.5	1.9	.3	.0						7.5	9.6
VARBL													
CALM												5.0	
	8.0	18.4	29.4	33.2	5.3	.8	.0					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 7047

USAFETAC FORM JUL 84 0-R-5 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	MAY

CLASS: ALL WEATHER

HOURS (LST): 0000-1200

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.1	1.5	.5	.1							5.4	6.4
NNE	.4	.9	3.2	2.6	.1							7.2	9.3
NE	.3	.7	2.2	2.3								5.5	9.5
ENE	.3	.3	1.4	1.9	.8							5.1	10.6
E	.7	2.5	4.7	3.6	.3							11.3	9.2
ESE	.1	.9	1.3	.3	.2							2.3	5.7
SE	.5	1.7	.4	.2								3.2	5.7
SSE	.9	1.5	1.2	.2								3.8	5.9
S	1.3	3.3	3.8	1.2	.3							9.3	7.6
SSW	.3	1.[illegible]	2.4	1.5	.1							5.4	8.8
SW	.1	.3	2.1	1.7		.1						4.4	9.8
WSW	.5	1.2	1.3	.8								3.5	7.4
W	2.1	2.2	2.2	2.3								8.7	7.3
WNW	2.5	3.5	1.6	1.0								8.6	5.6
NW	3.2	1.6	1.3	.5								6.3	4.5
NNW	.9	1.7	.3									2.2	4.7
VARBL													
CALM												7.5	
	14.9	24.4	30.4	23.8	2.0	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 915

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
7146	BOLCOMBE DOWN UK	73-8	MAY

CLASS: ALL WEATHER

HOURS (LST): 0000-2300

CONDITION:

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.3	2.4	1.0								7.6	6.9
NNE	.7	1.7	1.6	2.5	.1							6.3	9.2
NE	.3	1.2	1.2	1.5								4.2	8.5
ENE	.3	.5	2.3	2.2	.5							5.8	10.4
E	.5	2.1	5.2	3.7	.1							11.6	9.1
ESE	.5	.3	1.4	.2	.2							2.6	7.6
SE	.3	.3	1.0	.3								2.9	6.2
SSE	.8	1.2	1.0	.4	.1							3.5	6.7
S	.3	2.5	2.6	1.2	.2							6.8	8.0
SSW	.3	1.5	3.4	1.3	.4							6.4	9.3
SW	.4	.1	1.6	1.5								3.7	9.4
WSW	.4	1.3	1.0	.7								3.4	7.2
W	1.3	1.3	1.7	1.6		.1						5.6	7.6
WNW	1.2	3.3	1.6	1.1	.1							7.3	6.6
NW	2.3	2.2	1.4	.5								6.4	5.5
NNW	2.2	1.4	1.2	.1								4.9	4.8
VARBL													
CALM												9.8	
	15.3	24.9	30.3	19.9	1.8	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 922

USAFETAC FORM JUL 64 PREV. EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	LODDIDOMBE DOWN UK	73-82	MAY

CLASS: ALL WEATHER

HOURS (LST): [illegible]

CONDITION:

SPEED KNOTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.1	2.5	1.9								7.4	7.7
NNE	.3	1.2	1.7	2.3	.2							6.8	1[illegible]
NE	.4	[illegible]	1.1	2.8	.4							5.3	1[illegible].7
ENE	.1	1.3	1.8	2.3	.8							6.3	10.[illegible]
E	.9	1.2	4.6	4.1	.6							11.6	9.[illegible]
ESE	.6	.7	.7	.4	.3							2.5	8.[illegible]
SE	.6	1.4	1.0	.4	.1							3.5	7.[illegible]
SSE	.6	1.2	1.3	.7								3.7	7.3
S	1.2	2.[illegible]	2.5	1.5	.6							[illegible].1	8.4
SSW	.4	1.1	3.5	2.4	.5	.2						.5	10.2
SW	.3	.7	2.0	1.1	.1							4.2	8.8
WSW		.4	1.9	1.1								3.4	9.2
W	.7	2.[illegible]	2.1	1.5								6.5	7.6
WNW	2.1	2.1	1.5	1.8	.1	.1						7.7	7.1
NW	1.5	1.1	1.1	1.4								5.2	7.3
NNW	1.2	1.[illegible]	1.7	.9								4.7	6.9
VARBL													
CALM												4.5	
#	12.6	20.1	31.2	27.5	4.3	.3						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 979

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4[illegible] LOSCOMBE DOWN UK — 77-82 — MAY

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [illegible]-11[illegible]

CLASS — HOURS LST

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.4	2.5	2.4		.1						6.[illegible]	9.[illegible]
NNE	.1	.[illegible]	2.1	3.8	.4	.1						7.5	1[illegible].9
NE	.1	.3	1.5	3.7	1.4							7.1	12.[illegible]
ENE	.3	.5	1.9	3.[illegible]	.5							6.[illegible]	1[illegible].[illegible]
E	.3	.4	2.1	3.5	1.3	.3						7.[illegible]	11.1
ESE	.1	.4	1.3	3.1	1.[illegible]	.3						4.[illegible]	13.[illegible]
SE		.7	1.2	1.4	.3							3.[illegible]	1[illegible].[illegible]
SSE	.1	.[illegible]	1.3	1.2	.1							3.1	9.7
S	.7	1.5	2.5	2.6	1.5							8.9	1[illegible].3
SSW	.4	.9	1.2	4.0	1.1	.9						8.5	13.1
SW	.1	.3	1.5	2.2	.9							5.1	12.5
WSW		1.2	1.4	1.9	.1							4.6	9.3
W	.5	1.5	3.5	3.2								8.6	9.2
WNW	.8	1.[illegible]	.4	2.1	.5	.3						5.2	1[illegible].4
NW	.7	1.[illegible]	1.2	1.3	.3							4.5	8.9
NNW	.4	1.6	1.8	1.9	.2							5.9	9.[illegible]
VARBL													
CALM												1.[illegible]	
	5.6	14.6	27.3	39.1	9.9	2.[illegible]						[illegible]1.[illegible]	1[illegible].6

TOTAL NUMBER OF OBSERVATIONS 91[illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] COMBS DUAN UK — STATION NAME — 77-82 — YEARS — MAY — MONTH

ALL WEATHER — CLASS — [illegible] — HOURS [illegible]

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.7	2.5	3.2		.5						8.[illegible]	9.4
NNE	.1	.5	1.6	3.2	.7	.2						6.[illegible]	11.2
NE		.1	.6	1.6	.9	.1						4.5	12.3
ENE	.2	.4	2.1	2.2	1.8	.2						7.9	12.7
E	.1	.1	1.6	2.5	.6							5.[illegible]	11.[illegible]
ESE	.1	.1	.3	1.9	.6	.2						4.2	15.7
SE	.1	.3	.4	2.2	.8	.3						5.0	13.4
SSE	.1	.5	1.1	2.5	.4	.2						4.7	11.1
S	.2	1.6	2.8	2.5	1.5	.2						9.7	11.1
SSW	.1	.7	1.5	3.9	2.2	.6						8.9	14.2
SW	.1	.5	.8	2.9	1.5	.1	.3					6.2	15.7
WSW	.1	1.[illegible]	1.6	2.5	.1							5.2	9.5
W	.4	2.[illegible]	1.5	5.5	.2							9.4	9.3
WNW	.3	1.1	1.1	3.[illegible]	1.2	.3						6.7	11.5
NW	.1	1.[illegible]	.6	1.9	.1	.2						3.9	13.5
NNW	.2	1.7	2.[illegible]	1.6								5.1	8.5
VARBL	—	—	—	—	—	—	—	—	—	—	—		
CALM	—	—	—	—	—	—	—	—	—	—	—	.1	
	—	—	—	—	—	—	—	—	—	—	—		
	.6	14.6	22.5	47.6	13.1	3.6	.3					100.[illegible]	11.7

TOTAL NUMBER OF OBSERVATIONS 89[illegible]

2

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] — STATION — LOSCOMBE DOWN UK — STATION NAME — 77-82 — YEARS — MAY — MONTH

ALL WEATHER — CLASS — [illegible] — HOURS [illegible]

CONDITION

SPEED KNOTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.4	3.4	1.6	.1	.1						7.[illegible]	5.6
NNE	.3	1.3	2.4	2.8	.8	.1						7.4	11.1
NE		.3	1.0	1.6	.6							3.2	11.9
ENE		.4	.9	3.3	1.7	.2						5.6	14.[illegible]
E	.3	.5	2.1	2.8	1.[illegible]							6.8	11.3
ESE	.1	.3	.7	1.1	1.[illegible]	.2						3.4	13.8
SE	.1	.4	1.2	3.8	.4	.3						6.2	12.5
SSE		.1	.6	1.7	.2							2.6	12.2
S	.5	1.3	2.5	3.4	1.2	.1						9.1	11.1
SSW	.2	.3	2.3	5.4	2.[illegible]	.5	.2					1[illegible].1	1[illegible].8
SW	.2	.3	.9	1.5	1.4	.4						5.7	14.[illegible]
WSW		.3	1.4	2.7	.2							4.[illegible]	11.1
W	.3	1.5	2.1	2.5	1.2	.1						8.1	1[illegible].7
WNW	.3	1.[illegible]	2.2	3.5	.9							8.4	1[illegible].5
NW	.2	.5	.9	.5	.4							2.5	1[illegible].1
NNW	.3	.3	2.[illegible]	1.1	.1							4.4	8.9
VARBL													
CALM												.7	
	3.2	11.3	26.2	41.6	13.5	2.1	.2					1[illegible].3	11.5

TOTAL NUMBER OF OBSERVATIONS [illegible]16

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	LOSCOMBE DOWN UK	77-82	MAY

CLASS: ALL WEATHER

HOURS (LST): 0800-0900

CONDITION:

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.[illegible]	2.[illegible]	.6	.1							[illegible].2	7.7
NNE		2.2	2.7	2.8	.3							7.8	9.3
NE	.3	1.2	2.[illegible]	3.0	.4							7.6	9.9
ENE	.2	.6	.8	2.1	.6							4.2	11.4
E		1.1	1.1	2.1	.6	.1						5.3	11.5
ESE	.1	1.[illegible]	1.1	1.2	.3							3.3	9.9
SE	.1	.8	1.7	1.6	.4							4.5	10.3
SSE	.2	.9	2.5	.9								4.5	9.1
S	.6	2.2	4.2	3.1	.4	.1						10.6	9.2
SSW	.7	1.3	4.1	5.2	1.2	.3						12.9	11.3
SW	.3	.6	2.2	2.3	.3	.1						5.9	10.4
WSW	.2	.5	1.7	1.4								[illegible].2	5.8
W	.4	2.3	2.5	2.8	.4							8.5	9.3
WNW	.9	1.2	2.9	3.2	.6							8.5	9.7
NW	.3	.4	.8	.3	.1							2.3	7.8
NNW	.3	1.3	1.2	.9	.2							[illegible].3	5.4
VARBL													
CALM												1.7	
	5.3	13.8	34.1	33.3	6.1	.7						1[illegible]0.	9.6

TOTAL NUMBER OF OBSERVATIONS 932

USAFETAC FORM [illegible] JUL 64 [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] BOSCOMBE DOWN UK — STATION / STATION NAME

73-82 — YEARS

MAY — MONTH

ALL WEATHER — CLASS

0100-2300 — HOURS (LST)

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.4	1.2	.5								3.9	7.0
NNE	.5	2.2	2.0	3.3	.2							7.8	9.6
NE	.4	1.[illegible]	1.9	3.4	.1							6.8	1[illegible]
ENE	.7	.4	2.4	2.4	.2							6.1	9.[illegible]
E	1.0	.8	2.9	3.4	.3	.1						7.5	9.2
ESE	.1	1.1	1.2	.5	.2							3.2	8.7
SE	.4	1.[illegible]	1.2	.1								2.7	6.[illegible]
SSE	1.0	2.2	1.3	.3	.4							5.2	7.[illegible]
S	.9	3.1	6.0	1.2	.2							11.3	7.7
SSW	.5	1.5	3.9	2.2	.2	.1						8.5	8.8
SW	.1	.8	1.6	1.5	.2	.1						4.4	10.[illegible]
WSW	.2	2.1	1.6	.4								4.6	7.3
W	.8	2.9	2.5	2.8	.1							9.2	8.2
WNW	1.6	3.7	1.9	.9								8.1	6.[illegible]
NW	1.0	2.[illegible]	.8	.2								3.9	5.4
NNW	.5	1.[illegible]	.8	.3								2.6	6.4
VARBL													
CALM												4.2	
	11.1	27.0	33.4	22.5	2.3	.3						1[illegible]	7.8

TOTAL NUMBER OF OBSERVATIONS 918

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	MAY

CLASS: ALL WEATHER

HOURS (LST): ALL

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.2	2.3	1.4	.7	.2						6.1	7.9
NNE	.2	1.3	2.1	3.0	.4	.1						7.1	10.2
NE	.2	.8	1.5	2.6	.5	.2						5.8	10.7
ENE	.3	.7	1.6	2.4	.9	.1						5.9	11.3
E	.5	1.1	3.2	3.0	.7	.1						8.4	10.1
ESE	.2	.7	1.0	1.0	.5	.2						3.5	11.1
SE	.3	.9	1.0	1.4	.2	.1						3.9	9.8
SSE	.4	1.1	1.3	.9	.2	.0						3.9	8.3
S	.7	2.1	3.4	2.2	.7	.1						9.2	9.2
SSW	.4	1.0	2.8	3.4	1.0	.3	.0					8.9	11.5
SW	.2	.4	1.6	2.0	.6	.1	.0					4.9	11.6
WSW	.2	1.0	1.5	1.4	.1							4.2	9.0
W	.9	2.1	2.3	2.5	.2	.0						8.1	6.7
WNW	1.3	2.1	1.7	2.0	.4	.1						7.6	8.3
NW	1.2	1.2	1.0	.9	.1	.0						4.4	7.0
NNW	.8	1.2	1.4	.8	.1							4.2	7.4
VARBL													
CALM												3.8	
#													
	8.5	19.5	29.5	30.9	6.6	1.1	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 7286

USAFETAC FORM JUL 64 0-8165 OLDER PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
ATTN WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
7746	BOSCOMBE DOWN UK	73-82	JUN

CLASS	HOURS (LST)
ALL WEATHER	0300-0900

CONDITION

SPEED KNTS / DIR	1 - 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	4.1	1.3	.3								7.3	5.5
NNE	.5	1.7	1.6	.6								4.4	7.3
NE	.2	.6	1.6	1.1								3.6	8.5
ENE	.5	.3	1.4	1.0								3.2	8.4
E	.9	1.9	2.6	2.2	.2							7.8	6.3
ESE	.2	.3	.5	.2								1.7	6.2
SE	.3	.6	.9	.1								1.9	6.5
SSE	.3	1.3	.9	.1								2.6	6.1
S	1.5	3.6	3.2	.5								8.7	6.2
SSW	.5	1.5	3.1	1.4	.3							6.8	8.8
SW	.6	1.5	3.8	.6								6.4	7.3
WSW	.7	1.7	2.2	.5								5.0	6.8
W	1.7	3.7	4.6	1.1								11.1	6.8
WNW	2.6	3.9	1.8	.5								8.8	5.3
NW	1.8	3.8	1.7	.2								7.6	5.2
NNW	.9	1.1	.8	.3	.1							3.3	6.4
VARBL													
CALM												9.6	
	14.9	32.0	32.0	11.8	.7							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 672

USAFETAC FORM JUL 64 [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
3746	BOSCOMBE DOWN UK	73-82	JUN

CLASS: ALL WEATHER

HOURS (LST): 0700-1600

CONDITION:

SPEED (KNTS) DIR	1 - 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	4.1	1.3	.3								7.2	5.3
NNE	.2	1.3	1.1	.7								3.3	7.6
NE	.6	.9	1.4	.6								3.4	7.1
ENE	.6	1.7	1.5	1.8								4.7	8.7
E	.7	1.7	3.2	.6								6.2	7.3
ESE	.3	.5	1.3	.2								2.1	6.6
SE	.3	.7	.7	.3								2.1	7.1
SSE	.6	.7	.8									2.1	5.5
S	.6	4.2	3.3	.9								9.0	6.9
SSW	.5	1.7	3.3	1.1	.1							6.4	8.3
SW	.7	1.5	1.4	.6								4.2	6.6
WSW	.3	1.8	3.3	1.3								6.4	7.7
W	1.5	3.1	3.2	1.7								9.5	7.1
WNW	2.1	2.4	1.5	.6								6.5	5.3
NW	3.1	3.1	1.7	.3								8.2	4.8
NNW	1.1	1.9	1.5	.5								5.0	5.9
VARBL													
CALM												13.5	
	14.6	30.7	29.5	11.5	.1							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 875

USAFETAC FORM JUL 64 5-R-5 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
1745	BOSCOMBE DOWN UK	73-82	JUN

CLASS: ALL WEATHER

HOURS (L S T): 0600-1800

CONDITION:

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.8	3.8	1.7								8.8	7.8
NNE	.6	1.3	2.1	1.0								5.0	7.7
NE	.3	.5	1.[illegible]	.7	.1							3.3	7.9
ENE	.5	.6	.9	1.8	.5							4.3	10.3
E	2.1	2.4	2.5	1.5	.2							8.8	6.9
ESE	.8	1.[illegible]	.9	.6								3.3	6.4
SE	.3	.2	1.0	.1								1.7	7.1
SSE	.2	1.2	.7	.6								2.6	7.3
S	.9	2.4	4.0	1.4	.1							8.9	7.7
SSW	.8	.5	1.6	2.2	.2							5.3	9.4
SW	.1	1.0	2.1	1.5	.3							5.1	9.5
WSW	.7	2.6	2.1	1.2								6.6	7.0
W	.8	2.4	4.6	2.5	.1							10.7	8.2
WNW	2.3	3.3	2.0	2.0	.2							9.8	6.9
NW	2.1	1.8	.6	.9								5.4	5.5
NNW	1.3	1.5	2.0	.6	.2							5.7	6.9
VARBL													
CALM												4.6	
	14.3	26.2	32.6	20.3	2.1							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 668

USAFETAC FORM JUL 74 0-RAT 0-1-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	JUN

CLASS: ALL WEATHER

HOURS (LST): 0900-1100

CONDITION:

SPEED KNTS DIR	1 - 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.[illegible]	3.3	2.3								5.[illegible]	8.7
NNE	.5	.8	3.2	2.1								5.6	8.9
NE	.1	.7	1.6	1.3								3.7	9.[illegible]
ENE	.2	.3	1.8	2.8								5.2	10.2
E	.6	.7	2.1	3.0	.1							6.5	9.6
ESE	.2	.7	1.2	.7								2.3	8.[illegible]
SE	.7	1.[illegible]	1.5	1.0	.3							4.6	8.5
SSE	.2	.7	1.0	.2	.1							2.3	7.7
S	.1	.9	3.5	2.0	.2							6.7	9.5
SSW	.5	.5	2.9	3.1	.7							7.6	11.[illegible]
SW	.1	1.2	2.9	1.4	.2							5.8	9.7
WSW		1.5	3.1	1.4								6.0	8.6
W	1.0	2.7	4.8	6.2	.5							15.2	9.5
WNW	.7	2.0	1.7	2.9	.2	.1						7.6	9.5
NW	.5	1.0	2.1	2.4	.2							6.2	9.7
NNW		.9	1.6	1.0								3.6	8.9
VARBL													
CALM												1.7	
	5.8	17.5	38.4	33.8	2.7	.1						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 667

USAFETAC FORM [illegible] JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] DOWN UK	73-82	JUN

CLASS: ALL WEATHER

HOURS (LST): 1200-1400

CONDITION

SPEED KNTS / DIR	1 - 2	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	1.5								6.5	8.3
NNE	.2	1.2	2.9	1.9								6.1	9.1
NE	.2	.5	1.9	.7	.1							3.4	8.7
ENE	.2	.5	3.2	2.2								6.1	9.3
E	.3	.9	3.1	1.7								6.1	9.2
ESE	.1	.9	.5	.8	.3							2.7	9.3
SE	.3	.3	.2	2.1	.2							3.2	10.6
SSE	.2	.8	.8	.9	.1							2.9	8.5
S	.3	1.3	2.8	2.9	.3	.2						7.9	10.0
SSW	.3	.7	1.6	3.4	.9	.7						7.6	13.5
SW	.1	.7	1.4	2.8	1.0	.1						6.1	12.3
WSW	.2	1.2	4.8	1.7	.1							6.0	9.3
W	.5	2.8	3.5	7.2	1.5							15.4	10.7
WNW	.5	1.3	2.9	3.4	.1	.1						8.2	10.1
NW	.2	.7	1.7	1.5	.1							4.3	9.4
NNW	.2	1.0	1.9	1.6								4.6	8.9
VARBL													
CALM												.6	
	4.2	16.9	35.9	36.3	5.0	1.2						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 863

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
2745	BOSCOMBE DOWN UK	73-82	JUN

CLASS: ALL WEATHER

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

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.5	3.6	.7								7.3	7.5
NNE	.3	1.6	2.4	1.7	.3							6.4	8.3
NE		1.1	1.9	1.8								4.9	9.[illegible]
ENE	.1	.3	2.4	1.5								4.2	9.4
E		.9	1.3	1.7	.1							4.0	10.3
ESE	.1	.1	.7	.8	.3							2.1	11.2
SE	.2	.2	1.1	1.4								3.0	9.8
SSE	.5	.7	1.3	1.1								3.7	7.8
S	.5	.7	3.0	2.6	.5							7.3	9.9
SSW	.2	.8	2.3	4.5	1.5	.5						10.0	12.4
SW	.5	.3	1.6	3.2	.6	.1						6.2	11.5
WSW	.2	1.7	2.4	2.9	.2							7.4	9.4
W	.7	1.5	4.2	6.5	1.3	.2						14.4	11.1
WNW	.2	1.4	2.6	5.3	.5	.2						10.2	11.1
NW	.1	.6	1.7	1.7	.2							4.4	10.0
NNW	.1	1.1	1.4	1.0	.1							3.8	8.8
VARBL													
CALM												.7	
	4.7	15.6	33.9	38.5	5.6	1.3						100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 873

USAFETAC FORM JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMAT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] (STATION) LOSCOMBE DOWN UK (STATION NAME) 77-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) [illegible] (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	2.8	.9								6.3	7.3
NNE	.2	1.7	2.3	1.1	.2							5.6	8.4
NE	.3	1.1	3.1	1.0								5.6	8.[illegible]
ENE		.5	1.3	.9								2.7	9.[illegible]
E	.6	.5	1.3	2.2	.2							4.7	9.7
ESE		.7	1.1	.6								1.7	9.7
SE	.2	.5	.9	.5								2.4	8.[illegible]
SSE	.2	1.7	1.1	.1								2.5	7.[illegible]
S	.8	1.1	5.1	1.8								8.9	8.1
SSW	.5	1.6	4.2	2.6	.6	.1						9.6	9.4
SW	.1	.2	2.8	2.5	.2	.3						8.3	11.1
WSW	.3	1.3	2.7	1.6								6.5	8.4
W	.8	3.3	6.3	4.4	.3							15.1	6.9
WNW	.8	2.4	3.8	4.6	.1	.1						11.7	9.[illegible]
NW	.7	1.4	1.9	1.6	.2							5.5	8.9
NNW	.6	.9	1.1	.6								3.2	7.1
VARBL													
CALM												1.[illegible]	
	5.4	21.2	41.9	27.0	1.9	.6						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 878

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	JUN

CLASS: ALL WEATHER

HOURS (LST): 1100-2300

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.[illegible]	2.1	.2								5.9	5.2
NNE	.6	1.4	2.4	.6								4.9	7.1
NE	.5	1.3	4.2	.7								6.7	7.7
ENE	.2	.6	1.5	.6								2.4	7.6
E	.2	.5	2.8	.9	.3							4.1	9.1
ESE	.5	1.3	.8									2.5	5.[illegible]
SE	1.1	1.4	1.3	.1								3.9	5.4
SSE	.1	1.[illegible]	.7	.1								2.0	6.3
S	.9	3.6	5.5	.5								10.[illegible]	6.8
SSW	.1	1.1	3.3	1.6	.2							6.4	9.2
SW	.1	1.3	2.0	.3								3.7	7.7
WSW	.3	3.6	2.2	1.0								7.1	7.2
W	1.8	5.7	6.5	.8								14.9	6.6
WNW	.8	6.1	2.0	.5	.1							10.3	6.2
NW	.7	3.2	1.1	.5								5.5	6.[illegible]
NNW	.3	.5	1.0	.2								2.4	6.6
VARBL													
CALM												0.4	
	1[illegible].4	35.[illegible]	39.8	8.6	.7							[illegible]	6.5

TOTAL NUMBER OF OBSERVATIONS [illegible]71

USAFETAC FORM [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
2145	BOSCOMBE DOWN UK	73-82	JUN

CLASS: ALL WEATHER — HOURS (LST): ALL

CONDITION:

SPEED KNTS OR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.5	2.6	1.7								7.2	7.1
NNE	.4	1.4	2.3	1.2	.1							5.3	8.2
NE	.3	.5	2.2	1.7	.5							4.3	8.2
ENE	.3	.5	1.7	1.8	.1							4.1	9.3
E	.7	1.2	2.4	1.7	.2							6.1	8.6
ESE	.3	.7	.8	.5	.1							2.4	7.7
SE	.5	.7	1.0	.7	.1							2.9	8.1
SSE	.3	.5	.9	.4	.0							2.5	7.1
S	.7	2.2	3.8	1.6	.1	.0						8.5	8.7
SSW	.4	1.5	2.8	2.5	.6	.2						7.5	10.3
SW	.3	1.1	2.2	1.6	.3	.1						5.5	9.6
WSW	.4	2.7	2.8	1.4	.5							8.6	8.1
W	1.1	3.1	4.8	3.8	.5	.2						13.3	8.5
WNW	1.2	2.5	2.4	2.4	.2	.1						9.2	8.1
NW	1.1	2.1	1.6	1.1	.1							6.0	7.1
NNW	.6	1.2	1.4	.7	.1							4.0	7.4
VARBL													
CALM												4.7	
#	9.4	24.4	35.5	23.3	2.3	.4						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 4967

USAFETAC FORM 0-1 (OCT 84) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CENTRAL CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE [illegible]

SURFACE WINDS

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

[illegible] COOPER DOWN UP — 77-82 — [illegible]
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER
CLASS — HOURS LST

CONDITION

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	[illegible]	3.5	1.[illegible]									[illegible]	[illegible]
NNE	.[illegible]	1.7	.[illegible]	.3								[illegible]	6.6
NE	.7	1.1	2.0	.3								4.4	7.4
ENE	.3	.[illegible]	.6	1.[illegible]	.1							2.2	9.3
E	.1	1.[illegible]	1.7	1.5	.5	.1						4.7	10.[illegible]
ESE	.7	.[illegible]	.4									1.5	[illegible]
SE	.6	.[illegible]	.3									1.2	4.7
SSE	.[illegible]	.4	.[illegible]									.3	[illegible]
S	.4	2.[illegible]	3.5	.8								7.1	7.3
SSW	.[illegible]	1.[illegible]	3.3	1.8								7.0	[illegible]
SW		1.7	3.6	1.1	.2							.6	8.5
WSW	1.3	2.[illegible]	4.1	.9								9.2	6.7
W	1.7	6.4	4.6	.3								13.2	6.1
WNW	1.6	5.7	2.2	.2								11.7	5.[illegible]
NW	1.[illegible]	1.[illegible]	1.5		.1							4.6	5.2
NNW	1.[illegible]	2.5	1.3	.1								4.7	[illegible]
VARBL													
CALM												[illegible]	
	13.	34.7	32.1	7.4	.7	.1						100.1	[illegible]

TOTAL NUMBER OF OBSERVATIONS 896

[illegible]

2

[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] COOLCMBE DOWN UK — STATION / STATION NAME
77-82 — YEARS
Jul — MONTH
ALL WEATHER — CLASS
[illegible] — HOURS (LST)
CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.[illegible]	1.[illegible]	.2								3.2	5.[illegible]
NNE	.5	1.4	1.2	.4								3.7	6.6
NE	.3	.[illegible]	1.7	.6	.1							3.3	7.[illegible]
ENE	.2	.6	1.[illegible]	1.[illegible]								2.9	6.6
E	.7	2.3	1.8	1.[illegible]	.1							5.7	7.3
ESE	.3	.[illegible]	.1									1.2	[illegible]
SE	.1	.1										.2	4.[illegible]
SSE	.2	.2	.6	.2								1.2	6.3
S	.5	2.7	2.1	.3	.1							6.1	6.5
SSW	.9	1.[illegible]	2.7	.2								7.3	7.3
SW	.2	1.3	2.7	1.4								5.6	8.5
WSW	.3	3.0	4.1	.9								8.5	6.8
W	1.5	4.4	4.7	.8								11.4	6.6
WNW	3.7	6.[illegible]	1.7	.2								12.1	4.6
NW	3.1	4.[illegible]	1.4		.1							9.0	4.7
NNW	2.2	1.3	1.1		.2							4.7	5.[illegible]
VARBL	—	—	—	—	—	—	—	—	—	—	—		
CALM	—	—	—	—	—	—	—	—	—	—	—	11.0	
	17.5	33.8	28.[illegible]	7.1	.7							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] DOWN UK	73-82	JUL

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]

CONDITION:

SPEED KNOTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	2.8	.7								6.9	6.7
NNE	.5	1.5	1.0	.7								4.3	7.5
NE	.3	.7	2.4	1.5		.1						5.0	9.[illegible]
ENE	.7	.6	.7	1.5	.3							3.4	7.9
E	.7	1.5	2.2	1.5	.1							5.9	8.1
ESE	.3	.3	.7									1.2	6.[illegible]
SE		.3	.1	.1								.5	6.8
SSE	.8	.3	.2	.2								1.5	5.3
S	.7	1.7	2.7	.9	.1	.1						6.2	7.9
SSW	.6	1.2	2.2	2.4	.3							6.7	9.3
SW		.9	2.5	2.8	.1							6.3	10.1
WSW		1.6	4.0	1.0								6.6	8.1
W	1.4	3.7	4.8	1.9								11.8	7.3
WNW	3.6	3.1	3.0	1.7	.1							11.5	6.2
NW	3.8	2.8	1.1	.8								7.6	5.2
NNW	1.4	1.3	2.0	1.4	.1							6.3	7.2
VARBL													
CALM												7.[illegible]	
	14.3	24.7	33.4	19.1	1.2	.2						100.0	7.

TOTAL NUMBER OF OBSERVATIONS 881

USAFETAC FORM JUL 64 [illegible] PREV. EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	JUL

CLASS: ALL WEATHER

HOURS (L S T): 0900-1200

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	3.2	4.2	1.7								9.7	7.7
NNE		1.4	1.3	1.6								4.3	8.8
NE	.2	.3	1.9	1.3								3.8	9.3
ENE	.4	.8	1.7	1.4	.6	.2						5.1	10.3
E	.6	1.8	2.1	.8								5.2	7.5
ESE	.4	.9	1.0	.3								2.7	7.[illegible]
SE	.2	.3	.1	.6								1.2	6.5
SSE	.4	.2	.6	.4								1.7	7.4
S	.7	.9	2.1	1.8	.1							5.6	9.[illegible]
SSW	.6	.7	2.2	2.8	.8							7.[illegible]	10.9
SW	.6	.7	2.2	3.5	.3							6.9	1[illegible].1
WSW	.4	1.4	3.5	3.2	.2							8.8	9.3
W	1.0	3.[illegible]	6.6	6.5								16.6	9.1
WNW	.6	1.9	3.8	2.4	.3							9.[illegible]	9.1
NW	.2	1.3	2.2	1.8	.1							5.7	9.2
NNW	.3	.9	2.3	1.7	.1	.1						5.1	9.5
VARBL													
CALM												1.0	
	7.5	19.3	37.5	31.3	2.6	.3						1[illegible]0.3	8.9

TOTAL NUMBER OF OBSERVATIONS 898

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOLCOMBE DOWN UK	73-82	JUL

CLASS: ALL WEATHER

CONDITION:

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

SPEED KNTS / DIR	1 - 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	2.3	3.2	1.5								7.5	7.8
NNE	.3	1.3	2.1	.9								4.5	8.3
NE		.5	1.5	2.1	.2							4.2	10.7
ENE	.2	.5	1.5	1.8	.2							4.2	10.6
E	.1	1.1	2.4	1.[illegible]	.1							4.5	9.7
ESE	.3	.2	.3	.6	.1							1.6	8.6
SE	.5	.2	.3	.8								1.8	8.6
SSE	.6	.1	.3	.6								1.5	7.3
S	.8	.8	2.2	2.1	.2							6.1	9.2
SSW	.5	.3	1.4	3.0	1.8							7.[illegible]	12.3
SW	.1	.1	1.1	4.7	.9							7.[illegible]	12.0
WSW	.5	.7	3.2	2.4	.5							7.2	9.8
W	.7	3.1	7.5	9.6	.6							21.5	10.1
WNW	.5	1.5	3.3	2.9	.5							8.6	9.5
NW	.1	1.5	2.5	1.0								5.2	8.4
NNW	.2	1.6	1.3	2.5	.3							6.0	9.5
VARBL													
CALM												.9	
	6.0	15.6	34.2	37.5	5.5							100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 871

USAFETAC FORM JUL 64 0-R-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	JUL

CLASS	HOURS (LST)
ALL WEATHER	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	.1	1.4	3.8	1.8	.1							7.2	8.9
NNE	.1	.7	2.2	.8								3.8	8.4
NE	.2	.6	1.4	2.4								4.7	10.1
ENE	.2	.2	1.2	1.8	.2							3.7	10.7
E	.7	.4	.9	1.3	.1							3.4	8.8
ESE	.1	.2	.7	.6								1.6	8.9
SE	.2	.1	.6	.1								1.0	6.6
SSE		.6	1.6	.9								3.0	9.3
S	.7	.6	3.0	3.1								7.3	9.4
SSW	.2	.4	1.7	3.0	1.9							9.2	13.2
SW	.3	.4	.8	3.0	1.7	.1						6.3	13.3
WSW	.1	.9	2.8	2.7								6.4	9.6
W	.9	1.6	5.9	12.4	1.0							21.8	11.0
WNW	.3	1.6	3.2	5.0	.2							10.3	10.1
NW		1.1	1.6	1.4								4.1	9.1
NNW	.2	1.2	3.0	.7	.2							5.3	8.3
VARBL													
CALM												.9	
	4.4	12.[illegible]	34.2	43.0	5.4	.1						100.0	1[illegible].2

TOTAL NUMBER OF OBSERVATIONS 901

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	JUL

ALL WEATHER
CLASS

HOURS (LST) [illegible]

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - [illegible]	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.5	1.9	1.4								6.1	7.5
NNE	.2	1.[illegible]	2.3	.7								4.2	7.9
NE	.2	1.5	2.8	1.1								5.6	8.0
ENE	.1	.2	1.2	.5	.1							2.1	8.9
E	.2	.7	1.5	1.1	.7							3.[illegible]	9.3
ESE	.2	.5										.7	3.8
SE		.7	.3									.6	[illegible]
SSE	.1	1.[illegible]	1.2	.2								2.6	7.2
S	.3	1.5	.2	1.2								3.2	6.1
SSW		.7	3.7	4.2	.7							9.3	11.3
SW	.3	.3	2.5	2.7	1.2							7.6	11.1
WSW	.2	1.4	1.8	1.8	.1							5.3	6.6
W	.3	4.1	9.6	7.6	.3							22.5	9.2
WNW	.7	3.1	4.2	2.9	.1							11.0	6.2
NW	.2	1.4	3.1	.7								5.3	7.9
NNW		1.4	1.2	.5								3.1	7.4
VARBL													
CALM												1.8	
	4.3	21.9	42.5	25.6	2.9							100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 685

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
03460	BOSCOMBE DOWN UK	73-82	JUL

CLASS: ALL WEATHER

HOURS (LST): 0100-2300

CONDITION:

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.8	2.1	.2								5.9	6.2
NNE	.4	1.7	1.2	.1								3.5	6.[illegible]
NE	.1	1.2	2.9	1.3								5.6	8.5
ENE	.2	.7	1.3	.3	.1							2.7	8.7
E	.3	.6	1.6	.9	.2							3.6	9.2
ESE	.2	.4	.7									1.3	5.2
SE	.7	.4	.4									1.6	4.6
SSE	.1	1.5	.6									1.7	6.2
S	.9	2.6	3.5	.9								7.8	6.8
SSW	.8	1.2	3.9	1.8	.2							7.9	8.6
SW	.3	1.5	3.4	1.7	.8							7.6	8.9
WSW	.6	3.5	2.5	.4								7.2	6.5
W	1.9	8.3	6.7	1.3								16.3	6.4
WNW	1.5	7.2	3.7									12.3	5.7
NW	.7	2.4	1.2									4.3	5.7
NNW	.8	1.1	1.0	.1								3.0	5.6
VARBL													
CALM												5.7	
	10.5	36.8	36.7	9.2	1.0							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 893

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] COSCOMBE DOWN UK — 73-82 — JUL

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — ALL

CLASS — HOURS (LST)

CONDITION

SPEED KNTS. / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.6	2.6	.9	.0							6.0	7.1
NNE	.3	1.3	1.6	.7								3.9	7.6
NE	.3	.8	2.1	1.3	.0	.0						4.6	8.8
ENE	.3	.5	1.2	1.2	.2	.0						3.3	9.8
E	.4	1.2	1.8	1.1	.2	.0						4.7	8.5
ESE	.3	.5	.5	.2	.0							1.5	6.7
SE	.3	.3	.3	.2								1.0	6.5
SSE	.3	.6	.7	.3								1.9	7.0
S	.7	1.6	3.0	1.4	.1	.0						6.8	8.0
SSW	.5	.9	2.6	2.9	.7							7.6	10.4
SW	.2	.9	2.4	2.6	.6	.0						6.8	10.5
WSW	.5	1.0	3.2	1.7	.1							7.4	8.1
W	1.2	4.3	6.3	5.0	.2							17.1	8.6
WNW	1.8	3.8	3.1	1.9	.2							10.8	7.1
NW	1.2	2.2	1.8	.7	.0							5.9	6.6
NNW	.7	1.5	1.6	.9	.1	.0						4.8	7.4
VARBL													
CALM												4.9	
	9.8	24.9	34.8	23.0	2.5	.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 7128

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	LOSCOMBE DOWN UK	73-82	AUG

CLASS	HOURS (LST)
ALL WEATHER	0000-2200

CONDITION

SPEED KNOTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.2	2.1	.2								5.6	5.9
NNE	.8	1.6	.3	.1								2.9	5.[illegible]
NE	.1	.7	.8	.5								2.1	8.[illegible]
ENE	.6	.8	1.8	1.1								4.3	7.9
E	.6	2.1	4.7	2.4								9.7	6.3
ESE	.7	.7	.3									1.9	4.5
SE	.3	.3	.3									1.0	5.1
SSE	.2	1.1	.6									1.9	5.6
S	1.0	1.8	3.8	1.0	.2	.1						8.0	7.7
SSW	.3	1.3	2.2	2.5	.2	.2						6.7	9.9
SW	.9	.7	1.9	1.3	.1	.3						5.2	9.1
WSW	1.1	2.5	2.2	.8	.1							6.7	6.6
W	1.3	2.4	3.4	1.4								8.4	7.1
WNW	4.6	4.8	1.0	.3								10.7	4.4
NW	3.1	2.5	1.1	.3								7.1	4.4
NNW	.7	1.6	1.1	.1								3.5	5.9
VARBL													
CALM												14.1	
	17.4	27.3	27.7	12.1	.7	.7						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 877

USAFETAC FORM JUL 54 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] BOSCOMBE DOWN UK — STATION / STATION NAME
73-82 — YEARS
AUG — MONTH
ALL WEATHER — CLASS
[illegible] — HOURS (LST)
CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	2.3	1.1	.2								4.7	5.9
NNE	.2	.9	.6	.4								[illegible].1	7.1
NE	.3	.6	1.1	.2								[illegible].2	6.9
ENE	.9	.9	2.3	.3								4.3	6.[illegible]
E	.7	2.7	3.5	2.9								9.7	[illegible]
ESE	.3	.6	.4	.1	.1							1.[illegible]	[illegible]
SE	1.0	.3	.4									1.8	4.1
SSE	.7	.9	.4									[illegible]	[illegible]
S	.6	2.1	4.[illegible]	.9	.6	.1						[illegible]	6.5
SSW	.3	1.1	1.8	2.2	.4	.2						6.1	10.3
SW	.6	.4	1.6	1.0	.1							3.7	[illegible]
WSW	.9	2.3	2.7	.6	.1							6.5	6.8
W	1.6	4.3	2.1	1.3	.3							9.6	6.8
WNW	3.4	3.1	.9	.2								7.6	4.3
NW	4.7	2.4	.3	.6								8.[illegible]	4.[illegible]
NNW	2.0	2.5	1.0	.3								5.[illegible]	5.[illegible]
VARBL													
CALM												16.1	
	19.0	27.5	24.1	11.3	1.7	.3						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 993

USAFETAC FORM JUL 64 0846 OLDA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	LOSCOMBE DOWN UK	73-82	AU[illegible]

CLASS: ALL WEATHER

HOURS L S T: [illegible]

CONDITION:

SPEED KNTS / DIR	1 - 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	3.5	2.7	.3								7.9	5.9
NNE	.2	1.3	.7	.9								[illegible]	[illegible]
NE	.5	.9	.6	.7								2.4	7.9
ENE	1.[illegible]	.5	2.3	1.3								5.1	8.1
E	.6	1.[illegible]	3.6	3.5								9.6	[illegible]
ESE	1.2	.7	.3	.2								[illegible]	4.7
SE	.3	.7	.2	.3								1.5	6.6
SSE	.5	.5	.6									1.5	5.3
S	1.3	2.2	2.2	.8								6.4	6.6
SSW	.5	1.1	2.9	2.7	.3	.2	.1					7.9	10.5
SW	.3	.5	2.2	1.0	.6	.3						4.9	10.8
WSW	.8	2.2	2.4	.9								6.3	7.[illegible]
W	2.7	3.9	3.4	.6								10.6	5.8
WNW	4.9	2.5	1.3	1.1								9.8	4.9
NW	3.5	2.4	1.5	.7								8.1	5.1
NNW	1.4	1.9	.7	.3								4.3	5.5
VARBL													
CALM												8.7	
	23.5	26.2	27.4	15.6	.9	.6	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 878

USAFETAC FORM JUL 64 0-4-5 (C-1-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	SOUTHAMPTON UK	73-82	AU

CLASS: ALL WEATHER

HOURS (LST): 0[illegible]-11[illegible]

CONDITION:

SPEED KNTS DIR	1 - 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	1.8	3.6	1.0								7.1	7.5
NNE	.2	.7	1.9	1.0								4.[illegible]	8.[illegible]
NE	.1	.7	.9	.7	.1							2.4	9.[illegible]
ENE	.7	.7	2.1	2.4	.1							6.[illegible]	9.3
E	.7	2.3	3.6	2.8	.1							9.4	8.4
ESE	.2	.7	1.3	1.3	.2							3.[illegible]	9.[illegible]
SE	.1	.4	1.[illegible]	.4	.4							2.4	10.4
SSE	.4	.7	.4	.4								2.[illegible]	7.[illegible]
S	.4	.[illegible]	2.8	.9	.1							5.1	8.3
SSW	.6	.3	2.6	2.1	1.3	.2						7.1	11.6
SW	.3	.7	2.0	1.9	.7	.1	.2					5.9	11.6
WSW	.3	1.9	3.4	2.0	.1							7.8	8.8
W	1.1	2.9	4.7	3.6	.2	.1						12.5	8.7
WNW	1.0	3.[illegible]	3.7	3.9	.1							11.7	8.6
NW	.8	2.6	1.1	1.1								5.5	6.9
NNW	.6	1.8	1.6	1.4								5.5	7.6
VARBL													
CALM												1.6	
#	3.5	22.2	36.5	27.0	3.6	.4	.2					1[illegible]0.[illegible]	8.7

TOTAL NUMBER OF OBSERVATIONS 901

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
7746	SOUCOMBE DOWN UK	73-82	AUG

CLASS: ALL WEATHER

HOURS LST: 1200-1400

CONDITION:

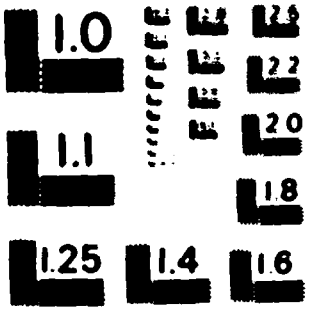
SPEED KNTS OVR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.5	3.2	.6								6.7	7.2
NNE	.2	.2	.6	1.2								2.7	9.5
NE		.2	.9	.3	.1							2.2	8.3
ENE		.3	2.4	1.1								4.3	7.1
E	.5	.2	2.4	3.4	.4							7.2	9.5
ESE	.2	1.1	1.3	.3	.1							4.1	6.7
SE	.2	.5	1.2	1.3	.1							3.7	9.4
SSE	.6	.7	1.7	1.0								3.9	6.1
S	.2	1.2	2.1	3.2	.3							6.9	10.4
SSW	.2	1.3	1.5	2.6	1.6	.6						7.7	12.4
SW	.1	.6	1.5	3.4	1.2	.3						7.1	13.2
WSW	.7	1.2	2.6	2.4	.2							7.7	6.8
W	.2	1.7	5.4	6.8	.4	.1						14.7	10.4
WNW	.4	1.6	3.1	2.0	.6	.1						7.8	9.5
NW	.3	1.3	3.2	1.2	.1	.2						6.2	8.9
NNW	.4	1.8	2.8	1.0								6.0	7.2
VARBL													
CALM												.9	
	5.0	19.5	35.6	32.6	5.0	1.2						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 893

USAFETAC FORM 0-9 (OL-A) 1 OCT 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A128 120 BOSCOMBE DOWN UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHER O..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83 2/5

UNCLASSIFIED USAFETAC/DS-83/006 SBI-AD-E850 370 F/G 4/2 NL


1.0
2.5
2.2
2.0
1.1
1.8
1.25
1.4
1.6

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	AUG

CLASS	HOURS (LST)
ALL WEATHER	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	.4	1.8	1.2	.5								4.3	6.4
NNE	.3	1.5	1.7	.6	.1							4.2	7.6
NE	.3	1.2	1.7	.3								3.6	7.4
ENE	.7	.3	1.5	1.8								4.3	9.4
E	.6	.8	2.4	1.7	.1							5.5	8.7
ESE	.7	.2	.6	1.1	.1							2.7	8.5
SE	.2	.2	.7	.7								1.8	9.1
SSE	.2	.3	1.5	2.5	.1							4.6	10.2
S	.3	1.0	2.7	2.5	.2							6.8	9.8
SSW	.1	.8	2.0	4.9	1.4	.1						9.3	12.6
SW	.3	.8	2.3	4.3	1.5	.5						9.6	12.3
WSW		1.4	1.8	1.9	.1							5.2	9.3
W	.3	1.7	4.9	7.0	1.2							15.1	10.8
WNW	.6	1.5	2.8	3.4	.7							8.9	10.1
NW	.7	2.3	2.9	1.0	.5							7.3	8.1
NNW	.7	2.3	2.5	.6	.1							6.1	7.3
VARBL													
CALM												1.0	
	6.5	18.1	33.1	34.7	6.1	.6						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 886

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
037460	BOSCOMBE DOWN UK	73-82	AUG

CLASS: ALL WEATHER

HOURS (L S T): 1800-2000

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	3.3	1.4	.7								5.9	6.5
NNE	.5	1.2	.3	.1								2.2	5.4
NE	.1	1.1	1.8	.6								3.6	7.7
ENE	.5	1.5	1.9	.2								4.1	6.6
E	.9	1.6	1.6	1.4								5.5	7.4
ESE	.1	.3	.7	.2								1.4	7.5
SE	.7	.3	1.0	.5								2.5	6.8
SSE	.2	1.5	1.0	.5		.1						3.3	7.3
S	1.2	2.8	5.1	1.0	.1	.1						10.5	7.4
SSW	.1	1.7	5.0	4.2	.9							11.9	10.3
SW	.1	1.1	2.5	2.6	.5	.2	.1					7.2	11.3
WSW		3.5	2.3	.9								6.7	7.3
W	.5	2.8	5.1	4.3	.1							12.8	9.0
WNW	.8	3.4	3.2	2.8	.1							10.3	8.2
NW	.3	2.7	2.2	1.1								6.4	7.5
NNW	.7	1.1	.5	.3								2.6	5.8
VARBL													
CALM												3.2	
	7.3	30.2	35.6	21.5	1.7	.5	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 880

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

037460 (STATION) BOSCOMBE DOWN UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.7	1.3	.3								5.0	5.9
NNE	.3	.8	.4	.1								1.7	5.6
NE	.1	.6	.9	.8								2.4	9.0
ENE	.2	.8	1.7	.6								3.2	7.8
E	.7	2.9	2.7	2.4								8.6	8.2
ESE	.2	.9	.6	.1	.1							1.9	6.8
SE	.2	.9	.3	.2								1.7	6.1
SSE	.7	1.3	.6									2.6	5.2
S	.9	3.6	3.9	.8	.1							9.3	6.9
SSW	.6	2.2	3.6	2.8	.2		.1					9.5	9.0
SW	.6	1.5	2.9	1.7	.4	.1	.2					7.4	9.6
WSW	.9	3.0	2.8	.7								7.4	6.5
W	2.4	3.8	3.4	2.0								11.5	6.7
WNW	3.8	5.5	2.2	.6								12.1	5.0
NW	1.8	2.9	1.0	.3								6.0	5.1
NNW	.9	2.0	.7									3.6	5.2
VARBL													
CALM												6.0	
	14.9	35.4	29.0	13.3	.9	.1	.3					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 893

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

37467 BOSCOMBE DOWN UK 73-82 AUG

STATION STATION NAME YEARS MONTH

ALL WEATHER ALL

HOURS TIME

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
N	.8	2.5	2.1	.5								5.9	6.0
NNE	.3	1.1	.8	.6	.0							2.8	7.3
NE	.2	.8	1.1	.5	.0							2.6	6.5
ENE	.5	.8	2.0	1.1	.5							4.9	6.7
E	.7	1.9	3.1	2.5	.1							8.2	6.5
ESE	.5	.7	.7	.6	.1							2.5	7.5
SE	.4	.5	.7	.4	.1							2.1	7.7
SSE	.4	.9	.8	.5	.5	.5						2.7	7.0
S	.7	1.9	3.3	1.4	.2	.5						7.6	8.1
SSW	.3	1.2	2.7	3.0	.8	.2	.5					8.3	10.8
SW	.4	.8	2.1	2.1	.6	.2	.1					6.4	11.1
WSW	.6	2.3	2.5	1.3	.1							6.8	7.7
W	1.3	2.9	4.0	3.4	.3	.5						11.9	8.4
WNW	2.4	3.2	2.3	1.8	.2	.0						9.9	6.8
NW	1.9	2.4	1.6	.8	.1	.5						6.8	6.2
NNW	.9	1.9	1.4	.5	.0							4.7	6.4
VARBL													
CALM												6.4	
	12.4	25.8	31.1	21.0	2.6	.6	.1					100.2	7.5

TOTAL NUMBER OF OBSERVATIONS 7188

USAFETAC FORM AUG 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] BOSCOMBE DOWN UK [illegible] 79-83 [illegible]

ALL WEATHER

SPEED (KNTS) / DIR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
N	.5	2.5	1.2												4.2	5.7
NNE	.2	.8	.8	.3		.1									2.4	6.6
NE	.7		.5			.3									1.4	7.4
ENE	.1	.4	.3	.1											1.1	6.3
E	.7	1.6	2.6	2.2											6.9	8.9
ESE	.5	.7	1.1	.6											2.9	7.3
SE	.7	1.4	1.5	.7											4.3	6.7
SSE	.8	1.5	1.8	.2											4.3	6.3
S	.7	2.9	6.3	2.5	.1										12.6	8.2
SSW	.8	1.6	2.7	3.4	1.1	.1									9.7	10.4
SW	.5	1.5	3.4	2.5	.5	.1	.1								8.7	10.3
WSW	1.4	2.6	3.9	2.0	.5										12.3	8.2
W	1.0	2.6	1.5	1.3											6.1	6.9
WNW	2.3	3.6	.5	.8											7.1	5.1
NW	2.7	1.2	.5	.5	.2										5.1	5.5
NNW	1.1	1.7	1.1	.3	.1										3.7	6.4
VARBL																
CALM															0.0	
	14.5	25.8	29.8	17.1	2.5	.6	.3								100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 883

USAFETAC FORM 0-8-5 OLD [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS

[illegible] ADCOMBE DOWN UK | 73-0[illegible] | SEP

ALL WEATHER | 0100-0500

SPEED KNTS DIR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	%	MEAN WIND SPEED
N	1.2	2.1	1.5	.7	.2	.1													5.7	6.8
NNE	.3	.1	.7	.7															[illegible]	7.9
NE	.3	.7	.6																1.2	5.6
ENE	.6	.5	.6	.2															1.8	5.9
E	.7	1.7	3.7	1.6															8.8	6.3
ESE	.6	1.5	1.1	.0		.1													4.2	7.8
SE	.6	1.7	1.7	.3															3.9	6.9
SSE	.3	1.1	2.0	.0															4.4	6.[illegible]
S	1.1	3.6	5.3	2.0	.5	.1													12.7	8.1
SSW	.8	1.6	3.2	2.5	.9	.2													9.2	10.0
SW	.7	.9	3.6	2.3	.2														7.5	9.1
WSW	.8	2.2	3.5	2.8	.1														9.4	8.7
W	1.7	2.[illegible]	1.6	.8	.1	.1													6.4	6.5
WNW	1.9	2.7	.7	.8		.5													5.7	6.4
NW	2.3	1.6	.5	.6	.1														5.0	5.3
NNW	1.6	1.1	.6	.3	.1														3.5	5.[illegible]
VARBL																				
CALM																			11.1	
	15.3	23.2	30.8	16.8	2.3	.9													100.3	6.9

TOTAL NUMBER OF OBSERVATIONS 881

USAFETAC [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

03786 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
SEP — 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	.6	1.7	2.2	.9								5.4	7.4
NNE	.3	1.0	1.0	.3	.1							2.9	7.1
NE	1.0	.2	.5									1.7	4.2
ENE	.6	.2	.8	.7								2.3	7.7
E	1.2	.8	3.0	1.6	.3							6.9	8.4
ESE	.6	.8	1.5	.3								3.2	6.4
SE	.6	1.4	1.8	.9								4.7	7.5
SSE	.7	1.3	2.0	.7	.2	.2						5.1	8.6
S	1.7	3.3	5.0	1.8	.3	.1						12.3	7.6
SSW	.8	1.6	2.8	3.3	.8	.2						9.6	10.4
SW	.9	2.0	1.5	2.4	.5	.1	.1					7.5	9.6
WSW	.5	2.0	2.9	2.6		.1						8.1	8.9
W	1.6	1.2	2.1	1.8	.5							7.1	8.4
WNW	2.9	1.6	.9	.6	.8							6.8	6.5
NW	2.5	1.0	.7	.6								4.8	4.7
NNW	1.0	1.6	.7	.3	.2							3.9	6.1
VARBL													
CALM												7.6	
	17.5	21.8	29.3	19.1	3.8	.8	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 868

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
037460	BOSCOMBE DOWN UK	73-82	SEP

CLASS: ALL WEATHER

HOURS (L S T): 0900-1100

CONDITION:

SPEED (KNTS) DIR.	1 - 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	1.6	1.7	1.9	.2							5.6	9.0
NNE	.1	.9	.8	1.1								3.0	8.9
NE	.2	.5	.9	.3								1.9	7.3
ENE	.1	.3	1.0	.7								2.2	8.9
E	.7	1.2	2.5	1.5	.5							6.4	8.9
ESE	.5	1.1	.7	1.0	.2							3.5	9.1
SE	.3	.7	.9	.6	.1							2.6	8.0
SSE	.7	.8	1.6	2.0	.3	.1						5.6	9.8
S	.7	1.7	3.4	3.9	.7	.5						10.8	10.7
SSW	.3	.5	3.1	6.7	1.1	.5						12.2	12.2
SW	.5	.5	.8	2.8	.9	.3	.2					6.0	13.0
WSW	.2	1.0	3.1	5.0	.1							9.4	10.3
W	.9	1.5	3.3	5.2	.8	.6						12.3	11.0
WNW	.8	1.5	1.5	2.4	.8	.2						7.2	10.2
NW	.7	.9	.3	.8	.3							3.1	8.7
NNW	.9	1.6	1.6	1.1	.2	.1						5.6	8.0
VARBL													
CALM												2.6	
	8.0	16.2	27.2	37.2	6.4	2.3	.2					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 880

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
SEP — MONTH
ALL WEATHER — CLASS
1200-1400 — HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.4	1.8	2.3	.2							6.3	9.1
NNE		.5	.8	.8								2.1	8.9
NE	.1	.5	.7	.1								1.4	7.2
ENE	.3	.3	1.3	.1								2.1	7.1
E	.6	.3	.7	1.8	.1							3.5	9.9
ESE	.2	.8	.8	1.6	.1							3.5	9.8
SE	.3	.3	.9	1.0								2.6	9.0
SSE	.5	1.1	1.1	1.4	.5	.1						4.6	9.8
S	.5	1.1	2.5	6.9	1.1	.2						12.3	11.9
SSW	.2	.7	1.4	6.7	2.5	.9	.3					12.8	14.4
SW	.6	.5	.7	4.7	1.4	.1						7.9	12.8
WSW	.3	1.8	1.8	4.6	.5	.2						9.3	10.5
W	.1	1.4	3.4	7.1	2.1	.3						14.4	12.3
WNW	.5	1.3	2.1	2.3	1.3	.7						8.0	11.8
NW	.2	1.9	1.7	1.6		.1						5.6	8.5
NNW	.2	.7	1.4	.3	.2							2.9	8.7
VARBL													
CALM												.8	
	5.3	14.5	23.1	43.3	9.9	2.7	.3					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 875

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

(37463) BOSCOMBE DOWN UK — STATION — STATION NAME

7?-8? — YEARS

ALL WEATHER — CLASS

[illegible] — MONTHS

[illegible] — HOURS

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-64	%	MEAN WIND SPEED
N	.6	1.7	2.4	1.6	.1							[illegible]	[illegible]
NNE	.1	.9	.7	.9								[illegible]	[illegible]
NE	.1	.3	.6									[illegible]	[illegible]
ENE	.2	.3	.6									[illegible]	[illegible]
E	.2	.2	1.1	1.3	.2							[illegible]	[illegible]
ESE	.5	.3	.5	1.8								[illegible]	[illegible]
SE	.5	.2	.9	1.8	.1							[illegible]	[illegible]
SSE	.1	.5	1.7	1.5	.1	.3						[illegible]	[illegible]
S	.9	.8	4.7	5.8	.9	.3	.1					13.5	[illegible]
SSW	.1	.6	2.5	5.6	2.7	.5	.1					11.6	13.0
SW		.2	1.5	4.2	2.0	.1	.1					[illegible]	[illegible]
WSW	.2	1.6	2.5	3.4		.2						[illegible]	[illegible]
W	.6	3.1	4.6	6.4	1.6	.2						16.4	[illegible]
WNW	.2	1.6	2.3	3.4	1.4	.2						9.1	11.0
NW	.1	1.0	1.6	1.5	.2	.2						4.7	[illegible]
NNW	.5	1.0	1.3	.2								3.0	6.0
VARBL													
CALM												.7	
	4.9	14.3	28.8	39.4	9.4	2.2	.3					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 879

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

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED FROM HOURLY OBSERVATIONS

[illegible] ACCOMPANY DOWN [illegible] [illegible]

ALL WEATHER

SPEED (KNOTS) / DIR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	MEAN WIND SPEED
N	.8	3.2	2.1	.7											[illegible]	[illegible]
NNE	.1	.5	1.7												[illegible]	[illegible]
NE	.1	.7	.5	.7		.7									[illegible]	[illegible]
ENE		.7	.7	.1	.1										[illegible]	[illegible]
E	.2	.5	1.2	1.8	.2										[illegible]	[illegible]
ESE	.8	.5	1.3	1.7											[illegible]	[illegible]
SE	.6	.7	1.7	.7											[illegible]	[illegible]
SSE	.6	1.6	1.8	1.3		.1	.7								[illegible]	[illegible]
S	.3	3.4	7.3	2.3	.3	.3									16.1	[illegible]
SSW	.1	1.7	6.7	6.9	1.6	.5	.1								17.1	11.7
SW	.1	.2	3.1	2.6	.6										[illegible]	11.2
WSW	.5	2.3	3.3	1.6	.6										[illegible]	[illegible]
W	.3	3.5	6.9	3.9	.2										15.1	[illegible]
WNW	1.1	2.2	3.0	1.6											7.6	7.6
NW	.5	1.7	.7	.8	.2										[illegible]	[illegible]
NNW	.5	.9	1.5	.5											[illegible]	[illegible]
VARBL																
CALM															.7	
	6.7	23.6	38.9	23.9	3.6	1.7	.5								[illegible]	6.6

TOTAL NUMBER OF OBSERVATIONS 677

USAFETAC FORM [illegible] [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS

[illegible] BOSCOMBE DOWN UK 73-8[illegible] [illegible]

ALL WEATHER [illegible]100-2300

SPEED KNOTS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	%	MEAN WIND SPEED
N	.7	1.7	1.7	.7											[illegible]	[illegible]
NNE	.5	.5	1.3	.5											[illegible]	7.0
NE	.2	.7	.6	.3		.[illegible]									[illegible]	[illegible]
ENE	.3	.7	.7	.3											[illegible]	6.1
E	.2	.7	1.9	1.9	.2										[illegible]	[illegible]
ESE	.7	.7	1.6	.5											[illegible]	7.0
SE	.2	1.7	1.1	.6											[illegible]	6.7
SSE	.3	2.[illegible]	1.1	.6	.1										[illegible]	7.3
S	[illegible]	[illegible]	[illegible]	1.3	.1	.1									[illegible]	7.0
SSW	.6	1.7	3.8	[illegible]	1.3	.2	.3	.1							[illegible]	[illegible]
SW	.3	.4	3.6	7.5	.2	.1	.1								[illegible]	[illegible]
WSW	.3	2.7	3.8	1.8	.2										[illegible]	7.0
W	[illegible]	2.5	3.8	.8											[illegible]	[illegible]
WNW	2.6	5.[illegible]	1.9	1.2											[illegible]	5.7
NW	1.[illegible]	1.7		.7											[illegible]	5.0
NNW	.8	.4	1.3	.2											[illegible]	6.3
VARBL																
CALM															7.1	
	11.6	27.2	32.3	18.1	2.2	1.[illegible]	.[illegible]	.1							[illegible]	7.5

TOTAL NUMBER OF OBSERVATIONS 679

USAFETAC [illegible]

GLOBAL CLIMATOLOGY BRANCH
USFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS

[illegible]

ALL WEATHER

SPEED (KNOTS) / DIR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	MEAN WIND SPEED
N	.7	2.[illegible]	1.[illegible]	1.[illegible]	.1	[illegible]										.6	7.[illegible]
NNE	.2	.7	.8	.5	[illegible]	.7										[illegible]	[illegible]
NE	.4	.7	.6	.1		.1										[illegible]	7.[illegible]
ENE	.3	.4	.7	.3	.7											[illegible]	7.[illegible]
E	.6	.5	2.1	1.7	.7											[illegible]	[illegible]
ESE	.5	.8	1.1	1.[illegible]	.7	.7										[illegible]	[illegible]
SE	.5	1.7	1.3	.8	.5											[illegible]	7.7
SSE	.5	1.2	1.7	1.1	.2	.1	[illegible]									[illegible]	[illegible]
S	.9	2.4	4.0	3.3	.5	.3	[illegible]									[illegible]	[illegible]
SSW	.5	1.2	2.9	4.8	1.5	.4	.1	[illegible]								[illegible]	11.5
SW	.4	[illegible]	2.2	[illegible]	.8	.1	.1									[illegible]	11.[illegible]
WSW	.6	2.0	3.1	1.5	.2	.1										[illegible]	[illegible]
W	.9	2.3	3.1	3.4	.7	.2										[illegible]	[illegible]
WNW	1.5	2.3	1.6	1.6	.5	.2										[illegible]	[illegible]
NW	1.3	1.4	.7	.4	.1	[illegible]										[illegible]	[illegible]
NNW	.8	1.1	1.2	.4	.1	[illegible]										[illegible]	[illegible]
VARBL																	
CALM																[illegible]	
	13.5	20.8	29.9	26.8	5.[illegible]	1.4	.3	.3								[illegible]	6.6

TOTAL NUMBER OF OBSERVATIONS 7,[illegible]2

USAFETAC [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS

[illegible] JOSCOMBE DOWN UK — 73-8. — OCT

ALL WEATHER — 0000-1200

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	%	MEAN WIND SPEED
N	.5	2.2	2.2	.6								5.5	6.6
NNE	.3	.7	1.1	.5								2.6	7.5
NE	.4	.1	.7	.3	.2	.1						1.8	9.8
ENE	.5	.5	1.2	.7								2.6	6.1
E	.6	2.7	5.6	3.3	.1							11.4	9.2
ESE	.7	1.1	1.4	.1								3.3	6.1
SE	.4	2.7	2.6	1.7	.5							7.1	8.8
SSE	1.0	1.3	1.6	1.2								5.1	7.2
S	.8	2.6	3.1	1.8	1.7	.7	.1					9.7	9.4
SSW	.4	1.0	1.6	2.2	.7							5.9	10.3
SW	.2	1.0	2.2	1.1	.4							4.9	9.8
WSW	.9	.5	2.0	2.2	.1							5.5	9.1
W	1.0	2.0	1.4	2.7	.8	.2						8.0	9.6
WNW	2.2	2.6	1.8	1.5	.2							8.4	6.9
NW	1.7	1.4	1.1	1.2								5.4	6.3
NNW	.9	1.4	1.4	1.0								4.7	7.1
VARBL													
CALM												6.4	
	12.3	21.9	31.1	21.9	3.8	.5	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 921

USAFETAC FORM 14 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
37450	BOSCOMBE DOWN UK	77-82	OCT

CLASS: ALL WEATHER

HOURS (L S T): 0300-0500

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.4	1.4	1.0	.1							4.6	7.7
NNE	.1	.2	.7	.5								1.5	9.0
NE	.1	.4	.3	1.0	.1	.2						2.2	11.6
ENE	.3	.8	.8	.8	.2							2.8	8.8
E	.3	1.3	6.4	3.6	.2							11.9	9.5
ESE		1.2	1.4	.7								3.3	8.2
SE	.9	2.0	1.5	1.9	.4							6.6	8.5
SSE	.8	1.7	1.2	1.0	.1							4.8	7.5
S	1.1	2.4	4.1	1.4	.5	.3						9.9	8.5
SSW	.1	1.1	1.4	2.0	1.1	.2						5.9	11.6
SW	.2	.7	1.2	.3	.8							3.2	10.4
WSW	.5	1.9	1.3	2.4	.1							6.2	8.8
W	1.3	2.1	1.6	1.7	.5	.1						7.4	8.1
WNW	2.1	3.4	1.5	2.1	.5							9.6	7.5
NW	1.7	2.4	1.4	1.2								6.8	6.2
NNW	.7	1.2	1.0	1.7	.1							4.7	8.5
VARBL													
CALM												8.7	
	10.9	24.1	27.3	23.2	4.9	.9						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 918

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
37462	BOSCOMBE DOWN UK	73-82	OCT

CLASS: ALL WEATHER

HOURS (L S T): 0600-0800

CONDITION:

SPEED (KNTS) DIR.	1 - 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	1.2								2.8	8.7
NNE	.5	.9	1.1	.5								3.1	7.4
NE	.5	.2	.5	.7	.4							2.4	9.9
ENE	.4	.7	.9	.8	.1							2.8	8.6
E	1.4	1.7	6.4	2.6	.4							12.6	8.4
ESE	.2	1.4	1.9	1.3								4.8	8.4
SE		.7	2.5	.4			.1					3.7	8.9
SSE	.3	1.2	1.7	1.4	.5	.1						5.3	9.8
S	1.1	2.1	3.5	2.0	.2	.1						8.9	8.2
SSW	.2	1.3	2.2	1.5	1.4	.1						6.8	10.8
SW	.1	.2	2.3	.7	.7	.2						4.1	11.0
WSW	.7	1.2	2.0	1.5	.3							5.7	8.8
W	1.2	1.6	2.9	1.4	.7							7.9	8.3
WNW	1.6	2.6	1.7	2.0	.2							8.2	7.3
NW	3.1	2.1	1.2	.8	.1							7.2	5.2
NNW	.4	1.6	1.6	1.6	.2	.1						5.7	8.9
VARBL													
CALM												8.0	
	12.0	20.7	32.8	20.4	5.3	.7	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 917

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
0900-1100 — HOURS (LST)
CONDITION

SPEED (KNTS) / DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.1	1.2	1.8	.2							5.0	9.2
NNE		.2	1.6	.4								2.2	9.0
NE	.3	.4	.7	1.1	.1							2.7	9.3
ENE	.4	.1	.7	1.4								2.7	10.1
E	.7	1.6	3.8	2.5	.9	.1						9.5	9.7
ESE	.9	.9	2.1	2.5	.4							6.9	9.6
SE	.2	.9	.6	1.1	.8							3.5	11.0
SSE	.3	.6	2.5	1.9	.7	.2						6.2	10.9
S	1.3	2.5	3.3	3.4	1.1							11.8	9.5
SSW	.6	.7	1.9	2.3	1.3	.2						7.0	12.1
SW	.3	.4	1.7	2.2	.4							5.1	10.9
WSW	.1	.6	2.2	3.0	.3							6.2	10.8
W	.7	1.0	2.5	2.9	.8							7.9	10.1
WNW	1.4	1.0	1.7	2.9	.4	.2						7.6	9.6
NW	.9	1.0	1.6	2.0	.7							6.1	9.6
NNW	.4	1.9	2.0	2.0	.2							6.5	8.8
VARBL													
CALM												3.1	
	9.3	14.9	29.9	33.6	8.4	.8						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 902

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
1300-1400 — HOUR (LST)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.8	1.9	2.5	.6							6.7	9.3
NNE	.2	.4	1.2	.9	.2							3.0	9.7
NE		.4	.6	1.2	.1							2.3	10.3
ENE	.4	.4	.4	.8	.7							2.8	10.6
E	.3	.2	2.1	1.9	.3							4.9	10.5
ESE	.1	.4	1.2	1.8	.3	.1						4.3	11.2
SE	.3	.6	3.0	2.1	1.3							7.4	10.8
SSE	.1	.2	2.3	2.2	.4	.2						5.6	11.7
S	.3	.4	2.9	4.7	1.8	.7						10.8	12.7
SSW	.6	.2	2.3	3.2	.9	.7						7.9	12.4
SW	.4	.3	.9	2.6	1.6	.2	.1					6.1	13.5
WSW	.3	.6	2.6	4.4	.2	.1						8.2	10.8
W	.6	1.1	2.2	4.7	.6							9.2	10.8
WNW	.7	.6	1.8	2.7	.7	.2						6.6	10.9
NW	.1	1.1	1.5	2.1	.6	.2						5.6	10.9
NNW	.3	.8	2.8	3.1	.4	.1						7.6	10.6
VARBL													
CALM												1.2	
	5.9	8.7	29.8	40.9	10.7	2.6	.1					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 895

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

037860 BOSCOMBE DOWN UK 73-82 DEC

ALL WEATHER 1500-1700

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-	%	MEAN WIND SPEED
N	.3	2.3	2.3	2.2	.4							7.3	9.2
NNE	.2	.6	1.3	.3	.1							2.5	8.1
NE		.2	.3	.8								1.3	10.0
ENE	.3	.4	1.2	.8	.3							3.1	9.8
E	.3	1.6	2.2	2.2	.3							6.6	9.5
ESE	.2	.1	1.2	1.7	.7							3.9	12.1
SE	.1	.6	3.1	2.1	.3							6.2	10.5
SSE	.2	.9	2.2	1.1	.3							4.8	9.2
S	.9	1.1	3.3	4.0	2.3	.1						11.7	11.1
SSW	.4	.9	1.4	3.5	1.2	.1						7.6	11.7
SW	.7	.7	1.6	1.9	.9	.2						5.9	10.9
WSW	.1	.9	3.0	2.4	.2							6.6	9.9
W	.2	1.6	3.2	5.0	.3							10.3	10.1
WNW	.7	1.1	1.8	3.4	.3	.1						7.4	10.0
NW	.7	1.6	2.3	1.8	.4	.1						6.9	9.1
NNW	.2	2.3	2.0	.9	.1							5.5	8.0
VARBL													
CALM												2.2	
	5.6	16.4	32.6	34.1	8.4	.7						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 903

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

C7706 BOSCOMBE DOWN UK — 73-82 — OCT

ALL WEATHER — 1800-2000

SPEED (KNTS) / DIR	1-3	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	1.3								5.7	7.2
NNE	.3	.5	1.0	.3								2.2	7.3
NE	.1	.2	.8	.1								1.2	7.1
ENE	.4	.4	.8	.4	.3							2.4	9.0
E	.3	1.5	3.4	3.1	.2							8.5	9.6
ESE	.4	2.0	2.3	1.4	.4							6.5	8.7
SE	.5	2.1	1.7	1.2								5.6	7.8
SSE	.4	2.4	2.5	.4	.3							6.5	7.9
S	1.0	2.7	4.0	2.1	.4							10.7	8.6
SSW	.4	.8	2.9	2.1	.3	.1						6.7	9.9
SW		.8	2.4	2.0	.4	.1	.1					5.8	10.9
WSW	.4	1.9	3.4	1.4	.1	.2						7.4	8.6
W	1.6	2.1	3.9	2.5								10.1	7.8
WNW	1.3	2.5	2.3	1.3	.1							7.5	6.9
NW	.4	1.2	1.2	.5								3.4	7.1
NNW	.7	1.3	1.3	1.4								4.7	7.7
VARBL													
CALM												5.1	
	9.3	24.4	35.4	22.0	3.2	.4	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 917

USAFETAC FORM 0-1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

03780 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — 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	.8	.9	1.8	.8								4.2	7.2
NNE	.2	.9	.4	.3								1.9	6.9
NE	.5	.2	.7	.2	.2							1.9	7.6
ENE	.3	.7	1.6	.9	.4							4.0	9.6
E	.5	1.5	3.6	4.0								9.7	9.2
ESE	.1	1.6	2.7	.5								5.0	8.0
SE	.4	1.3	2.5	1.5	.2							6.0	8.7
SSE	.2	1.4	2.7	1.1	.2							5.7	8.8
S	.4	3.6	3.1	2.3	.3							9.8	8.6
SSW	.8	.8	1.6	1.2	.5	.1						5.0	9.7
SW	1.0	1.1	2.0	1.3	.2	.3						5.9	9.1
WSW	1.0	.3	4.2	1.5	.2							7.2	6.7
W	.8	2.0	3.4	1.2	.4							7.8	8.4
WNW	2.1	2.9	2.0	1.6	.2							8.8	6.8
NW	1.1	1.0	1.5	.8								4.4	6.7
NNW	.4	1.9	1.2	1.2								4.7	7.7
VARBL													
CALM												8.0	
	10.8	22.1	35.1	20.5	3.1	.4						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 911

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.5	1.6	1.4	.2							5.2	8.2
NNE	.2	.5	1.0	.5	.0							2.4	8.1
NE	.3	.3	.6	.7	.2	.0						2.0	9.6
ENE	.4	.5	.9	.8	.3							2.9	9.3
E	.5	1.4	4.2	2.9	.3	.0						9.4	9.3
ESE	.3	1.1	1.8	1.2	.2	.0						4.7	9.1
SE	.4	1.2	2.2	1.5	.4		.0					5.8	9.3
SSE	.4	1.2	2.1	1.3	.3	.1						5.5	9.2
S	.9	2.2	3.4	2.7	1.0	.2	.0					10.4	9.6
SSW	.4	.8	1.9	2.3	.9	.2						6.6	11.1
SW	.4	.6	1.8	1.5	.7	.1	.0					5.1	10.9
WSW	.5	1.0	2.6	2.3	.2	.0						6.6	9.5
W	.9	1.7	2.7	2.8	.5	.0						8.6	9.2
WNW	1.5	2.1	1.8	2.2	.3	.1						8.0	8.1
NW	1.2	1.5	1.5	1.3	.2	.0						5.7	7.6
NNW	.5	1.6	1.7	1.6	.1	.0						5.5	8.6
VARBL													
CALM												5.6	
	9.5	19.2	31.8	27.0	6.0	.9	.1					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 7284

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
37860	BOSCOMBE DOWN UK	73-82	NOV

CLASS: ALL WEATHER

HOURS (LST): 0000-0200

CONDITION:

SPEED KNTS / DIR	1 - 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	1.5	1.4	.3	.2							4.1	7.2
NNE	.5	.5	1.2	.7	.1							2.9	8.2
NE			.8	.2	.2							1.2	11.7
ENE	.1	.1	.6	.7								1.5	9.5
E	.5	.7	2.3	1.6	.1							5.1	8.9
ESE	.2	.5	1.6	1.1	.2							3.6	9.4
SE		.7	.8	1.1								2.6	9.5
SSE	.1	1.2	1.5	.3								3.2	7.3
S	.5	2.0	6.0	2.7	.3	.5	.1					13.0	9.5
SSW	.5	.6	3.8	3.7	2.3	.9						11.7	12.8
SW	.1	.5	2.5	2.9	1.7	.3	.2					8.0	13.4
WSW	1.0	1.4	2.7	3.4	.2							8.7	9.1
W	1.1	1.6	2.3	4.3	.9	.6						10.7	10.7
WNW	2.1	2.6	1.9	2.1	.6	.7	.1					10.2	9.1
NW	.9	2.1	.9	.7								4.6	6.5
NNW	.6	.6	.5	.6	.6	.3						3.0	11.2
VARBL													
CALM												5.9	
	8.8	17.3	30.4	26.5	7.4	3.3	.5					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 886

USAFETAC FORM JUL 64 DATA 1-LA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] (STATION) BOSCOMBE DOWN UK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) [illegible] (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	1.2	1.3	.8	.1							3.9	7.9
NNE		.3	.6	.9	.6							2.4	11.6
NE		.6	.4	.4	.1	.1						1.7	10.6
ENE	.2	.3	.9	.7	.1	.1						2.4	9.8
E	.1	.4	2.5	1.7								4.7	9.[illegible]
ESE	.4	.2	1.0	.9	.2	.3						3.1	10.[illegible]
SE	.1	.7	1.5	.8	.1							3.1	8.8
SSE	.1	1.0	1.3	.2								2.7	7.8
S	.4	2.8	6.2	3.0	.3	.2	.1					13.1	9.2
SSW	.2	.3	3.4	3.8	1.3	.6						9.7	12.5
SW	.6	.4	3.4	2.8	1.6	.7	.1					9.6	12.3
WSW	.7	1.5	3.9	3.5	.4							10.0	9.6
W	1.3	1.2	2.6	3.4	1.0	1.1	.1					10.8	11.8
WNW	2.1	1.9	2.1	1.1	.6	.2						8.1	7.8
NW	1.6	1.3	1.5	1.0	.2							5.6	7.0
NNW	.3	.7	1.0	1.5	.2							3.7	10.[illegible]
VARBL													
CALM												5.4	
	8.8	15.1	33.6	26.5	7.0	3.4	.3					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 89[illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS

STATION: DOUGLAS DOWN UP — STATION NUMBER: [illegible] — YEARS: [illegible]

ALL WEATHER

SPEED KNTS / DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	64-[illegible]	%	MEAN WIND SPEED
N	.6	.9	1.4	1.2	.3	.1							[illegible]	[illegible]
NNE	.1	.4	.7	.6									[illegible]	[illegible]
NE		.2	.6	.3									[illegible]	[illegible]
ENE	.2	.1	.7	.7	.6	.1							[illegible]	[illegible]
E	.3	1.0	2.0	1.4									[illegible]	[illegible]
ESE	.2	.6	.6	.8	.5	.2							[illegible]	11.4
SE		1.4	1.7	.6	.1								[illegible]	[illegible]
SSE	.2	.9	1.0	.7	.1								[illegible]	[illegible]
S	.7	2.7	5.4	3.5	1.0	.1	.1						13.5	9.8
SSW	.6	1.4	3.3	4.4	2.1	.9							13.9	11.[illegible]
SW	.2	.5	2.6	2.8	1.1	.9	.1						[illegible]	13.4
WSW	.3	.8	2.6	2.9	.2								[illegible]	[illegible]
W	1.4	1.4	2.0	2.9	.9	1.0							9.5	11.[illegible]
WNW	1.2	1.7	1.8	1.6	.9	.5							[illegible]	9.9
NW	1.8	2.0	1.6	.9									[illegible]	[illegible]
NNW	.3	.9	2.4	1.1	.6								[illegible]	[illegible]
VARBL														
CALM													.5	
	8.9	16.5	30.2	26.4	8.5	3.8	.2						100.[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS

ALL WEATHER

N			1.7	.7	1.7	.7	.7								.7	6.7
NNE		.1	.1	.1	.2										.4	2.1
NE		.1	.1	.1	1.4	.7									.4	1.7
ENE		.7	.1	.3	.6	.6	.7								.4	1.7
E		.7	.1	1.7	1.7	.7									4.6	12.7
ESE		.7	.1	1.7	.7	.1									1.1	.4
SE		.5	.3	.3	.7	.7									1.1	.4
SSE		.4	.1	.7	.6										1.1	2.4
S		.1	1.1	2.3	3.3	1.2	.4								1.1	10.7
SSW		.4	.7	2.1	2.7	2.1	1.5	.1							1.7	12.4
SW		.4	.3	2.7	3.6	3.2	.4								1.7	12.4
WSW		.3	.1	3.3	3.1	.6	.1								1.4	10.1
W	1.1	1.1	2.3	4.4	1.1	.7									.7	11.1
WNW	.7	1.4	2.3	3.1	1.3	.3									1.1	11.1
NW	1.4	1.2	1.7	1.6	.1										1.1	7.4
NNW	.6	1.3	1.4	2.4	.7	.7									.6	9.3
VARBL																
CLM															.7	
	7.4	13.3	28.3	31.4	10.2	4.4	.1								1.1	100.0

TOTAL NUMBER OF OBSERVATIONS 8[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS

[illegible]

ALL WEATHER

WIND DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	64 & OVER	TOTAL	MEAN WIND SPEED
N	.5	.7	1.[illegible]	1.6	.7	.2							[illegible]	[illegible]
NNE		.7	1.1	.9									.5	.9
NE			.5	.6	.2	.1							[illegible]	[illegible]
ENE	.1	.7	.5	.2	.5	.5							[illegible]	[illegible]
E	.7	.9	1.5	1.8									[illegible]	[illegible]
ESE	.2	1.1	.1	.6	.2	.1							[illegible]	[illegible]
SE	.5	.7	1.4	.5	.5								[illegible]	[illegible]
SSE	.5	.2	1.1	.1									1.4	[illegible]
S	.7	.7	2.6	1.5	.5	.5							.7	11.1
SSW	.1	.5	1.[illegible]	4.1	2.8	1.8	.5						[illegible]	16.4
SW	.2	.7	1.9	4.[illegible]	1.9	1.4	.1						[illegible]	[illegible]
WSW	.5	1.1	4.[illegible]	.2	.5								[illegible]	[illegible]
W	.7	1.[illegible]	2.5	1.8	1.2	.7	.1						[illegible]	[illegible]
WNW	.2	.5	.7	.9	2.2	.[illegible]							[illegible]	[illegible]
NW	.1	.3	.5	1.[illegible]	.6	.1							.5	13.[illegible]
NNW	.2	.9	2.5	1.5	.3	.2							[illegible]	[illegible]
VARBL														
CALM													[illegible]	
	4.8	10.1	24.1	47.7	11.5	5.5	.7						[illegible]	11.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC [illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] EDWARDS AFB CA — 73-82 — NOV — 1500-1700

ALL WEATHER

SPEED KNOTS DIR	1	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	1.7	.7	.1	.5						.1	6.2
NNE		.8	.9	.6								.2	8.0
NE		.4	1.0	.1	.1	.1						.3	9.6
ENE		.7	.7	1.5	.3	.1						3.3	12.6
E	.3	1.6	1.0	.6	.2							3.7	8.
ESE	.3	.3	.9	.2	.4							.2	7.7
SE	.4	.6	1.0	.8	.1							2.9	8.5
SSE	.7	.5	.8	.2								2.4	6.6
S	.3	2.1	2.7	2.8	.4	.6						8.9	10.4
SSW	.2	.3	2.4	4.6	2.0	1.0	.1	.1				11.2	14.7
SW	.3	1.7	2.8	5.1	1.7	.9	.1					11.1	12.7
WSW	.6	1.4	2.7	5.3	.9		.1					11.4	10.6
W	.4	1.5	3.5	4.3	1.1	1.1						12.3	11.8
WNW	.6	1.5	1.0	3.3	1.8	.2	.1					8.4	12.3
NW	.6	1.2	1.6	1.5	.2							5.1	9.0
NNW	.2	1.0	2.0	1.3	.9							5.4	9.9
VARBL													
CALM												1.9	
	4.9	18.1	27.7	32.7	9.8	4.3	.4	.1				100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 689

USAFETAC [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
37450	BOSCOMBE DOWN UK	73-82	NOV

CLASS	HOURS (LST)
ALL WEATHER	1800-2000

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.2	1.0	.1	.3							4.5	6.4
NNE		.9	.4	.4								1.8	7.8
NE		.2	1.3	.7	.1							2.4	9.7
ENE	.1	.3	.8	.8	.1							2.1	10.2
E		1.1	2.6	1.1	.1							4.9	9.1
ESE	.3	1.1	.7	.2	.3	.2						2.9	9.3
SE	.1	.4	.9	.8								2.2	8.8
SSE	.4	1.3	1.6	.7								4.0	7.1
S	.3	1.7	4.2	2.2	.9	.2	.3					9.9	10.3
SSW	.3	.9	2.6	4.3	2.4	.1						10.6	12.8
SW	.2	.4	3.5	4.0	1.5	.3	.1					10.1	12.7
WSW	.6	1.2	2.7	4.8	.1		.1					9.6	10.2
W	.8	1.9	2.2	4.4	1.2	.8						11.4	11.3
WNW	1.5	3.3	1.9	3.1	.7	.2						10.7	8.9
NW	.9	1.3	1.1	1.1								4.5	7.2
NNW	1.0	1.2	1.2	.8	1.0							5.3	9.1
VARBL													
CALM												2.9	
	7.5	19.8	28.8	29.7	8.8	1.9	.6					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 689

USAFETAC FORM JUL 64 0625 OLDA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	NOV

CLASS: ALL WEATHER

HOURS (LST): 2100-2300

CONDITION:

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.3	1.1	.3	.3							3.3	7.3
NNE	.3	.5	.9	.6								2.7	7.5
NE	.1	.7	1.1	.7								2.6	8.1
ENE		.1	1.0	.6	.3							2.0	10.9
E		.6	3.6	1.0	.2							5.4	9.4
ESE		.6	.7	.3		.1						1.7	9.2
SE	.1	.3	1.1	1.2		.1						2.9	10.2
SSE	.1	.7	2.0	.7								3.5	8.1
S	.3	1.6	6.7	1.6	.7	.2						11.1	9.4
SSW	.2	.7	3.1	5.3	1.7	.9						11.9	12.9
SW	.1	.6	3.0	4.3	1.0	.2	.1					9.3	12.0
WSW	.6	.8	3.6	3.0	.2	.2						8.4	10.1
W	1.2	1.1	2.2	6.0	1.3	.4						12.4	11.5
WNW	1.7	2.9	2.2	1.9	.4	.2						9.4	8.2
NW	.7	1.1	1.3	.4								3.6	6.7
NNW	1.1	.8	.9	1.0	.7	.1						4.6	9.0
VARBL													
CALM												4.5	
	7.3	14.7	34.8	28.9	7.0	2.6	.1					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 890

USAFETAC FORM JUL 64 0-8-1 OLD-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
13760	BOSCOMBE DOWN UK	73-82	NOV

CLASS: ALL WEATHER

HOURS (LST): ALL

CONDITION:

SPEED (KNTS) / DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.4	1.2	.8	.2	.1						4.2	8.3
NNE	.1	.6	.8	.6	.1							2.2	9.6
NE	.0	.3	.7	.5	.1	.0						1.7	10.1
ENE	.1	.2	.8	.8	.3	.1						2.4	11.2
E	.3	.9	2.1	1.3	.1							4.7	9.0
ESE	.3	.7	.9	.6	.3	.1						2.8	9.7
SE	.3	.7	1.2	.9	.1	.0						3.1	9.9
SSE	.3	.9	1.4	.4	.0							3.0	7.4
S	.4	2.1	4.7	2.7	.7	.4	.1					11.0	10.0
SSW	.4	.7	2.8	4.4	2.0	1.0	.1	.0				11.4	13.4
SW	.3	.5	2.7	3.7	1.5	.7	.1					9.5	13.0
WSW	.5	1.1	3.3	4.0	.4	.0	.0					9.5	10.1
W	1.0	1.4	2.4	4.4	1.2	.8	.0					11.3	11.6
WNW	1.3	2.0	1.7	2.4	1.0	.5	.0					8.9	10.2
NW	1.0	1.4	1.3	1.3	.1	.0						5.1	7.8
NNW	.5	.9	1.6	1.5	.6	.1						5.3	9.9
VARBL													
CALM												4.0	
	7.3	15.7	29.7	30.4	8.8	3.8	.4	.0				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 7103

USAFETAC FORM JUL 64 0-8-5 OCLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
7786	BOSCOMBE DOWN UK	73-82	DEC

CLASS	HOURS (LST)
ALL WEATHER	0000-1200

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.7	1.9	.5	.1							5.2	7.0
NNE	.1	1.0	.7	.3	.2							2.3	8.2
NE	.3	1.2	.7	.9								3.1	8.0
ENE	.2	.1	.2	.9	.1	.1						1.6	12.2
E	.3	1.2	2.6	4.2	.2							8.5	10.2
ESE	.2	.7	1.1	.8	.1							2.8	8.9
SE	.3	.7	.5	.7	.5							2.7	10.0
SSE	.5	.2	.7	.8	1.0	.1						3.3	12.3
S	.5	1.1	3.0	1.6	.5	.3	.1					7.2	10.2
SSW	.2	.3	2.4	3.5	1.5	1.0	.1					9.1	13.6
SW		.8	1.5	3.4	1.7	.9	.2					8.5	14.3
WSW	.4	1.0	3.5	4.7	.4	.3						10.4	11.0
W	1.1	2.0	3.6	4.5	1.1	1.0	.4					13.7	11.5
WNW	2.0	1.7	1.2	1.4	.8	.3						7.4	8.4
NW	1.7	.8	1.7	.9	.1							5.2	6.9
NNW	.4	.8	1.4	1.0								3.6	8.3
VARBL													
CALM												5.2	
	9.5	15.2	26.7	29.9	8.5	4.0	.9					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 915

USAFETAC FORM 0L 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

03953 BOSCOMBE DOWN UK — STATION / STATION NAME
73-82 — YEARS
DEC — MONTH
ALL WEATHER — CLASS
0300-0500 — HOURS (LST)
CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.2	1.7	1.6								5.1	8.4
NNE	.3	.2	.4	.9	.2							2.1	9.9
NE	.3	.3	.4	.2								1.3	6.3
ENE	.5	.3	1.1	1.5	.3	.1						3.9	10.5
E	.2	1.2	2.4	.6	.5							8.0	10.2
ESE	.3	.3	.7	1.4	.2							3.0	10.9
SE	.3	.2	.9	1.0	.7	.1						3.2	11.2
SSE	.7	.4	.5	.9	.3	.8						3.6	12.4
S	.5	1.1	3.3	2.0	1.0	.1						8.0	10.2
SSW	.4	.9	2.4	3.2	.9	.5						8.3	11.8
SW	.1	.2	1.4	2.5	1.5	.8	.2					6.8	14.9
WSW	.4	1.7	4.0	4.6	.5	.1						11.5	10.1
W	1.1	2.4	3.1	5.4	1.3	.9		.3				14.4	11.6
WNW	1.2	2.2	1.2	1.5	1.3	.5						8.0	10.2
NW	1.7	1.0	.4	.1	.3							3.6	5.5
NNW	.7	1.1	1.4	1.6	.1							4.9	8.7
VARBL													
CALM												4.4	
	9.5	14.9	25.5	32.0	9.3	3.9	.2	.3				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 915

USAFETAC FORM JUL 64 0861 DATA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
3746	BOSCOMBE DOWN UK	73-82	DEC

CLASS	HOURS (L.S.T.)
ALL WEATHER	0600-0800

CONDITION

SPEED KNTS / DIR	1 - 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	1.1	1.4	1.6		.1						5.0	6.2
NNE	.2	.7	1.0	.9	.1							2.8	8.7
NE	.2	.7	.2	.2								1.3	6.6
ENE	.2	.5	1.1	1.1	.1	.2						3.3	10.4
E	.1	.5	1.9	4.6	.7							7.8	11.9
ESE	.2	.7	.2	1.5	.8							3.4	12.3
SE	.2	.5	.7	.3	1.1							2.8	11.2
SSE		.1	.5	1.0	.1	.7	.1					2.5	16.5
S	.3	1.2	3.1	2.6	1.2	.5						9.0	11.3
SSW	.3	.9	2.0	3.7	.5	.7						8.1	11.9
SW	.4	.4	2.3	3.7	.9	.3						8.1	12.2
WSW	.4	1.2	3.3	4.6	1.1	.1						10.7	10.9
W	1.4	1.7	3.4	5.3	1.0	1.1						14.0	11.2
WNW	1.9	1.3	1.2	2.8	.4	.4						8.1	9.4
NW	1.4	1.1	.4	.9	.2							4.0	6.9
NNW	.5	.5	1.7	1.6	.2							4.7	9.2
VARBL													
CALM												4.5	
	8.7	13.2	24.3	36.6	8.4	4.1	.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 916

USAFETAC FORM JUL 64 0-8-5 CL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	DEC

CLASS: ALL WEATHER

HOURS (LST): 0900-1100

CONDITION:

SPEED KNTS / DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.8	.9	1.5	.2							5.1	8.1
NNE		.4	.8	.7								1.8	9.4
NE	.2	.3	.1	.5								1.2	8.0
ENE	.2	.2	1.1	1.6	.4	.3						3.9	12.1
E	.4	.8	1.6	4.5	.3							7.6	10.9
ESE	.1	.2	.3	1.0	.9	.1						2.6	13.9
SE	.3	.3	.8	1.1	1.0	.2						3.7	12.7
SSE	.7	.5	.3	.7	.5	.1						2.8	10.1
S	.5	.9	3.8	2.2	1.7	.9						10.0	12.1
SSW	.2	.9	2.1	3.3	1.3	.4						8.1	12.2
SW	.2	.8	1.8	2.3	1.5	.2						6.8	12.4
WSW	.8	1.2	2.4	5.3	.8	.1						10.5	10.9
W	1.1	1.2	3.3	7.1	1.4	1.2						15.2	12.0
WNW	1.4	.8	1.5	2.3	.5	.8						7.3	10.6
NW	2.0	1.5	.2	.8	.1							4.6	5.6
NNW		.9	1.4	1.8	.1	.2						4.5	10.9
VARBL													
CALM												4.2	
	8.8	12.7	22.4	36.5	10.9	4.6						100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 921

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
A.W. WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
37405	BOSCOMBE DOWN UK	73-82	DEC

CLASS	HOURS (L S T)
ALL WEATHER	1200-1400

CONDITION

SPEED KNTS / DIR	1 - 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	1.4	1.7	2.3	.3							6.2	9.3
NNE	.2	.4	.8	.7								2.1	8.9
NE	.2	.3	.6	.4		.2						2.2	9.1
ENE	.3	.4	.9	1.8	.3							3.8	10.9
E	.6	.5	1.1	2.9	.2							5.5	9.8
ESE	.4	.1	.3	1.7	.8							3.3	12.5
SE	.2	.3	.7	1.8	.9	.7						4.5	13.9
SSE	.2	.7	.2	.4	.6	.2						2.3	12.4
S	.6	1.3	.9	3.1	2.0	.2	.2					8.7	12.3
SSW	.4	.7	1.5	1.8	2.0	.4						6.9	13.[illegible]
SW	.2	.4	1.8	3.0	2.2	.9						8.5	14.[illegible]
WSW	.3	.7	2.4	4.1	.6	.1						8.2	11.1
W	1.2	1.1	3.4	7.1	2.2	1.1	.1					16.2	12.4
WNW	1.0	.3	1.5	4.1	1.9	1.5						10.4	13.6
NW	.4	1.0	.8	.8	.6	.1						3.6	9.7
NNW	.8	1.0	.6	2.0								4.3	9.3
VARBL													
CALM												3.2	
	7.6	11.9	19.1	37.8	14.5	5.5	.3					100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 905

USAFETAC FORM JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	EDSCOMBE DOWN UK	73-82	DEC

CLASS: ALL WEATHER

HOURS (LST): 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	.7	1.7	1.7	1.3		.1						5.5	8.1
NNE	.2	.7	.5	.9	.1							2.1	9.1
NE	.7	.5	.7	.5								2.4	6.6
ENE		.7	.7	1.4	.3	.1						3.2	11.4
E	.3	.7	1.5	2.2								4.7	9.6
ESE	.2	.3	.5	1.7	.1							2.9	10.6
SE	.1	.4	1.3	1.5	.4	.4						4.2	12.7
SSE	.1	.3	1.4	1.6	.7	.2						4.4	12.2
S	.5	1.5	1.8	2.7	1.6		.3					8.6	11.7
SSW	.1	.3	2.5	2.3	1.8	.1						7.2	12.5
SW		.8	1.6	3.0	1.6	.9	.2					8.2	14.1
WSW	.3	1.8	3.3	2.3	.4							8.2	9.4
W	.9	1.5	4.4	6.6	1.8	1.8						17.1	12.4
WNW	.8	1.1	2.1	3.7	.4	.1						8.2	10.2
NW	.3	1.4	1.2	1.3	.1							4.4	8.2
NNW	1.0	1.4	1.4	1.4	.2	.1						5.5	8.3
VARBL													
CALM												3.4	
	6.2	14.9	26.7	34.6	9.8	3.9	.5					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 919

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A.F. WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BOSCOMBE DOWN UK	73-82	DEC

CLASS: ALL WEATHER

HOURS (LST): 1800-2000

CONDITION:

SPEED KNTS OR	1 - 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	1.7	2.3	.8	.1							5.0	8.0
NNE	.8	.7	.4	.5								2.4	6.6
NE	.4	.8	.3	.3								1.8	6.4
ENE	.7	.1	.2	1.1	.5	.2						2.8	11.6
E	.2	1.2	2.4	2.6	.4	.1						6.9	10.5
ESE	.3	.3	1.0	1.0	.4							3.0	10.7
SE		.5	1.5	1.4	.8	.4						4.7	12.4
SSE	.4	.4	.5	1.3	.9	.2		.1				3.9	12.8
S	.2	1.6	3.5	2.1	1.6	.5	.1					9.7	11.7
SSW		.7	2.1	3.1	1.0	.4	.3					7.6	13.1
SW	.1	.4	2.2	2.5	1.4	.5						7.2	13.4
WSW	.3	2.7	2.7	2.9	.7							9.3	9.4
W	1.3	1.5	3.9	4.7	2.0	1.0	.1					14.1	12.1
WNW	2.1	1.8	1.7	2.5	.1	.2						8.5	8.1
NW	.7	.3	1.3	.7	.3							3.3	8.8
NNW	.4	.9	2.4	1.1	.1	.1						4.9	8.8
VARBL													
CALM												5.0	
	7.7	15.6	28.4	28.5	10.3	3.8	.5	.1				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 922

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] COCOMBE DOWN UK — 73-82 — [illegible]
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [illegible]
CLASS — HOURS [illegible]

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.7	1.4	.5	.2							[illegible]	[illegible]
NNE	.5	.3	.4	.3								[illegible]	[illegible]
NE	.1	.2	.2	.5								[illegible]	[illegible]
ENE	.1	.4	.4	1.5	.1		.3					[illegible]	[illegible]
E	.3	1.3	2.7	3.0	.2							7.6	[illegible]
ESE	.2	1.[illegible]	.4	.4	.3							[illegible]	[illegible]
SE	.1	.2	.7	1.8	1.3	.3						[illegible]	[illegible]
SSE	.1	.7	1.[illegible]	1.[illegible]	.5							[illegible]	[illegible]
S	.8	2.1	3.3	1.3	1.[illegible]	.1	.1					[illegible]	[illegible]
SSW	.1	.7	1.4	3.8	2.3	.4	.2					[illegible]	14.7
SW	.1	.3	2.2	2.9	1.2	.[illegible]						7.3	[illegible]
WSW	.8	1.[illegible]	2.7	4.2	1.[illegible]	.[illegible]						[illegible]	[illegible]
W	1.5	2.[illegible]	3.4	4.3	1.7	1.[illegible]	.2					14.1	11.5
WNW	1.7	1.7	2.5	1.5	.3	.5						[illegible]	[illegible]
NW	.9	1.1	1.8	1.4	.1	.1	.1					5.5	[illegible]
NNW	.5	.6	1.1	.9								3.3	7.8
VARBL													
CALM												[illegible]	
	[illegible]	16.3	[illegible]	29.6	10.3	3.3	1.[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS

[illegible] COLUMBUS DOWN UP — [illegible]

ALL WEATHER

SPEED KNTS DIR	[illegible]	4-6	7-10	[illegible]	[illegible]	22-27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	MEAN SPEED
N	.7	1.[illegible]	1.8	1.7	.1	.[illegible]							.7	[illegible]
NNE	.7	.5	.6	.6	.1								[illegible]	[illegible]
NE	.3	.6	.4	.5		.[illegible]							[illegible]	[illegible]
ENE	.7	.4	.7	1.4	.3	.1	.[illegible]						[illegible]	[illegible]
E	.3	1.[illegible]	2.[illegible]	3.8	.7	.[illegible]							[illegible]	[illegible]
ESE	.3	.4	.6	1.2	.4	.[illegible]							[illegible]	[illegible]
SE	.2	.5	.9	1.2	.8	.7							[illegible]	[illegible]
SSE	.3	.4	.7	1.[illegible]	.6	.7	.[illegible]	.[illegible]					[illegible]	[illegible]
S	.5	1.4	2.8	2.2	1.3	.3	.1						.7	[illegible]
SSW	.2	.5	2.[illegible]	3.1	1.4	.5	.1						[illegible]	[illegible]
SW	.1	.[illegible]	1.9	2.9	1.5	.6	.1						[illegible]	[illegible]
WSW	.5	1.4	3.3	4.1	.7	.1							[illegible]	[illegible]
W	1.2	1.7	3.5	5.6	1.6	1.1	.1	.3					[illegible]	[illegible]
WNW	1.5	1.4	1.6	2.5	.7	.6							[illegible]	[illegible]
NW	1.1	1.[illegible]	1.3	.8	.2	.[illegible]	.[illegible]						[illegible]	[illegible]
NNW	.5	.9	1.4	1.4	.1	.1							[illegible]	.9
VARBL														
CALM													[illegible]	
	.4	14.3	24.8	37.2	10.2	4.1	.4	.1					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS

ALL WEATHER

SPEED KNOTS 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	.2	2.[illegible]	2.1	1.3	.1	.[illegible]						[illegible]	[illegible]
NNE	.3	.[illegible]	1.4	1.2	.1	.[illegible]						4.[illegible]	[illegible]
NE	.2	.[illegible]	1.2	1.2	.2	.						3.5	[illegible]
ENE	.3	.[illegible]	1.7	1.5	.4	.1	.[illegible]					4.[illegible]	[illegible]
E	.5	1.7	2.[illegible]	[illegible].3	.4	.1	.[illegible]					[illegible]	[illegible]
ESE	.1	.[illegible]	1.0	.9	.2	.1		.[illegible]				3.1	[illegible]
SE	.2	.[illegible]	1.1	1.1	.3	.1	.[illegible]	.[illegible]				3.6	[illegible]
SSE	.4	.[illegible]	1.2	.9	.2	.1	.[illegible]	.[illegible]				3.6	[illegible]
S	.6	1.3	3.5	2.5	.8	.1	.[illegible]	.[illegible]				[illegible].6	10.[illegible]
SSW	.4	.[illegible]	2.3	3.1	1.1	.4	.1	.[illegible]				[illegible]	12.1
SW	.2	.6	1.9	[illegible].3	.9	.3	.1	.[illegible]	.[illegible]			[illegible]	12.1
WSW	.4	1.3	2.4	[illegible].3	.2	.[illegible]	.[illegible]	.[illegible]				[illegible].7	9.4
W	.9	2.1	3.3	4.1	.9	.7	.[illegible]	.[illegible]				[illegible].7	[illegible]
WNW	1.4	2.2	1.[illegible]	2.2	.6	.[illegible]	.[illegible]	.[illegible]				[illegible]	[illegible]
NW	[illegible].1	1.4	1.3	1.[illegible]	.1	.[illegible]	.[illegible]					[illegible]	7.4
NNW	.6	1.2	1.4	1.1	.[illegible]	.	.[illegible]					4.[illegible]	8.[illegible]
VARBL	—	—	—	—	—	—	—	—	—	—	—		
CALM	—	—	—	—	—	—	—	—	—	—	—	4.[illegible]	
	[illegible].5	1[illegible].1	[illegible]9.8	[illegible]8.7	6.6	2.1	.3	.[illegible]	.[illegible]			1[illegible].[illegible]	[illegible].3

TOTAL NUMBER OF OBSERVATIONS 65,77[illegible]

2

CL RAL CLIMATOLOGY BRANCH
CARETAC
A WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] DOUGLAS [illegible] 73-82 ALL

STATION STATION NAME YEARS MONTH

INSTRUMENT ALL

CLASS HOURS LST

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

WIND DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.5	2.2	1.4	.1	.0						5.8	[illegible]
NNE	.2	.8	1.7	1.4	.2	.0						4.4	9.5
NE	.2	.6	1.3	1.4	.7	.1						3.7	9.6
ENE	.3	.6	1.4	2.0	.6	.1	.0					4.0	11.[illegible]
E	.6	1.4	3.0	7.1	.5	.1	.0					8.7	9.5
ESE	.3	.8	1.1	1.3	.3	.0						3.8	9.5
SE	.2	.8	1.5	1.6	.4	.1	.0	.0				4.7	10.4
SSE	.3	.5	1.3	1.5	.5	.2	.0					4.8	10.6
S	.4	1.5	3.4	4.0	1.9	.9	.2	.0				12.3	12.4
SSW	.2	.8	2.2	4.5	2.3	.9	.2	.1				11.3	14.0
SW	.2	.4	1.4	2.7	1.5	.7	.1	.0				7.0	14.1
WSW	.4	1.0	1.8	2.0	.3	.1	.0					6.5	9.8
W	.7	1.2	2.1	2.5	.7	.3	.0	.0				7.5	10.4
WNW	1.2	.9	.9	.7	.1	.1	.0					4.0	7.3
NW	1.0	1.0	.7	.4	.0	.1						3.1	6.4
NNW	.6	1.0	1.0	.6	.2	.0						3.3	7.9
VARBL													
CALM												5.2	
#	7.7	15.2	26.7	30.9	9.8	3.6	.6	.1				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 2[illegible]450

CARETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 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.

D

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 1948 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.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

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	≥ ⅝	≥ 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																
≥ 0					95.4		96.9			98.3						100.0

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] 73-02 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

15.6	21.9	22.5	24.5	25.5	26.4	27.1	27.8	28.2	28.2	28.2	28.2	28.2	28.6	28.6	29.6
20.1	26.4	27.4	29.7	31.1	32.5	33.4	34.3	34.9	34.9	34.9	34.9	34.9	35.2	35.2	36.2
20.1	26.4	27.4	29.7	31.1	32.5	33.4	34.3	34.9	34.9	34.9	34.9	34.9	35.2	35.2	36.2
20.1	26.4	27.4	29.7	31.1	32.5	33.4	34.3	34.9	34.9	34.9	34.9	34.9	35.2	35.2	36.2
20.2	26.5	27.5	29.8	31.2	32.6	33.5	34.4	35.0	35.0	35.0	35.0	35.0	35.3	35.3	36.3
20.6	27.0	28.0	30.3	31.7	33.0	33.9	35.0	35.5	35.5	35.5	35.5	35.5	35.9	35.9	36.9
21.3	28.3	29.5	32.0	33.4	34.9	35.8	36.9	37.5	37.5	37.5	37.5	37.5	37.8	37.8	38.9
21.7	28.8	29.9	32.6	33.9	35.4	36.3	37.5	38.1	38.1	38.1	38.1	38.1	38.4	38.4	39.4
22.3	29.4	30.5	33.1	34.5	36.0	36.9	38.1	38.6	38.6	38.6	38.6	38.6	39.0	39.0	40.0
22.5	29.6	30.7	33.5	34.9	36.3	37.3	38.4	39.0	39.0	39.0	39.0	39.0	39.3	39.3	40.3
23.0	30.3	31.5	34.3	35.8	37.5	38.5	39.7	40.2	40.2	40.2	40.2	40.2	40.6	40.6	41.6
23.6	31.0	32.5	35.4	37.0	38.9	40.1	41.3	41.8	41.8	41.8	41.8	41.8	42.2	42.2	43.2
24.1	31.8	33.5	36.7	38.3	40.2	41.5	42.7	43.3	43.3	43.3	43.3	43.3	43.7	43.7	44.7
25.0	32.7	34.6	37.8	39.4	41.4	42.6	43.9	44.5	44.5	44.5	44.5	44.5	44.8	44.8	45.8
25.7	33.5	35.4	38.7	40.3	42.3	43.5	44.8	45.4	45.4	45.4	45.4	45.4	45.7	45.7	46.7
28.6	36.9	39.1	43.0	44.7	46.6	47.9	49.5	50.1	50.1	50.1	50.1	50.1	50.4	50.4	51.4
30.7	39.7	42.1	46.2	47.9	49.8	51.2	52.9	53.9	54.1	54.1	54.1	54.1	54.5	54.5	55.5
34.1	43.9	46.7	51.3	[illegible]3.3	55.2	56.7	58.5	59.5	59.8	59.8	59.8	59.9	60.5	60.5	61.5
35.1	45.0	48.3	52.9	55.0	56.9	58.6	60.5	61.5	61.8	61.8	61.8	61.9	62.5	62.5	63.5
36.5	46.9	50.5	55.3	5[illegible].6	59.7	61.4	63.2	64.2	64.6	64.6	64.6	64.7	65.3	65.3	66.3
37.5	50.3	54.4	59.5	62.2	64.3	66.2	68.2	69.3	69.6	69.6	69.6	69.7	70.3	70.3	71.3
37.9	53.0	57.3	62.5	65.1	67.3	69.1	71.4	72.5	72.8	72.8	72.8	72.9	73.5	73.5	74.5
38.4	54.1	58.6	64.1	66.7	69.0	70.9	73.1	74.2	74.5	74.5	74.5	74.6	75.2	75.2	76.2
39.1	55.4	60.3	66.2	68.8	71.2	73.1	75.4	76.5	76.8	76.9	76.9	77.0	77.6	77.6	78.6
39.8	57.3	62.4	68.8	71.8	74.3	76.3	78.7	79.8	80.2	80.3	80.3	80.5	81.0	81.0	82.1
40.5	59.3	65.0	71.5	75.1	77.7	79.8	82.3	83.5	84.0	84.1	84.1	84.2	84.8	84.8	85.8
40.7	59.8	65.6	72.2	76.0	78.6	80.9	83.8	85.0	85.5	85.6	85.6	85.7	86.3	86.3	87.3
40.7	59.9	65.7	72.8	76.8	79.4	81.7	84.6	85.9	86.5	86.6	86.6	86.7	87.3	87.3	88.3
40.7	60.6	66.5	74.4	78.7	81.7	84.0	87.0	88.8	89.4	89.6	89.6	89.7	90.3	90.3	91.3
40.7	60.6	66.6	74.6	79.0	82.4	84.9	88.6	90.6	91.3	91.5	91.5	91.8	92.3	92.3	93.4
40.7	60.6	66.6	74.6	79.0	82.4	85.4	89.4	92.1	93.6	93.9	93.9	94.3	94.9	94.9	95.9
40.7	60.6	66.6	74.6	79.0	82.5	85.5	89.5	92.6	94.2	94.7	94.9	95.3	96.3	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 875

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

47460 BOSCOMBE DOWN UK 73-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

16.6	21.2	27.1	23.0	23.7	24.4	24.8	26.3	26.4	26.5	26.5	26.5	26.5	26.6	26.6	27.8
21.3	27.0	28.4	29.6	30.4	31.4	32.1	33.9	34.1	34.2	34.2	34.2	34.3	34.5	34.5	35.7
21.4	27.1	28.6	29.7	30.5	31.5	32.2	34.0	34.2	34.3	34.3	34.3	34.4	34.7	34.7	35.8
21.6	27.2	28.7	29.8	30.6	31.6	32.3	34.1	34.3	34.4	34.4	34.4	34.5	34.8	34.8	35.9
22.0	27.7	29.1	30.2	31.0	32.1	32.7	34.5	34.8	34.9	34.9	34.9	35.0	35.2	35.2	36.3
22.6	28.3	29.8	30.9	31.7	32.7	33.4	35.2	35.4	35.6	35.6	35.6	35.7	35.9	35.9	37.0
23.4	29.5	31.0	32.2	33.0	34.0	34.7	36.5	36.7	36.8	36.8	36.0	36.9	37.1	37.1	38.3
23.9	30.1	31.7	32.8	33.6	34.7	35.4	37.2	37.5	37.6	37.6	37.6	37.7	37.9	37.9	39.1
24.2	30.4	31.9	33.1	33.9	34.9	35.7	37.5	37.7	37.8	37.8	37.8	37.9	38.1	38.1	39.3
24.5	30.7	32.3	33.4	34.2	5.2	36.0	37.8	38.0	38.1	38.1	38.1	38.3	38.5	38.5	39.6
25.2	31.4	33.0	34.1	34.9	35.9	36.7	38.6	38.8	38.9	38.9	38.9	39.1	39.3	39.3	40.4
26.2	32.6	34.3	35.4	36.5	37.5	38.3	40.2	40.4	40.5	40.5	40.6	40.7	41.0	41.0	42.1
26.5	33.3	35.3	36.5	37.5	38.5	39.3	41.3	41.5	41.6	41.8	41.9	42.0	42.2	42.3	43.6
27.2	34.7	36.7	37.8	38.9	40.0	40.7	42.8	43.0	43.2	43.3	43.5	43.6	43.8	43.9	45.1
27.9	35.7	37.8	39.1	40.2	41.2	42.1	44.1	44.4	44.6	44.7	44.8	44.9	45.1	45.3	46.5
29.8	38.1	40.5	41.9	43.1	44.1	45.1	47.3	47.7	48.0	48.1	48.2	48.3	48.6	48.8	50.0
31.4	40.4	42.8	44.8	46.2	47.2	48.2	50.3	51.0	51.2	51.4	51.5	51.6	51.9	52.0	53.3
34.9	45.3	47.7	50.0	51.5	52.6	53.6	55.8	56.4	56.7	56.8	57.0	57.2	57.7	57.8	59.1
36.6	47.3	50.0	52.5	54.0	55.2	56.2	58.4	59.1	59.4	59.5	59.7	59.9	60.4	60.5	61.9
37.5	49.4	52.6	55.1	56.9	58.5	59.5	61.7	62.6	62.9	63.0	63.2	63.4	63.9	64.0	65.3
40.5	54.9	58.6	61.3	63.2	64.8	65.8	68.1	69.0	69.2	69.3	69.5	69.8	70.2	70.3	71.7
41.8	57.6	61.7	64.7	66.6	68.2	69.2	71.4	72.3	72.6	72.7	72.9	73.1	73.6	73.7	75.2
42.2	58.7	62.9	66.0	68.1	69.6	70.7	72.9	73.8	74.0	74.2	74.4	74.6	75.1	75.2	76.6
43.0	60.4	64.8	68.3	70.5	72.1	73.1	75.5	76.4	76.7	76.9	77.1	77.3	77.8	77.9	79.3
43.5	61.2	65.8	69.6	2.0	73.6	74.6	77.1	78.0	78.4	78.6	78.8	79.0	79.6	79.7	81.2
43.7	63.1	67.9	72.2	74.6	76.3	77.3	79.8	80.9	81.5	81.6	81.8	82.1	82.6	82.7	84.2
43.7	63.2	68.2	72.9	75.5	77.2	78.2	80.8	82.2	82.7	82.8	83.1	83.3	83.9	84.0	85.4
43.7	64.1	69.4	74.5	77.7	79.3	80.4	83.2	84.5	85.2	85.3	85.6	85.8	86.3	86.5	87.9
43.8	64.3	69.8	75.2	78.6	80.6	81.6	84.8	86.3	87.0	87.1	87.4	87.6	88.1	88.3	89.7
43.8	64.3	69.8	75.5	79.0	81.4	82.7	86.1	87.7	88.6	88.7	88.9	89.4	90.1	90.2	91.6
43.8	64.3	69.8	75.5	79.2	81.8	83.6	87.6	89.4	90.6	91.2	91.5	92.2	93.0	93.2	94.9
43.8	64.3	69.8	75.5	79.2	81.9	83.9	87.9	90.0	91.2	92.1	92.6	93.2	94.8	95.0	100.0

TOTAL NUMBER OF OBSERVATIONS 886

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1600-1800

15.3	18.7	19.6	20.4	20.6	21.3	21.9	22.2	22.2	22.6	22.6	22.8	23.1	23.4	23.5	24.1
19.0	23.8	24.9	25.9	26.2	27.3	28.2	28.9	29.0	29.5	29.5	29.7	30.0	30.4	30.5	31.2
19.0	23.8	24.9	25.9	26.2	27.3	28.2	28.9	29.0	29.5	29.5	29.7	30.0	30.4	30.5	31.2
19.3	24.0	25.2	26.1	26.4	27.6	28.5	29.1	29.3	29.7	29.7	29.9	30.3	30.6	30.7	31.4
19.4	24.3	25.4	26.3	26.6	27.8	28.7	29.4	29.5	29.9	29.9	30.2	30.5	30.8	31.0	31.6
20.2	25.4	26.5	27.4	27.8	28.9	29.8	30.5	30.6	31.1	31.1	31.3	31.6	32.0	32.1	32.8
21.9	27.2	28.5	29.4	29.7	30.8	31.7	32.4	32.5	33.0	33.0	33.2	33.6	33.9	34.0	34.8
22.3	27.7	29.0	29.9	30.3	31.4	32.3	33.0	33.1	33.6	33.6	33.8	34.1	34.5	34.6	35.4
22.4	28.1	29.5	30.4	30.7	31.9	32.8	33.4	33.6	34.0	34.0	34.2	34.6	34.9	35.0	35.8
22.4	28.1	29.5	30.4	30.7	31.9	32.8	33.4	33.6	34.0	34.0	34.2	34.6	34.9	35.0	35.8
23.1	28.9	30.3	31.2	31.5	32.7	33.6	34.2	34.4	34.8	34.8	35.0	35.4	35.7	35.8	36.6
24.7	31.9	33.4	34.4	34.7	35.8	36.7	37.4	37.6	38.1	38.1	38.3	38.7	39.0	39.1	39.9
25.5	32.9	34.5	35.5	35.9	37.2	38.1	38.9	39.3	39.9	39.9	40.1	40.5	40.8	41.0	42.1
27.1	35.0	36.7	38.1	38.7	39.9	40.8	41.6	42.1	42.6	42.6	42.9	43.2	43.5	43.8	45.0
27.4	35.9	37.6	39.0	39.7	40.9	41.8	42.6	43.4	44.0	44.1	44.3	44.7	45.0	45.2	46.5
29.8	39.1	41.0	42.6	43.5	44.8	45.7	46.5	47.3	48.0	48.1	48.3	48.6	49.0	49.2	50.5
32.4	42.6	44.7	46.8	48.1	49.5	50.5	51.5	52.3	52.9	53.1	53.3	53.7	54.1	54.3	55.6
35.7	46.9	49.4	51.9	53.4	55.1	56.3	57.5	58.5	59.3	59.4	59.6	60.2	60.7	60.9	62.1
36.8	48.5	51.2	53.7	55.2	57.0	58.3	59.6	60.7	61.5	61.6	61.8	62.4	62.8	63.0	64.3
38.5	52.2	55.1	57.6	59.1	61.2	62.5	63.9	65.0	65.8	65.9	66.1	66.7	67.1	67.3	68.6
40.5	56.2	59.8	62.7	64.2	66.4	67.8	69.5	70.5	71.4	71.5	71.8	72.3	72.8	73.0	74.3
41.3	58.7	62.2	65.3	66.8	69.3	70.7	72.6	73.6	74.5	74.6	74.8	75.4	76.0	76.2	77.4
41.6	59.8	63.4	66.4	68.1	70.7	72.2	74.0	75.1	76.0	76.1	76.3	76.9	77.4	77.7	78.9
41.8	60.9	64.7	68.0	69.7	72.6	74.1	76.0	77.0	77.9	78.0	78.2	78.8	79.4	79.6	80.8
42.3	62.2	66.2	69.7	71.4	74.3	75.9	77.8	78.8	79.8	79.9	80.2	80.7	81.3	81.5	82.8
42.5	62.9	66.9	70.6	72.6	75.7	77.4	79.6	80.6	81.6	81.7	82.0	82.5	83.1	83.3	84.6
42.9	63.9	67.9	71.8	73.8	77.0	78.7	80.8	81.9	82.9	83.0	83.2	83.8	84.4	84.6	85.8
42.9	64.3	68.3	72.1	74.5	77.7	79.6	81.9	83.1	84.1	84.2	84.5	85.0	85.6	85.8	87.1
42.9	64.6	68.7	72.8	75.5	79.0	81.0	83.4	84.8	86.1	86.2	86.4	87.0	87.5	87.8	89.0
42.9	64.9	69.0	73.1	76.4	80.2	82.4	85.6	87.2	88.5	88.8	89.0	89.8	90.4	90.6	92.0
42.9	64.9	69.0	73.1	76.8	80.5	82.9	86.7	88.5	90.2	90.5	90.8	92.1	92.6	92.9	94.7
42.9	64.9	69.0	73.1	76.8	80.6	83.0	87.0	89.0	90.8	91.4	91.8	93.5	94.7	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 882

USAFETAC [illegible] ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

2746 BOSCOMBE DOWN UK 73-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

11.5	15.3	15.8	16.2	16.8	17.1	17.2	17.4	17.6	17.6	17.6	17.8	17.8	17.9	17.9	19.2
18.1	23.4	24.2	25.1	25.9	26.6	26.8	27.3	27.4	27.5	27.5	27.7	27.7	28.3	28.4	29.9
18.5	23.7	24.5	25.4	26.2	26.9	27.1	27.6	27.7	27.8	27.8	28.1	28.1	28.6	28.7	30.2
18.6	23.8	24.6	25.5	26.5	27.1	27.4	27.9	28.1	28.2	28.2	28.4	28.4	29.0	29.1	30.6
19.3	24.5	25.3	26.2	27.1	27.9	28.2	28.8	29.0	29.1	29.1	29.3	29.3	29.9	30.0	31.5
20.8	26.5	27.3	28.2	29.1	30.0	30.3	31.0	31.1	31.5	31.5	31.7	31.7	32.3	32.4	33.9
22.3	28.5	29.3	30.2	31.4	32.3	32.6	33.3	33.4	33.8	33.8	34.0	34.0	34.5	34.7	36.1
23.0	29.6	30.6	31.5	33.0	33.9	34.2	35.0	35.1	35.5	35.5	35.7	35.7	36.3	36.4	38.0
23.5	30.1	31.0	32.0	33.5	34.4	34.8	35.6	35.7	36.0	36.0	36.3	36.3	36.8	36.9	38.5
23.8	30.4	31.4	32.4	33.9	34.8	35.1	35.9	36.0	36.4	36.4	36.6	36.6	37.2	37.3	38.9
24.2	30.9	31.8	32.8	34.3	35.2	35.6	36.4	36.5	36.8	36.8	37.1	37.1	37.6	37.7	39.3
26.2	33.5	34.4	35.7	37.2	38.2	38.5	39.3	39.5	39.8	39.8	40.0	40.0	40.6	40.7	42.4
26.6	35.0	35.9	37.2	38.9	39.9	40.3	41.0	41.2	41.5	41.5	41.7	41.7	42.3	42.4	44.1
27.3	36.1	37.1	38.5	40.3	41.4	41.7	42.5	42.6	43.0	43.0	43.2	43.2	43.8	43.9	45.7
28.5	37.9	38.8	40.3	42.0	43.1	43.4	44.4	44.5	45.0	45.0	45.3	45.3	45.8	46.0	47.8
30.2	40.0	41.2	42.8	44.5	45.6	46.0	46.9	47.0	47.7	47.7	47.9	47.9	48.5	48.6	50.4
33.4	43.8	44.9	46.8	48.6	49.8	50.4	51.3	51.4	52.1	52.1	52.5	52.7	53.4	53.5	55.3
38.0	49.9	51.3	53.4	55.3	56.8	57.7	58.8	59.2	60.0	60.1	60.4	60.7	61.5	61.6	63.5
39.8	52.5	54.0	56.3	58.3	59.7	60.7	61.8	62.1	62.9	63.1	63.4	63.6	64.4	64.5	66.5
41.4	54.8	56.6	59.1	61.0	62.5	63.5	64.7	65.0	65.9	66.0	66.4	66.7	67.5	67.6	69.6
43.1	57.5	59.6	62.6	64.8	66.2	67.3	68.5	68.9	70.0	70.1	70.5	70.8	71.6	71.7	73.7
44.8	59.6	61.8	65.2	67.7	69.3	70.5	71.7	72.1	73.3	73.4	73.8	74.1	74.9	75.0	77.0
45.2	60.9	63.2	66.6	69.1	70.7	71.9	73.3	73.8	75.0	75.1	75.5	75.8	76.6	76.7	78.7
45.8	62.9	65.5	69.3	71.9	73.5	74.8	76.2	76.9	78.1	78.2	78.6	78.9	79.7	79.8	81.8
46.4	64.9	67.7	71.8	74.6	76.3	77.7	79.0	79.7	81.1	81.2	81.5	81.9	82.7	82.8	84.7
46.5	65.6	68.5	72.9	75.6	77.4	78.8	80.2	81.0	82.6	82.7	83.1	83.5	84.4	84.5	86.4
46.9	66.1	69.2	73.5	76.4	78.4	79.9	81.4	82.2	83.8	83.9	84.4	84.7	85.6	85.7	87.7
46.9	66.4	69.7	74.1	77.1	79.1	80.7	82.6	83.5	85.2	85.5	86.0	86.3	87.2	87.5	89.4
46.9	66.5	69.8	74.5	77.9	79.9	82.0	83.9	85.1	87.0	87.3	87.8	88.1	89.1	89.3	91.2
46.9	66.6	69.9	74.8	78.2	81.0	83.1	85.4	86.8	88.9	89.4	90.0	90.3	91.2	91.4	93.4
46.9	66.7	70.0	74.9	78.3	81.2	83.4	86.1	87.9	90.2	90.8	91.4	91.9	93.2	93.6	95.9
46.9	66.7	70.0	74.9	78.3	81.2	83.4	86.1	87.9	90.2	90.8	91.4	92.1	94.4	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS 877

USAF ETAC [illegible] 0-14-5 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

13.5	15.9	16.3	16.9	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
20.6	25.0	26.1	26.9	27.4	27.4	27.5	28.0	28.1	28.1	28.1	28.1	28.1	28.6	28.6	28.6
20.9	25.3	26.3	27.1	27.8	27.8	27.9	28.3	28.5	28.5	28.5	28.5	28.5	28.9	28.9	28.9
20.8	25.3	26.3	27.1	27.8	27.8	27.9	28.3	28.5	28.5	28.5	28.5	28.5	28.9	28.9	28.9
21.4	25.8	26.9	27.8	28.5	28.5	28.7	29.4	29.5	29.5	29.5	29.5	29.5	29.9	29.9	29.9
22.2	27.1	28.1	29.0	29.8	29.9	30.2	30.9	31.0	31.0	31.0	31.0	31.0	31.4	31.4	31.4
24.1	29.3	30.5	31.5	32.3	32.5	32.9	33.7	33.8	33.8	33.8	33.8	33.8	34.3	34.3	34.3
24.5	30.3	31.5	32.7	33.5	33.6	34.1	35.0	35.1	35.1	35.1	35.1	35.1	35.5	35.5	35.5
24.5	30.4	31.7	32.9	33.7	33.8	34.3	35.2	35.3	35.3	35.3	35.3	35.3	35.8	35.8	35.8
24.6	30.5	31.8	33.0	33.8	33.9	34.4	35.3	35.4	35.4	35.4	35.4	35.4	35.9	35.9	35.9
25.6	31.7	33.0	34.5	35.4	35.5	36.0	37.1	37.3	37.3	37.3	37.3	37.3	37.7	37.7	37.7
27.0	33.9	35.3	36.8	37.8	37.9	38.4	39.5	39.7	39.7	39.7	39.7	39.7	40.1	40.1	40.1
28.7	36.6	37.9	39.5	40.8	40.9	41.4	42.9	43.0	43.0	43.0	43.0	43.0	43.4	43.4	43.4
30.2	38.5	39.9	41.6	42.9	43.0	43.4	44.9	45.0	45.0	45.0	45.0	45.0	45.5	45.5	45.5
31.3	40.0	41.4	43.1	44.3	44.6	45.0	46.5	46.7	46.7	46.7	46.7	46.7	47.2	47.2	47.2
33.6	42.4	43.8	45.5	46.7	47.0	47.4	48.9	49.3	49.4	49.4	49.4	49.4	49.9	49.9	49.9
36.6	45.7	47.2	49.1	50.5	50.7	51.3	52.9	53.4	53.5	53.5	53.5	53.5	54.1	54.1	54.1
40.5	50.7	52.5	54.6	56.0	56.3	57.0	58.7	59.3	59.7	59.8	59.8	59.8	60.3	60.3	60.3
41.7	52.7	54.6	56.9	58.4	58.7	59.4	61.3	61.8	62.2	62.3	62.3	62.3	63.0	63.0	63.0
44.7	56.6	58.5	61.3	62.9	63.3	64.0	65.8	66.4	66.7	66.9	66.9	66.9	67.5	67.5	67.5
48.3	62.4	64.7	68.1	70.2	70.6	71.3	73.1	73.9	74.3	74.5	74.5	74.5	75.2	75.2	75.2
49.5	64.8	67.1	70.7	72.9	73.4	74.3	76.2	77.0	77.4	77.6	77.6	77.6	78.3	78.3	78.3
49.7	65.5	67.8	71.7	73.8	74.3	75.2	77.1	78.1	78.4	78.6	78.6	78.6	79.3	79.3	79.3
50.4	66.6	69.4	73.5	76.1	76.6	77.5	79.4	80.3	80.7	80.9	80.9	80.9	81.6	81.6	81.6
50.6	67.7	70.7	75.1	77.8	78.4	79.3	81.3	82.2	82.7	83.0	83.0	83.0	83.7	83.7	83.7
51.1	69.6	72.8	77.3	80.5	81.7	82.7	84.9	85.8	86.5	86.7	86.7	86.7	87.4	87.4	87.4
51.1	69.9	73.3	77.8	81.0	82.9	84.0	86.3	87.3	88.0	88.2	88.2	88.2	88.9	88.9	88.9
51.2	70.4	73.9	79.1	83.2	85.1	86.4	89.0	90.1	90.7	91.2	91.3	91.3	92.0	92.0	92.0
51.2	70.4	74.4	79.7	84.0	86.1	87.9	90.6	91.8	92.5	92.9	93.0	93.0	93.7	93.7	93.7
51.2	70.4	74.5	79.8	84.2	86.4	88.3	91.1	92.6	93.4	94.3	94.4	94.4	95.2	95.2	95.2
51.2	70.4	74.5	79.9	84.5	86.6	88.6	91.4	93.0	94.4	95.8	95.9	95.9	96.9	97.1	97.7
51.2	70.4	74.5	79.9	84.5	86.6	88.6	91.4	93.0	94.5	96.0	96.1	96.2	97.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 875

GLOBAL CLIMATOLOGY BRANCH
CARFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1500-1700

13.5	17.0	17.3	18.2	18.7	18.8	19.1	19.4	19.5	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
24.0	29.8	30.4	31.4	31.9	32.0	32.4	33.1	33.2	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
24.0	29.8	30.4	31.4	31.9	32.0	32.4	33.1	33.2	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
24.1	29.9	30.6	31.6	32.2	32.3	32.6	33.3	33.4	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
24.6	30.4	31.1	32.3	32.8	33.0	33.3	34.0	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
25.4	31.6	32.4	33.5	34.1	34.3	34.7	35.3	35.4	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
27.0	33.6	34.5	36.1	36.9	37.1	37.6	38.5	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
27.3	34.0	34.9	36.8	37.6	37.8	38.3	39.2	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
27.3	34.0	34.9	36.8	37.6	37.8	38.3	39.2	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
27.5	34.2	35.1	37.0	37.8	38.1	38.5	39.4	39.5	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
27.9	34.7	35.6	37.5	38.3	38.5	39.0	39.9	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
29.3	37.3	38.2	40.4	41.2	41.4	41.9	42.8	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
30.7	39.0	39.9	42.4	43.1	43.4	43.8	44.8	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
32.2	40.9	41.8	44.3	45.1	45.3	45.9	47.0	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
33.9	42.6	43.5	46.0	46.8	47.1	47.7	48.8	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
36.4	45.8	46.8	49.3	50.1	50.4	51.1	52.2	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
38.8	48.9	50.4	53.1	53.9	54.4	55.0	56.2	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7
43.4	54.9	57.3	60.2	61.3	61.7	62.4	63.5	63.6	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
44.3	57.0	59.7	62.6	63.9	64.3	65.0	66.1	66.4	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9
45.9	60.1	63.2	66.7	68.3	68.9	69.5	70.8	71.1	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
48.8	65.0	68.4	72.3	74.1	74.6	75.4	76.8	77.3	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
49.4	66.6	70.0	74.3	76.3	76.9	77.8	79.3	79.8	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
49.7	67.5	71.2	75.5	77.7	78.4	79.3	80.7	81.3	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
50.1	68.7	72.6	77.3	79.5	80.2	81.1	82.6	83.2	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
50.2	70.1	74.1	79.0	81.7	82.6	83.5	85.1	85.7	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6
50.4	71.2	75.4	80.7	83.5	84.5	85.4	87.1	87.8	88.4	88.6	88.6	88.6	88.8	88.8	88.8	88.8
50.4	71.7	75.9	81.4	84.7	86.1	87.1	88.8	89.5	90.1	90.3	90.3	90.3	90.6	90.6	90.6	90.6
50.5	72.0	76.3	82.1	85.6	87.1	88.1	90.1	90.9	91.6	91.7	91.7	91.7	92.1	92.1	92.1	92.1
50.6	72.4	76.7	82.7	86.5	88.2	89.4	91.8	93.0	93.8	93.9	94.0	94.0	94.3	94.3	94.3	94.3
50.6	72.4	76.7	82.8	86.6	88.7	90.1	92.6	94.0	94.9	95.1	95.2	95.2	95.7	95.7	95.7	95.7
50.6	72.4	76.7	82.9	86.7	89.0	90.5	93.1	94.5	95.6	95.8	96.0	96.3	96.8	96.8	97.1	97.1
50.6	72.4	76.7	82.9	86.7	89.0	90.5	93.1	94.5	95.8	96.0	96.3	96.8	98.1	98.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 683

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] DECEMBER DOWN UP 73-82 JAN

RELATIVE FREQUENCY OF OCCURRENCE 1800-2000
FROM HOURLY OBSERVATIONS

17.0	23.6	24.7	25.3	27.0	27.9	28.7	29.2	29.7	30.0	30.0	30.0	30.1	30.2	30.2	30.4
22.6	31.7	32.7	34.5	36.5	37.4	38.1	38.8	39.4	39.7	39.7	39.7	39.8	40.0	40.0	40.3
22.6	31.7	32.7	34.5	36.5	37.4	38.1	38.8	39.4	39.7	39.7	39.7	39.8	40.0	40.0	40.3
22.6	31.7	32.7	34.5	36.5	37.4	38.1	38.8	39.4	39.7	39.7	39.7	39.8	40.0	40.0	40.3
23.0	32.5	33.6	35.6	37.5	38.4	39.2	39.8	40.4	40.7	40.7	40.7	40.9	41.0	41.0	41.3
23.7	33.4	34.7	36.6	38.5	39.4	40.2	40.9	41.4	41.8	41.8	41.8	41.9	42.0	42.0	42.3
24.5	34.9	36.1	38.3	40.2	41.1	42.1	43.0	43.6	43.9	43.9	43.9	44.0	44.1	44.1	44.5
25.1	35.7	36.9	39.1	41.0	41.9	42.9	43.9	44.5	44.8	44.8	44.8	44.9	45.0	45.0	45.4
25.1	35.7	36.9	39.1	41.0	41.9	42.9	43.9	44.5	44.8	44.8	44.8	44.9	45.0	45.0	45.4
25.2	35.9	37.1	39.3	41.2	42.1	43.1	44.1	44.7	45.0	45.0	45.0	45.1	45.3	45.3	45.6
25.2	36.1	37.5	39.6	41.5	42.4	43.5	44.5	45.0	45.4	45.4	45.4	45.5	45.6	45.6	45.9
25.6	37.2	38.8	41.0	42.9	43.9	44.9	46.0	46.6	47.0	47.0	47.0	47.1	47.2	47.2	47.5
26.0	37.7	39.3	41.5	43.7	44.9	45.9	47.1	47.6	48.0	48.0	48.0	48.1	48.2	48.2	48.5
27.2	39.1	40.7	43.0	45.1	46.5	47.5	48.6	49.2	49.5	49.5	49.5	49.7	49.8	49.8	50.1
27.7	39.8	42.0	44.2	46.4	47.7	48.8	49.9	50.5	50.8	50.8	50.8	51.0	51.1	51.1	51.5
29.2	42.4	44.7	47.1	49.3	50.7	51.7	52.8	53.4	53.7	53.7	53.7	54.0	54.1	54.1	54.4
31.8	46.4	49.0	52.0	54.3	55.9	56.9	58.0	58.6	58.9	59.0	59.0	59.3	59.4	59.4	59.7
34.8	51.7	54.7	58.5	60.9	62.8	63.8	64.9	65.5	65.8	66.0	66.0	66.3	66.4	66.4	66.7
35.5	53.4	56.8	60.6	63.2	65.0	66.0	67.3	67.8	68.3	68.5	68.5	68.7	68.8	68.8	69.2
36.6	55.3	59.1	63.6	66.6	68.5	69.5	70.9	71.4	71.9	72.1	72.1	72.3	72.5	72.5	72.8
38.9	59.5	64.0	69.2	72.3	74.6	75.6	77.0	77.7	78.1	78.3	78.3	78.6	78.7	78.7	79.0
39.2	60.4	65.1	70.8	74.2	76.4	77.4	78.9	79.6	80.1	80.4	80.4	80.6	80.7	80.7	81.0
39.4	60.8	65.6	71.3	74.8	77.2	78.2	79.7	80.4	80.9	81.2	81.2	81.4	81.5	81.5	81.8
39.7	61.9	66.8	72.8	76.3	78.8	79.8	81.3	81.9	82.6	82.8	82.8	83.1	83.2	83.2	83.5
39.8	62.6	67.9	73.9	77.7	80.6	81.7	83.3	84.0	84.7	84.9	84.9	85.1	85.2	85.2	85.6
40.2	64.0	69.3	75.3	79.3	82.5	83.6	85.4	86.1	86.9	87.1	87.1	87.4	87.5	87.5	87.8
40.2	64.3	69.9	76.0	80.6	83.7	85.0	87.0	87.7	88.5	88.7	88.7	88.9	89.1	89.1	89.4
40.3	65.0	70.5	77.2	81.8	85.0	86.3	88.9	89.7	90.5	90.7	90.7	91.0	91.2	91.2	91.5
40.4	65.2	70.8	77.9	82.7	85.9	87.4	90.5	91.4	92.3	92.6	92.6	92.9	93.1	93.1	93.5
40.4	65.3	70.9	78.1	83.2	86.7	88.1	91.8	92.9	94.1	94.5	94.5	94.8	95.0	95.0	95.4
40.4	65.3	70.9	78.1	83.2	86.7	88.1	92.2	93.5	95.5	95.8	95.8	96.3	96.6	96.6	97.1
40.4	65.3	70.9	78.1	83.2	86.7	88.1	92.2	93.5	95.6	96.0	96.0	97.0	97.9	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] LOSCOMBE DOWN UK 73-67 JA[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

18.2	22.0	23.0	24.9	25.6	26.8	27.4	27.9	28.0	28.4	28.8	28.5	28.9	29.6	[illegible]	[illegible]
19.5	26.7	28.1	30.7	31.5	32.8	33.4	33.9	34.2	34.7	35.0	35.0	35.1	35.[illegible]	36.2	36.[illegible]
19.6	26.8	28.2	30.8	31.6	33.0	33.5	34.0	34.3	34.8	35.1	35.1	35.2	35.[illegible]	36.4	36.7
19.6	26.8	28.2	30.8	31.6	33.0	33.5	34.0	34.3	34.8	35.1	35.1	35.2	35.[illegible]	36.4	36.7
19.6	26.8	28.2	30.8	31.6	33.0	33.5	34.0	34.3	34.8	35.1	35.1	35.2	35.[illegible]	36.4	36.7
19.9	27.4	28.8	31.6	32.4	33.7	34.3	34.8	35.1	35.6	35.9	35.9	36.0	36.7	37.1	37.5
20.7	28.5	29.9	32.6	33.7	35.3	35.9	36.4	36.8	37.3	37.6	37.6	37.7	38.4	38.8	39.2
21.3	28.9	30.2	33.4	34.3	35.9	36.5	36.9	37.5	37.9	38.3	38.3	38.4	39.1	39.5	39.9
21.0	28.9	30.2	33.4	34.3	35.9	36.5	36.9	37.5	37.9	38.3	38.3	38.4	39.1	39.5	39.9
21.2	29.1	30.5	33.6	34.5	36.1	36.7	37.1	37.7	38.2	38.5	38.5	38.6	39.3	39.8	40.1
21.4	29.6	31.0	34.4	35.3	36.9	37.5	37.9	38.5	39.0	39.3	39.3	39.4	40.1	40.5	40.9
21.7	30.7	32.2	35.8	36.9	38.5	39.1	39.8	40.3	40.8	41.1	41.1	41.2	41.9	42.4	42.7
22.1	31.3	33.0	36.6	37.7	39.3	39.9	40.7	41.2	41.7	42.0	42.0	42.1	42.8	43.3	43.6
22.7	32.3	34.1	37.7	38.8	40.4	41.1	41.9	42.5	42.9	43.3	43.3	43.4	44.1	44.5	44.8
23.4	33.3	35.2	39.1	40.2	41.8	42.5	43.3	43.9	44.5	44.8	44.6	45.0	45.6	46.1	46.4
24.7	35.4	37.5	42.2	43.4	45.1	45.8	46.7	47.3	47.9	48.2	48.2	48.4	49.0	49.6	49.9
26.6	38.8	41.2	46.3	47.6	49.3	50.1	51.1	51.8	52.3	52.7	52.7	52.9	53.6	54.1	54.5
29.4	43.7	46.9	52.1	53.9	55.8	56.7	57.8	58.4	59.0	59.3	59.3	59.6	60.2	60.8	61.2
30.7	45.2	48.6	53.8	55.6	57.5	58.4	59.5	60.1	60.7	61.2	61.2	61.4	62.1	62.5	63.0
32.5	47.3	51.4	57.1	59.3	61.3	62.2	63.5	64.4	65.1	65.6	65.6	65.8	66.5	67.0	67.4
35.6	51.5	56.5	62.6	65.5	67.4	68.4	69.9	70.9	71.6	72.2	72.0	72.3	73.[illegible]	73.7	74.1
36.2	53.6	58.9	65.2	68.1	70.0	71.0	72.6	73.6	74.3	74.7	74.7	75.0	75.8	76.4	76.8
36.4	54.4	59.7	66.1	69.1	71.1	72.3	73.8	74.9	75.5	76.0	76.0	76.2	77.0	77.7	78.[illegible]
36.4	55.6	61.4	68.2	71.3	73.4	74.7	76.3	77.3	78.0	78.5	78.5	78.7	79.5	80.2	80.5
36.4	56.4	62.6	69.6	72.9	75.3	76.7	78.3	79.3	80.0	80.4	80.4	80.6	81.4	82.2	82.6
36.6	57.2	63.9	71.0	74.4	77.0	78.4	80.0	81.0	81.7	82.1	82.1	82.3	83.1	83.9	84.3
36.7	58.1	65.0	72.5	76.0	78.7	80.3	82.1	83.2	83.9	84.4	84.4	84.6	85.4	86.2	86.5
36.8	58.6	65.7	73.4	77.1	80.0	81.7	83.9	85.1	85.8	86.3	86.3	86.5	87.3	88.1	88.4
36.9	59.1	66.3	74.5	78[illegible]	81.7	83.4	86.0	87.3	88.2	88.7	88.7	88.9	89.7	90.5	90.8
37.0	59.2	66.5	74.9	7[illegible]	[illegible]2.1	84.0	87.1	88.8	89.8	90.3	90.3	90.7	91.5	92.3	92.6
37.1	59.3	66.6	75.2	[illegible]	[illegible]2.8	84.8	88.7	91.3	92.5	93.2	93.4	94.0	94.9	95.9	96.3
37.1	59.3	66.6	75.2	79.[illegible]	82.9	84.9	88.8	91.4	92.8	93.5	93.8	94.5	95.7	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 883

CEILING VERSUS VISIBILITY

[illegible]	19.5	[illegible]	21.2	21.9	22.5	23.	23.5	23.[illegible]	23.6	23.9	23.9	24.	24.	24.7	[illegible]
[illegible]	26.7	27.8	24.2	30.1	30.9	31.5	32.3	32.[illegible]	32.6	32.[illegible]	32.9	32.9	33.[illegible]	33.[illegible]	34.
27.7	26.8	27.9	29.3	30.2	31.0	31.6	32.4	32.7	32.9	32.9	33.0	33.0	33.4	33.[illegible]	34.1
[illegible]	26.9	28.[illegible]	29.4	30.3	31.1	31.7	32.5	32.[illegible]	33.0	33.0	33.1	33.2	33.[illegible]	33.4	34.[illegible]
31.2	27.3	29.4	29.9	3[illegible].8	31.6	32.2	33.[illegible]	33.3	33.[illegible]	33.5	33.6	33.7	34.1	34.1	34.[illegible]
31.9	28.3	29.4	30.9	31.9	32.8	33.4	34.2	34.5	34.7	34.8	34.8	34.9	35.[illegible]	35.3	35.[illegible]
23.1	30.0	31.3	32.5	33.8	34.5	35.4	36.3	36.6	36.9	36.9	37.0	37.1	37.4	37.5	36.1
23.6	31.6	31.9	33.6	34.7	35.6	36.3	37.2	37.5	37.8	37.8	37.9	37.9	38.3	38.4	39.
23.8	30.9	32.1	33.9	34.9	35.6	36.5	37.5	37.8	38.	38.1	38.1	38.2	38.[illegible]	38.5	39.[illegible]
24.0	31.1	32.3	34.1	35.1	36.1	36.7	37.7	38.	38.2	38.3	38.3	38.4	38.6	38.9	39.
24.4	31.7	33.0	34.8	35.9	36.8	37.5	38.5	38.8	39.1	39.1	39.2	39.3	39.6	39.7	40.[illegible]
25.6	33.5	34.9	36.9	38.[illegible]	39.[illegible]	39.7	40.6	41.1	41.4	41.4	41.5	41.5	41.9	42.0	4[illegible]
26.3	34.7	36.2	38.2	39.5	4[illegible].5	41.3	42.4	42.9	43.	43.1	43.2	43.2	43.5	43.7	44.4
27.3	36.2	37.7	39.9	41.2	42.2	43.0	44.2	44.5	44.6	44.9	44.9	45.	45.3	45.8	46.[illegible]
28.2	37.3	39.0	41.2	42.5	43.6	44.4	45.6	46.[illegible]	46.3	46.3	46.4	46.5	46.[illegible]	47.[illegible]	47.7
30.3	40.0	41.4	44.3	45.7	46.8	47.6	48.8	49.3	49.7	49.7	49.8	49.9	50.[illegible]	50.4	51.1
32.7	43.3	45.3	48.1	49.6	51.8	51.7	53.[illegible]	53.6	54.[illegible]	54.1	54.2	54.7	54.7	54.8	55.4
36.3	46.4	50.9	54.0	55.7	57.[illegible]	58.2	59.4	60.1	60.5	61.7	6[illegible].8	61.[illegible]	61.4	61.5	62.3
37.5	50.2	52.7	56.2	57.9	59.3	60.3	61.6	62.5	62.9	63.1	63.	63.8	63.[illegible]	64.	64.[illegible]
39.2	52.3	55.9	59.5	61.5	63.0	64.0	65.6	66.3	66.8	67.0	67.1	67.3	67.7	67.9	68.7
41.5	57.2	57.7	64.8	67.0	68.6	69.7	71.4	72.[illegible]	72.8	73.0	73.1	73.3	73.7	73.9	74.7
42.5	59.3	63.0	67.3	69.7	71.3	72.5	74.3	75.1	75.7	75.9	76.	76.2	76.7	76.9	77.[illegible]
42.8	60.2	64.0	69.5	72.9	72.6	73.8	75.6	76.4	77.1	77.2	77.3	77.5	78.	78.2	79.
43.3	61.6	65.7	72.5	73.0	74.8	76.0	77.8	78.7	79.4	79.5	79.6	79.8	8[illegible]	8[illegible].5	81.3
43.[illegible]	62.8	67.2	72.2	75.0	76.9	78.2	80.1	80.9	81.7	81.9	81.9	82.2	82.7	82.9	83.6
43.9	64.1	68.7	73.9	76.9	79.1	80.4	82.4	83.3	84.1	84.3	84.4	84.7	85.2	85.4	86.2
44.0	64.6	67.4	74.8	78.0	80.3	81.8	83.9	84.9	85.7	85.9	86.[illegible]	86.2	86.8	86.9	87.7
44.1	65.1	69.9	75.7	79.2	81.6	83.1	85.5	86.6	87.5	87.7	87.8	88.1	88.6	88.8	89.6
44.2	65.4	7[illegible].4	76.4	8[illegible].3	82.9	84.6	87.3	88.6	89.5	89.8	89.9	90.2	90.7	90.9	91.7
44.2	65.5	7[illegible].5	76.7	80.7	83.6	85.5	88.5	90.1	91.2	91.6	91.7	92.1	92.7	92.8	93.7
44.2	65.5	70.5	76.8	8[illegible].9	83.9	85.9	89.4	91.3	92.8	93.4	93.6	94.1	94.9	95.1	96.2
44.2	65.5	70.5	76.8	80.9	83.9	86.0	89.5	91.5	93.1	93.8	94.1	94.8	96.2	96.9	1[illegible]0.

TOTAL NUMBER OF OBSERVATIONS _____ [illegible]

NATIONAL CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER [illegible]

CEILING VERSUS VISIBILITY

[illegible] COMBINED [illegible] 73-[illegible] [illegible]

17.	15.9	16.7	17.4	1[illegible].4	16.8	21.6	24.9	25.9	26.4	26.4	26.7	27.4	27.5	27.[illegible]	[illegible]
1[illegible].7	1[illegible].4	19.7	20.7	21.8	23.6	25.5	29.3	3[illegible].4	31.1	31.1	31.4	32.1	32.3	32.5	33.7
17.9	19.4	19.7	20.7	21.8	23.6	25.5	29.3	30.4	31.1	31.1	31.4	32.1	32.7	32.9	33.7
18.9	19.4	19.9	21.5	21.9	23.7	25.6	29.4	30.9	31.3	31.7	31.9	32.2	32.6	32.6	33.[illegible]
17.9	19.5	2[illegible]	21.9	22.0	23.8	25.7	29.6	30.6	31.4	31.4	31.[illegible]	32.3	32.6	32.7	33.9
14.3	19.1	21.7	21.6	22.1	23.1	27.[illegible]	30.9	32.[illegible]	32.7	32.7	32.9	33.7	33.9	34.[illegible]	35.[illegible]
14.7	20.3	21.5	22.7	24.4	26.4	28.4	32.2	33.3	34.[illegible]	34.[illegible]	34.3	35.[illegible]	35.2	35.3	36.[illegible]
16.3	21.9	22.5	23.9	25.8	27.9	29.9	33.8	34.[illegible]	35.6	35.6	35.8	36.5	36.8	36.9	38.1
17.4	21.3	22.8	24.3	26.2	28.2	30.3	34.1	35.2	35.9	35.9	36.2	35.9	37.1	37.[illegible]	38.[illegible]
1[illegible].4	21.3	2[illegible].[illegible]	24.3	26.3	28.4	30.4	34.3	35.[illegible]	36.1	36.1	36.3	37.[illegible]	37.3	37.4	38.[illegible]
15.7	21.6	23.3	24.9	26.9	29.1	31.1	35.[illegible]	36.1	36.8	36.9	37.1	37.9	38.1	38.2	39.4
16.7	23.1	24.9	27.0	29.9	31.5	33.8	37.6	39.7	39.4	39.5	39.8	4[illegible].5	41.7	4[illegible].9	42.1
17.1	23.5	23.6	27.8	3[illegible].0	32.3	34.6	38.5	39.[illegible]	40.3	40.4	40.6	41.3	41.6	41.7	42.[illegible]
17.2	24.[illegible]	25.[illegible]	28.2	3[illegible].5	32.8	35.3	39.3	40.6	41.3	41.5	41.7	42.4	42.7	42.8	44.
17.4	24.5	26.4	28.8	31.1	33.4	35.9	4[illegible].0	41.5	42.2	42.3	42.5	43.3	43.5	43.6	44.[illegible]
18.6	26.9	2[illegible].8	31.7	34.4	36.9	39.4	43.6	45.1	45.6	45.9	46.2	46.9	47.1	47.2	48.4
20.3	29.3	31.6	34.9	38.[illegible]	4[illegible].7	43.3	47.5	4[illegible].9	49.6	49.8	50.2	50.7	51.0	51.1	5[illegible].3
22.[illegible]	32.7	35.[illegible]	39.1	42.5	46.6	48.2	52.4	53.8	54.7	54.8	55.[illegible]	55.9	56.1	56.3	57.5
23.3	33.4	35.[illegible]	39.9	43.4	46.5	49.2	53.4	54.9	55.6	55.9	56.1	57.[illegible]	57.2	57.7	58.[illegible]
24.3	35.3	37.7	42.2	46.2	49.5	52.3	56.6	58.1	59.1	59.3	59.5	60.3	[illegible]	61.7	61.9
26.3	36.6	41.6	47.4	51.7	55.5	59.9	63.3	64.9	66.0	66.1	66.3	67.2	67.4	67.5	68.[illegible]
27.7	4[illegible].3	43.9	49.6	54.[illegible]	57.9	61.3	66.1	67.7	68.5	68.9	69.1	7[illegible].0	70.3	70.4	71.5
27.6	41.8	45.6	51.4	55.8	59.7	63.1	67.9	69.6	7[illegible].7	70.8	71.[illegible]	71.9	72.0	72.4	73.5
[illegible].4	43.3	47.2	53.1	57.7	61.9	65.3	70.1	71.9	73.[illegible]	73.1	73.3	74.2	74.5	74.6	75.9
29.3	44.5	48.6	55.2	59.9	64.2	67.5	72.4	74.9	75.2	75.4	75.6	76.4	76.8	76.9	75.1
29.7	45.8	5[illegible].[illegible]	56.7	61.8	67.1	70.9	75.6	77.6	78.7	78.8	79.1	79.9	80.3	80.4	81.6
30.2	46.9	51.2	56.2	63.8	69.2	73.3	79.[illegible]	80.8	81.9	82.[illegible]	82.2	83.1	83.4	83.5	84.7
30.3	47.5	51.8	59.3	65.1	70.8	75.0	80.9	82.7	83.9	84.1	84.4	85.2	85.6	85.7	86.9
30.4	48.1	53.5	60.3	66.3	72.1	76.8	83.5	85.6	87.1	87.4	87.6	88.5	88.8	88.9	[illegible].1
30.4	48.2	53.[illegible]	60.6	67.2	73.[illegible]	77.6	84.7	87.1	89.1	89.3	89.5	90.5	91.0	91.1	92.3
30.4	48.2	53.7	60.9	67.4	73.3	78.1	85.6	88.2	90.5	91.2	91.5	92.4	93.0	93.3	95.[illegible]
30.4	48.2	53.8	60.9	67.4	73.3	78.1	85.6	88.2	90.7	91.8	92.2	93.9	95.3	95.9	100.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] [illegible]COMBS DOWN UK 73-82 FEB

[illegible] ENTIRE [illegible] ENGLAND [illegible] 1970-1979
FROM HOURLY OBSERVATIONS

12.2	16.1	17.1	18.2	19.7	19.9	20.8	23.5	24.6	25.5	25.5	25.5	25.9	[illegible]	26.7	26.7	
13.9	18.6	19.6	21.4	23.1	24.1	25.1	28.4	29.8	30.5	30.5	30.5	30.7	31.4	31.8	33.3	
13.7	18.6	19.6	21.4	23.1	24.1	25.1	28.4	29.8	30.5	30.5	30.5	30.7	31.6	31.8	33.3	
13.9	18.6	19.6	21.4	23.1	24.1	25.1	28.4	29.8	30.5	30.5	30.5	30.7	31.6	31.8	33.3	
13.7	18.6	19.6	21.4	23.1	24.1	25.1	28.4	29.8	30.5	30.5	30.5	30.7	31.6	31.8	33.3	
14.2	19.0	20.2	22.0	24.7	24.9	25.9	29.4	30.7	31.4	31.4	31.4	31.7	32.5	32.8	34.2	
14.7	20.0	21.3	23.3	25.3	26.4	27.3	30.6	32.2	32.9	32.9	32.9	33.1	34.[illegible]	34.2	35.7	
14.3	20.2	21.7	23.7	25.8	26.9	27.8	31.3	32.7	33.4	33.4	33.4	33.6	34.5	34.7	36.1	
15.1	20.5	22.0	24.1	26.1	27.2	28.2	31.6	33.1	33.9	33.9	33.9	34.1	34.9	35.2	36.6	
15.2	20.7	20.2	24.2	26.3	27.3	28.4	32.0	33.4	34.1	34.1	34.1	34.3	35.2	35.4	36.[illegible]	
15.8	21.3	22.8	24.8	26.9	28.0	29.0	32.7	34.0	34.7	34.7	34.7	34.9	35.8	36.0	37.5	
16.4	22.2	23.7	25.8	27.8	28.9	30.0	33.6	34.9	35.7	35.7	35.8	36.0	37.0	37.2	38.7	
16.7	23.0	24.6	26.6	28.7	29.8	30.8	34.6	36.0	36.7	36.7	36.9	37.1	38.1	38.3	39.8	
17.1	23.6	25.2	27.3	29.5	30.6	31.7	35.7	37.1	37.8	38.0	38.1	38.3	39.3	39.5	41.[illegible]	
17.5	24.2	25.8	28.0	30.1	31.2	32.3	36.4	37.8	38.6	38.7	38.8	39.0	40.0	40.2	41.7	
19.2	26.3	27.8	30.8	33.1	34.6	35.8	40.0	41.4	42.2	42.3	42.4	42.8	43.7	44.0	45.4	
20.2	28.4	30.0	33.7	36.4	38.2	39.5	44.1	45.7	46.4	46.5	46.6	47.0	48.[illegible]	48.2	49.6	
22.5	31.3	32.9	36.7	4[illegible].0	41.6	43.4	48.2	49.8	50.6	50.7	50.8	51.2	52.0	52.4	53.9	
23.1	32.0	33.6	37.7	41.1	42.9	44.6	49.4	51.3	52.4	52.5	52.7	53.0	54.0	54.2	55.7	
24.6	34.0	35.5	40.5	44.0	45.8	48.1	53.0	54.9	56.0	56.1	56.3	56.6	57.6	57.8	59.3	
26.1	37.0	39.7	45.2	49.2	51.0	53.5	58.7	60.6	61.8	62.0	62.2	62.5	63.5	63.7	65.2	
27.5	39.3	41.6	47.6	52.0	54.3	57.1	62.3	64.2	65.4	65.7	65.8	66.1	67.1	67.3	68.8	
28.0	40.2	42.7	48.9	53.3	55.5	58.3	63.5	65.4	66.6	66.9	67.0	67.3	68.3	68.5	70.0	
28.2	41.0	43.9	50.4	54.8	57.2	60.0	65.2	67.2	68.4	68.7	68.8	69.2	70.1	70.4	71.8	
28.3	41.9	45.5	52.2	56.7	59.4	62.2	67.5	69.5	70.7	71.0	71.1	71.4	72.4	72.7	74.1	
28.6	43.1	47.0	54.0	58.8	61.6	64.8	70.4	72.7	73.9	74.1	74.2	74.6	75.7	75.9	77.3	
28.7	43.7	47.8	54.8	60.1	63.0	66.5	72.4	74.7	75.9	76.1	76.4	76.7	77.8	78.1	79.5	
28.8	44.2	48.4	55.5	61.2	64.3	68.1	74.5	76.9	78.1	78.3	78.6	78.9	80.0	80.2	81.7	
28.8	44.9	49.3	57.1	63.0	66.7	70.6	78.2	81.0	82.4	82.7	83.1	83.6	84.7	84.9	86.4	
28.8	44.9	49.4	57.8	64.3	68.2	72.2	80.6	83.9	85.3	85.8	86.4	86.9	88.0	88.2	89.6	
28.8	44.9	49.4	57.8	64.3	68.4	72.4	81.0	84.8	86.5	87.7	88.4	88.9	90.4	90.7	93.0	
28.8	44.9	49.4	57.8	64.3	68.4	72.4	81.4	85.2	87.2	88.7	89.4	90.1	92.5	93.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 830

GL RAL CLIMATOLOGY BRANCH
U AFETAC
A H WEA / R SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7450 BOSCOMBE DOWN UK 73-87 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

9.7	13.7	14.2	15.2	15.7	16.6	17.2	18.8	19.1	19.8	20.2	20.2	20.3	21.4	21.4	22.5
11.3	16.4	17.0	18.2	18.8	20.4	21.3	23.3	23.8	24.7	25.1	25.2	25.4	26.5	26.6	27.9
11.8	16.4	17.5	18.2	18.8	20.4	21.4	23.4	24.0	25.0	25.3	25.4	25.7	26.8	26.9	28.1
11.8	16.4	17.0	18.2	18.8	20.4	21.4	23.4	24.0	25.0	25.3	25.4	25.7	26.8	26.9	28.1
11.8	16.4	17.0	18.2	18.8	20.4	21.4	23.4	24.0	25.0	25.3	25.4	25.7	26.8	26.9	28.1
12.3	16.8	17.4	18.9	19.6	21.3	22.2	24.3	24.9	25.8	26.2	26.3	26.5	27.6	27.7	28.9
12.9	17.4	18.2	19.6	20.3	22.0	23.2	25.3	26.0	27.0	27.5	27.6	27.8	28.9	29.7	30.2
13.0	17.7	18.6	20.3	21.0	22.7	24.0	26.2	26.9	27.8	28.3	28.4	28.7	29.7	29.9	31.1
13.1	17.8	19.0	20.7	21.4	23.1	24.4	26.5	27.2	28.2	28.7	28.8	29.0	30.1	30.2	31.4
13.3	17.9	19.1	20.8	21.5	23.2	24.5	26.6	27.4	28.3	28.8	28.9	29.2	30.2	30.3	31.5
13.4	18.0	19.4	21.1	21.9	23.5	24.9	27.0	27.7	28.7	29.2	29.3	29.5	30.6	30.7	31.9
14.5	19.7	21.4	23.2	24.0	25.7	27.0	29.2	29.9	30.8	31.3	31.4	31.7	32.7	33.0	34.2
15.5	21.1	22.8	24.6	25.6	27.2	28.6	30.7	31.9	33.0	33.5	33.6	33.8	34.9	35.1	36.3
15.8	21.7	23.4	25.2	26.2	28.0	29.3	31.8	33.0	34.2	34.6	34.8	35.0	36.1	36.3	37.5
15.9	22.1	23.8	25.6	26.6	28.4	29.7	32.4	33.6	34.8	35.2	35.4	35.6	36.7	36.9	38.1
17.1	23.9	25.6	27.6	28.9	31.3	32.9	35.8	37.0	38.4	38.8	38.9	39.2	40.3	40.5	41.7
19.0	26.6	28.6	30.7	32.4	34.9	36.7	39.7	40.9	42.3	42.8	42.9	43.1	44.2	44.4	45.6
21.1	30.6	32.7	35.7	37.8	40.4	42.4	45.8	47.0	48.4	48.9	49.0	49.2	50.4	50.7	51.9
21.5	31.3	33.8	37.2	39.2	41.8	43.8	47.3	48.5	50.2	50.7	50.8	51.0	52.2	52.4	53.6
22.6	32.6	35.5	39.4	41.6	44.4	46.5	50.1	51.3	53.2	53.6	53.8	54.0	55.2	55.4	56.8
25.0	36.4	39.4	43.7	46.5	49.7	52.0	55.8	57.0	58.9	59.5	59.6	59.9	61.1	61.3	62.6
25.4	37.4	40.5	45.6	49.1	52.3	54.6	58.4	59.7	61.6	62.2	62.4	62.6	63.8	64.0	65.4
25.8	38.0	41.1	46.2	49.7	52.9	55.3	59.1	60.5	62.4	63.0	63.1	63.3	64.5	64.8	66.1
25.9	38.7	42.2	47.4	51.3	54.7	57.2	61.1	62.6	64.5	65.1	65.2	65.5	66.7	66.9	68.2
26.5	40.4	44.0	49.9	54.0	57.7	60.3	64.3	65.8	67.7	68.3	68.6	68.8	70.0	70.3	71.6
27.1	41.6	45.8	52.1	56.3	60.3	63.0	67.0	68.6	70.5	71.1	71.3	71.6	72.8	73.0	74.3
27.1	42.1	46.8	53.4	57.6	61.6	64.3	68.8	70.6	72.8	73.4	73.6	73.8	75.0	75.3	76.6
27.4	42.8	47.8	54.6	59.1	63.4	66.2	71.6	73.8	76.3	76.9	77.2	77.4	78.6	78.9	80.2
27.4	43.0	48.1	55.4	61.1	66.2	69.3	75.1	77.7	80.4	81.0	81.2	81.5	82.7	82.9	84.2
27.4	43.2	48.4	55.8	61.9	67.3	70.6	77.1	79.7	82.8	83.5	83.8	84.1	85.7	85.9	87.3
27.4	43.2	48.4	55.8	61.9	67.3	70.6	77.8	80.5	84.5	85.4	86.1	87.1	88.9	89.6	92.1
27.4	43.2	48.4	55.8	61.9	67.3	70.6	77.8	80.6	84.8	85.8	87.0	89.0	91.4	93.1	100.0

TOTAL NUMBER OF OBSERVATIONS 877

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1900-1100

6.3	9.9	10.9	11.8	12.7	13.4	14.6	15.3	16.1	16.7	17.0	17.1	17.1	17.3	17.6	17.9
11.8	16.3	17.2	18.5	19.6	20.9	22.8	23.8	24.8	25.5	25.8	26.0	26.1	26.3	26.6	26.8
11.3	16.3	17.2	18.5	19.7	21.1	23.0	23.9	25.0	25.8	26.2	26.3	26.4	26.7	26.9	27.2
11.3	16.3	17.2	18.5	19.7	21.1	23.0	23.9	25.0	25.8	26.2	26.3	26.4	26.7	26.9	27.2
12.4	17.3	18.3	19.6	20.9	22.2	24.3	25.2	26.3	27.2	27.5	27.6	27.8	28.0	28.2	28.5
13.4	18.3	19.3	20.7	22.1	23.6	25.8	26.8	27.9	28.7	29.2	29.3	29.4	29.7	29.9	30.1
14.1	19.3	20.5	22.0	23.8	25.4	27.6	28.7	29.8	30.7	31.2	31.3	31.5	31.7	31.9	32.2
15.0	20.3	21.7	23.6	25.6	27.2	29.4	30.5	31.6	32.5	33.1	33.3	33.4	33.6	33.9	34.1
15.0	20.3	21.9	23.8	25.8	27.4	29.7	30.7	31.8	32.8	33.4	33.5	33.6	33.9	34.1	34.3
15.0	20.3	21.9	23.8	25.8	27.4	29.7	30.7	31.8	32.8	33.4	33.5	33.6	33.9	34.1	34.3
15.3	20.8	22.4	24.6	26.7	28.2	30.5	31.6	32.7	33.6	34.2	34.3	34.4	34.7	34.9	35.2
16.4	21.9	23.4	26.1	28.2	29.8	32.1	33.1	34.2	35.2	35.8	35.9	36.0	36.2	36.5	36.7
17.0	23.0	24.5	27.8	30.3	31.9	34.2	35.5	36.7	37.7	38.3	38.4	38.5	38.9	39.1	39.4
17.5	24.2	26.0	29.1	31.6	33.3	35.6	37.6	38.9	39.8	40.4	40.6	40.7	41.3	41.5	41.7
17.7	24.6	26.4	29.7	32.2	33.9	36.2	38.2	39.5	40.4	41.0	41.1	41.3	41.9	42.1	42.3
18.1	25.8	27.9	31.3	34.0	35.6	38.2	40.4	41.7	42.7	43.3	43.4	43.5	44.1	44.4	44.6
19.1	27.0	29.2	32.7	35.4	37.1	39.6	42.1	43.4	44.5	45.1	45.3	45.5	46.1	46.3	46.5
20.9	30.3	32.5	36.6	39.5	41.1	43.7	46.2	47.5	48.6	49.4	49.6	49.9	50.5	50.7	51.0
22.4	32.5	34.9	39.4	42.2	43.9	46.5	49.3	50.6	51.8	52.6	53.0	53.1	53.7	53.9	54.2
24.4	34.9	37.3	42.7	45.7	47.4	50.0	53.0	54.3	55.5	56.3	56.7	56.8	57.4	57.7	57.9
26.8	38.5	41.3	47.2	51.1	53.0	56.0	59.0	60.3	61.5	62.7	63.0	63.2	63.9	64.1	64.4
27.8	40.1	42.9	49.3	53.8	55.9	58.9	62.0	63.3	64.5	65.7	66.0	66.1	66.9	67.1	67.3
28.2	41.1	44.0	50.4	55.0	57.2	60.2	63.3	64.6	65.8	67.0	67.3	67.5	68.2	68.4	68.7
28.6	41.9	45.1	51.4	56.5	58.6	61.6	64.7	66.0	67.2	68.4	68.8	68.9	69.6	69.9	70.1
28.9	42.6	45.9	52.6	57.9	60.4	63.5	66.7	68.1	69.3	70.6	70.9	71.1	71.8	72.0	72.2
28.9	43.3	47.0	53.9	59.6	62.2	65.3	68.9	70.2	71.4	72.7	73.1	73.2	73.9	74.2	74.4
29.2	43.9	48.3	55.5	61.5	64.2	67.5	71.4	73.0	74.5	75.8	76.2	76.3	77.0	77.3	77.5
29.3	44.3	49.2	56.5	63.4	66.4	70.1	75.0	76.6	78.3	79.9	80.3	80.4	81.1	81.3	81.6
29.4	44.5	49.6	57.7	65.3	68.5	72.5	78.5	80.4	82.7	84.3	84.7	84.8	85.5	85.8	86.0
29.4	44.6	49.8	57.8	66.0	69.3	74.0	80.6	83.4	86.0	87.8	88.2	88.6	89.5	89.8	90.2
29.4	44.6	49.8	57.8	66.3	69.7	74.5	81.5	84.3	87.3	89.1	89.6	90.2	91.6	92.0	92.9
29.4	44.6	49.8	57.8	66.3	69.7	74.5	81.5	84.3	88.2	90.0	90.4	91.1	94.4	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS 636

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

BOSCOMBE DOWN UK 73-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1300-1400

9.7	12.3	12.4	14.1	15.3	15.8	16.2	16.9	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
15.6	21.0	21.5	23.5	24.9	25.8	26.4	27.1	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
15.7	21.1	21.6	23.7	25.2	26.0	26.6	27.3	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
15.8	21.3	21.7	23.8	25.3	26.1	26.7	27.5	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
16.8	22.4	22.8	25.0	26.5	27.3	27.9	28.7	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
18.0	24.2	24.7	27.2	28.8	29.6	30.3	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
19.4	26.2	26.7	29.8	31.5	32.3	32.9	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
19.4	26.9	27.5	30.5	32.2	33.0	33.7	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.2	35.2
19.7	27.2	27.8	31.0	32.8	33.7	34.3	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.8	35.8
19.8	27.3	27.9	31.1	32.9	33.8	34.4	35.6	35.8	35.8	35.8	35.8	35.8	35.8	36.0	36.0
20.0	28.2	28.8	32.0	33.8	34.6	35.4	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.9	36.9
22.0	31.0	31.6	35.2	37.1	37.9	38.8	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.5	40.5
22.7	32.6	33.5	37.3	39.1	40.2	41.1	42.4	42.8	42.8	42.8	42.8	42.8	42.8	42.9	42.9
23.8	34.0	35.5	39.2	41.6	42.9	44.0	45.3	45.9	46.1	46.1	46.1	46.1	46.1	46.2	46.2
24.9	35.2	36.7	40.5	42.8	44.1	45.2	46.5	47.1	47.3	47.3	47.3	47.3	47.3	47.4	47.4
26.6	36.9	38.4	42.4	44.7	46.1	47.1	48.5	49.1	49.2	49.2	49.2	49.2	49.2	49.3	49.3
28.3	39.2	40.8	45.1	47.6	49.0	50.1	51.4	52.0	52.1	52.1	52.1	52.1	52.1	52.2	52.2
33.2	45.3	47.0	51.4	54.7	56.0	57.2	58.7	59.3	59.5	59.7	59.7	59.7	59.7	59.8	59.8
34.8	47.6	49.6	54.2	57.6	59.2	60.4	62.0	62.6	62.8	62.9	62.9	62.9	62.9	63.1	63.1
36.9	51.2	53.1	57.8	61.7	63.3	64.5	66.2	66.8	67.1	67.2	67.3	67.3	67.3	67.4	67.4
40.2	56.9	59.3	64.8	69.0	70.8	72.1	73.8	74.4	74.6	74.7	74.8	74.8	74.8	75.0	75.0
40.8	58.6	61.0	66.8	71.4	73.3	74.5	76.2	76.9	77.2	77.4	77.5	77.5	77.5	77.6	77.6
41.1	59.3	61.7	67.6	72.3	74.1	75.5	77.2	77.9	78.1	78.4	78.5	78.5	78.5	78.6	78.6
41.3	59.9	62.3	68.3	73.8	75.6	76.9	78.9	79.6	80.0	80.2	80.3	80.3	80.3	80.4	80.4
42.0	61.4	63.9	70.6	76.4	78.4	79.7	81.9	82.7	83.1	83.4	83.5	83.5	83.5	83.6	83.6
42.0	62.0	64.8	71.9	78.1	80.4	81.9	84.4	85.3	85.8	86.0	86.1	86.1	86.1	86.3	86.3
42.2	62.3	65.4	72.8	79.3	81.7	83.5	86.1	87.2	87.7	88.0	88.1	88.1	88.1	88.2	88.2
42.2	62.8	65.9	73.8	80.7	83.0	85.3	88.3	89.7	90.2	90.4	90.5	90.5	90.5	90.6	90.6
42.2	63.1	66.3	74.4	81.9	84.2	86.6	89.9	91.7	92.6	93.0	93.1	93.1	93.1	93.2	93.2
42.2	63.1	66.3	74.4	82.5	85.1	87.8	91.9	93.7	95.0	95.4	95.5	95.7	95.7	95.9	95.9
42.2	63.1	66.3	74.4	82.5	85.4	88.5	92.6	94.8	96.6	97.1	97.2	97.7	97.7	97.8	98.4
42.2	63.1	66.3	74.4	82.5	85.4	88.5	92.6	94.8	96.6	97.3	97.4	98.2	98.3	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 823

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] DOSCOMBE DOWN UK 73-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

10.4	12.7	13.1	15.0	15.6	15.6	16.8	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
18.2	23.6	24.1	26.4	27.4	27.5	28.7	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
18.2	23.6	24.1	26.4	27.4	27.5	28.7	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
18.3	23.7	24.2	26.5	27.5	27.6	28.8	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
18.9	24.6	25.2	27.5	28.5	28.6	29.8	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
19.5	25.5	26.2	28.6	29.5	29.8	31.0	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
20.6	27.2	28.1	30.5	31.5	31.7	32.9	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
21.2	28.2	29.1	31.7	32.7	32.9	34.3	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
21.2	28.7	29.5	32.2	33.3	33.7	35.0	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
21.3	28.9	29.8	32.4	33.5	33.9	35.4	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
21.7	29.5	30.4	33.1	34.3	34.6	36.1	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
22.4	31.7	32.7	35.6	36.8	37.2	38.6	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
24.1	34.1	35.1	38.3	40.0	40.3	41.8	43.1	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6
25.7	36.4	37.5	40.6	42.5	43.0	44.4	45.8	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2
27.2	38.0	39.2	42.5	44.2	44.7	46.1	47.5	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9
29.7	41.3	42.5	45.9	47.6	48.1	49.5	50.8	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3
32.6	45.3	46.9	50.4	52.5	53.0	54.5	56.1	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5
36.7	51.0	53.3	57.3	59.7	60.3	61.9	63.4	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
38.6	54.1	56.8	61.3	63.7	64.4	66.1	67.7	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4
40.3	56.5	59.6	64.6	67.3	68.0	69.7	71.7	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5
41.6	59.4	62.8	68.4	71.7	72.4	74.2	76.5	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4
42.1	61.7	64.4	70.2	73.7	74.7	76.5	78.8	79.4	79.8	79.9	79.9	79.9	79.9	79.9	79.9
42.5	61.1	65.3	71.7	75.3	76.4	78.2	80.5	81.1	81.5	81.6	81.6	81.6	81.6	81.6	81.6
42.5	61.5	65.9	72.6	76.9	78.1	80.0	82.6	83.4	83.8	84.0	84.0	84.0	84.0	84.0	84.0
42.5	62.1	66.8	73.7	78.2	79.5	81.6	84.5	85.4	85.8	86.1	86.1	86.1	86.1	86.1	86.1
42.6	62.8	67.8	75.1	80.0	81.4	83.4	86.6	87.4	88.0	88.3	88.3	88.3	88.3	88.3	88.3
42.6	63.3	68.3	75.8	81.0	82.6	84.6	87.8	88.6	89.2	89.5	89.5	89.5	89.5	89.5	89.5
42.7	64.2	69.1	76.6	82.0	83.9	86.2	89.3	90.8	91.4	91.8	91.8	91.8	91.8	91.8	91.8
42.7	64.3	69.4	77.0	82.6	84.6	87.3	90.7	92.4	93.1	93.5	93.5	93.6	93.6	93.6	93.6
42.7	64.4	69.7	77.4	83.4	85.5	88.1	92.1	94.3	95.3	95.8	95.8	95.9	95.9	95.9	95.9
42.7	64.4	69.7	77.4	83.5	86.0	88.7	93.3	95.6	97.0	97.7	97.7	97.8	97.8	97.8	98.1
42.7	64.4	69.7	77.4	83.5	86.0	88.7	93.3	95.6	97.1	97.8	97.9	98.1	98.4	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 826

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

15.9	20.7	21.4	23.0	24.5	25.9	26.6	27.7	28.3	28.4	28.5	28.5	28.5	28.5	28.5	28.5
20.1	26.7	27.8	30.0	31.5	32.9	33.6	34.8	35.4	35.5	35.6	35.6	35.6	35.7	35.7	35.7
20.1	26.8	27.9	30.1	31.6	33.0	33.7	34.9	35.5	35.6	35.7	35.7	35.7	35.9	35.9	35.9
20.1	26.8	27.9	30.1	31.6	33.0	33.7	34.9	35.5	35.6	35.7	35.7	35.7	35.9	35.9	35.9
20.2	27.1	28.2	30.3	32.0	33.3	34.1	35.3	35.9	36.0	36.1	36.1	36.1	36.2	36.2	36.2
20.3	27.4	28.5	30.9	32.6	33.9	34.7	35.9	36.5	36.6	36.7	36.7	36.7	36.8	36.8	36.8
20.9	28.4	30.4	33.2	34.9	36.9	37.8	39.1	39.7	39.8	40.0	40.0	40.0	40.1	40.1	40.1
21.2	28.8	30.9	33.5	35.3	37.3	38.4	39.7	40.3	40.4	40.6	40.6	40.6	40.7	40.7	40.7
21.2	28.9	31.0	33.7	35.4	37.4	38.5	40.0	40.7	40.8	40.9	40.9	40.9	41.0	41.0	41.0
21.2	28.9	31.0	33.8	35.5	37.7	38.7	40.2	40.9	41.0	41.2	41.2	41.2	41.3	41.3	41.3
21.3	29.5	31.0	34.4	36.1	38.3	39.5	40.9	41.8	41.9	42.0	42.0	42.0	42.1	42.1	42.1
21.7	30.8	33.0	36.0	37.7	40.0	41.2	42.7	43.6	43.7	43.8	43.8	43.8	43.9	43.9	43.9
22.6	32.6	34.8	38.0	39.8	41.2	43.4	45.1	46.0	46.1	46.2	46.2	46.2	46.3	46.3	46.3
22.6	32.9	35.1	38.4	40.3	42.8	44.2	46.0	46.8	47.1	47.2	47.2	47.2	47.3	47.3	47.3
23.1	33.8	36.0	39.5	41.4	43.9	45.2	47.3	48.1	48.4	48.5	48.5	48.5	48.6	48.6	48.6
24.4	36.7	38.9	42.7	44.9	47.5	48.9	50.9	51.7	52.0	52.1	52.1	52.1	52.2	52.2	52.2
26.0	39.8	42.1	46.1	48.9	51.5	52.8	54.9	55.7	56.0	56.1	56.1	56.1	56.2	56.2	56.2
28.3	44.5	47.1	51.4	54.9	57.5	59.0	61.1	62.0	62.2	62.3	62.3	62.3	62.5	62.5	62.5
29.8	46.9	50.2	55.0	58.5	61.5	63.1	65.2	66.1	66.4	66.5	66.5	66.5	66.7	66.7	66.7
30.9	49.1	53.2	58.0	61.7	64.9	66.4	69.3	70.3	70.8	70.9	70.9	70.9	71.0	71.0	71.0
31.5	51.5	56.7	61.5	65.8	69.2	71.0	74.5	75.5	76.1	76.2	76.2	76.2	76.3	76.3	76.3
31.9	52.8	57.6	63.7	68.0	71.7	73.6	77.5	78.7	79.4	79.5	79.5	79.5	79.7	79.7	79.7
32.0	53.2	58.5	64.5	68.8	72.9	74.8	78.9	80.1	80.9	81.0	81.0	81.0	81.1	81.1	81.1
32.1	54.2	59.6	65.9	70.6	74.7	76.7	81.1	82.4	83.3	83.4	83.4	83.4	83.5	83.5	83.5
32.4	54.8	60.2	66.8	72.0	76.7	78.6	83.5	84.8	85.7	85.8	85.8	85.8	85.9	85.9	85.9
32.4	54.8	61.4	67.3	72.6	77.5	79.5	84.7	86.3	87.1	87.2	87.2	87.2	87.4	87.4	87.4
32.5	55.2	61.0	68.0	73.4	78.8	80.9	86.3	87.8	88.7	88.8	88.9	88.9	89.0	89.0	89.0
32.6	55.8	62.0	69.2	74.8	80.3	82.6	88.2	89.8	90.6	90.7	90.9	90.9	91.0	91.0	91.0
32.6	56.1	62.3	69.6	75.7	81.1	83.4	89.4	91.2	92.4	92.5	92.8	92.8	92.9	92.9	92.9
32.6	56.1	62.7	70.0	76.4	81.9	84.2	90.3	92.4	93.9	94.0	94.2	94.3	94.5	94.5	94.5
32.6	56.1	62.7	70.3	76.9	82.6	85.0	91.7	94.5	96.0	96.1	96.5	96.8	96.9	97.0	97.0
32.6	56.1	62.7	70.3	76.9	82.6	85.0	91.7	94.6	96.1	96.5	96.9	97.5	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 831

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 2100-2300

13.4	19.1	19.4	20.9	22.3	24.2	25.5	26.7	28.3	26.4	28.5	28.5	26.8	29.1	29.5	29.4
15.0	22.2	23.1	25.3	26.9	28.9	30.5	31.9	33.5	33.6	33.7	33.7	33.9	34.3	34.4	34.5
15.0	22.2	23.1	25.3	26.9	28.9	30.5	31.9	33.5	33.6	33.7	33.7	33.9	34.3	34.4	34.5
15.0	22.2	23.1	25.3	26.9	28.9	30.5	31.9	33.5	33.6	33.7	33.7	33.9	34.3	34.4	34.5
15.0	22.3	23.3	25.4	27.0	29.0	30.6	32.0	33.6	33.7	33.8	33.8	34.1	34.4	34.5	34.7
15.1	23.6	24.6	26.9	28.8	30.8	32.4	33.9	35.5	35.6	35.7	35.7	36.0	36.3	36.5	36.6
15.3	24.0	24.9	27.3	29.3	31.7	33.3	34.9	36.5	36.6	36.7	36.7	36.9	37.3	37.4	37.5
15.5	24.2	25.5	27.9	29.9	32.3	33.9	35.5	37.1	37.2	37.3	37.3	37.5	37.9	38.0	38.1
15.5	24.3	25.7	28.1	30.0	32.4	34.2	35.7	37.3	37.4	37.5	37.5	37.8	38.1	38.2	38.4
15.5	24.3	25.7	28.1	30.0	32.4	34.3	35.9	37.4	37.5	37.6	37.6	37.9	38.2	38.4	38.5
16.1	24.9	26.7	29.1	31.3	33.7	35.6	37.3	38.8	39.0	39.1	39.1	39.3	39.7	39.8	39.9
18.0	27.6	29.6	32.0	34.4	36.9	39.0	40.9	42.4	42.7	42.8	42.8	43.0	43.4	43.5	43.6
18.7	28.5	30.8	33.0	35.4	38.1	40.2	42.2	43.8	44.0	44.1	44.1	44.5	44.8	45.0	45.1
19.1	28.9	31.2	33.6	36.0	38.7	40.9	43.2	44.8	45.1	45.2	45.2	45.6	45.9	46.0	46.2
19.3	29.4	31.7	34.3	36.7	39.7	41.8	44.5	46.2	46.4	46.5	46.5	46.9	47.2	47.4	47.5
20.3	32.6	34.9	37.9	40.6	43.6	45.8	48.4	50.1	50.4	50.5	50.5	50.8	51.2	51.3	51.4
21.9	35.4	37.9	41.4	44.2	47.2	49.4	52.0	53.7	54.0	54.1	54.1	54.4	54.8	54.9	55.0
24.0	39.1	42.0	46.3	49.4	52.8	54.9	57.6	59.2	59.6	59.7	59.7	60.1	60.4	60.6	60.7
24.3	40.3	43.3	47.7	50.8	54.4	56.6	59.5	61.2	61.8	61.9	61.9	62.2	62.6	62.7	62.8
25.3	42.0	45.2	49.8	53.6	57.3	59.6	62.5	64.1	64.7	64.9	64.9	65.2	65.6	65.7	65.8
26.9	44.5	48.2	54.2	58.3	62.7	65.2	68.8	70.6	71.2	71.3	71.3	71.7	72.1	72.2	72.3
27.5	45.7	49.8	56.4	61.0	65.7	68.3	72.1	73.9	74.5	74.6	74.6	74.9	75.3	75.4	75.5
27.7	46.9	51.1	57.7	62.5	67.3	69.9	73.7	75.5	76.1	76.3	76.3	76.6	77.0	77.1	77.2
27.9	47.8	52.4	59.0	64.0	69.2	72.1	76.1	77.9	78.5	78.7	78.7	79.0	79.4	79.5	79.6
28.1	48.8	53.4	60.6	65.7	71.5	74.3	78.8	80.7	81.3	81.4	81.4	81.8	82.1	82.3	82.4
28.3	50.4	55.2	62.6	68.0	73.9	76.9	81.5	83.5	84.1	84.2	84.2	84.5	85.0	85.1	85.3
28.5	50.7	55.6	63.1	68.6	74.6	77.6	82.7	84.9	85.5	85.6	85.6	86.0	86.5	86.6	86.7
28.5	51.1	56.4	64.6	71.4	76.7	80.2	85.5	87.8	88.5	88.6	88.6	89.0	89.4	89.6	89.7
28.5	52.3	57.7	66.3	72.3	78.7	82.3	88.4	90.8	91.7	91.8	91.8	92.2	92.7	92.8	92.9
28.7	52.4	57.8	66.5	72.8	79.3	83.1	89.4	92.0	93.2	93.5	93.5	93.9	94.4	94.5	94.6
28.7	52.4	57.8	66.5	72.8	79.5	83.3	90.3	92.9	94.5	95.7	95.7	96.0	96.6	96.8	96.9
28.7	52.4	57.8	66.5	72.8	79.5	83.3	90.3	92.9	94.6	96.0	96.0	96.8	98.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 834

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] SOUTHAMPTON DOWN UK 73-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

11.2	15.1	15.7	16.9	17.9	18.9	19.9	21.4	22.1	22.5	22.6	22.6	22.8	23.1	23.2	23.7
15.0	20.4	21.3	23.0	24.2	25.5	26.7	28.5	29.2	29.7	29.8	29.8	30.0	30.4	30.5	31.0
15.0	20.4	21.3	23.0	24.3	25.6	26.8	28.5	29.3	29.8	29.9	30.0	30.2	30.5	30.6	31.1
15.1	20.4	21.3	23.1	24.3	25.6	26.8	28.6	29.4	29.8	29.9	30.0	30.2	30.6	30.7	31.2
15.4	20.9	21.8	23.5	24.8	26.1	27.3	29.1	29.9	30.3	30.5	30.5	30.7	31.1	31.2	31.7
15.9	21.7	22.7	24.6	26.0	27.4	28.7	30.4	31.3	31.7	31.8	31.9	32.1	32.4	32.5	33.1
16.6	22.8	24.0	26.0	27.6	29.1	30.4	32.3	33.2	33.6	33.8	33.8	34.0	34.4	34.5	35.0
16.9	23.4	24.7	26.9	28.5	30.0	31.4	33.3	34.2	34.6	34.8	34.9	35.1	35.4	35.5	36.1
17.0	23.6	25.0	27.2	28.9	30.4	31.8	33.7	34.6	35.1	35.2	35.3	35.5	35.8	36.0	36.5
17.1	23.7	25.0	27.3	29.0	30.5	32.0	33.9	34.8	35.2	35.4	35.4	35.6	36.0	36.1	36.7
17.4	24.2	25.6	28.0	29.7	31.2	32.7	34.7	35.6	36.1	36.2	36.3	36.5	36.8	37.0	37.5
18.5	26.0	27.5	30.1	31.9	33.5	35.0	37.1	38.0	38.5	38.7	38.7	38.9	39.2	39.4	40.0
19.3	27.3	28.9	31.6	33.6	35.3	36.8	39.0	40.0	40.5	40.7	40.8	41.0	41.4	41.5	42.0
19.8	28.2	29.9	32.7	34.7	36.5	38.2	40.5	41.6	42.2	42.4	42.5	42.7	43.1	43.2	43.8
20.3	29.0	30.7	33.6	35.6	37.4	39.1	41.6	42.7	43.2	43.4	43.5	43.7	44.1	44.3	44.8
21.7	31.3	33.1	36.3	38.5	40.4	42.2	44.8	45.9	46.5	46.7	46.7	47.0	47.4	47.5	48.1
23.4	33.9	35.8	39.3	41.9	43.9	45.7	48.4	49.6	50.2	50.4	50.4	50.7	51.1	51.2	51.8
26.1	38.1	40.3	44.3	47.3	49.4	51.3	54.1	55.3	55.9	56.2	56.3	56.5	57.0	57.1	57.6
27.2	39.8	42.2	46.5	49.5	51.8	53.8	56.7	57.9	58.7	58.9	59.0	59.3	59.7	59.8	60.4
28.6	41.9	44.6	49.3	52.7	55.0	57.1	60.3	61.5	62.3	62.6	62.7	62.9	63.4	63.5	64.1
30.5	45.3	48.5	54.0	57.9	60.5	62.8	66.3	67.5	68.4	68.7	68.8	69.1	69.5	69.7	70.2
31.2	46.8	50.2	56.1	60.4	63.2	65.6	69.1	70.4	71.4	71.7	71.8	72.1	72.5	72.7	73.2
31.6	47.7	51.2	57.3	61.5	64.5	66.9	70.5	71.8	72.7	73.1	73.2	73.4	73.9	74.0	74.5
31.8	48.5	52.3	58.5	63.2	66.2	68.7	72.4	73.9	74.8	75.2	75.3	75.5	76.0	76.1	76.7
32.2	49.5	53.5	60.2	65.1	68.4	70.9	74.9	76.4	77.3	77.7	77.8	78.1	78.6	78.7	79.2
32.4	50.4	54.7	61.7	66.9	70.5	73.2	77.4	78.9	79.9	80.3	80.4	80.7	81.2	81.3	81.8
32.6	51.0	55.5	62.7	68.1	71.9	74.7	79.3	80.9	82.0	82.4	82.5	82.8	83.3	83.4	84.0
32.7	51.5	56.3	63.7	69.6	73.6	76.7	81.6	83.5	84.6	85.1	85.2	85.5	86.0	86.1	86.7
32.7	52.0	56.9	64.7	71.0	75.2	78.6	84.2	86.3	87.8	88.3	88.5	88.7	89.2	89.4	89.9
32.7	52.1	57.1	65.0	71.8	76.1	79.7	85.8	88.3	90.0	90.6	90.8	91.2	91.8	92.0	92.5
32.7	52.1	57.1	65.1	71.9	76.5	80.1	86.7	89.4	91.6	92.5	92.8	93.4	94.1	94.4	95.4
32.7	52.1	57.1	65.1	71.9	76.5	80.1	86.7	89.5	91.9	93.0	93.4	94.3	95.8	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 6642

USAFETAC [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

460 COSCOMBE DOWN UK 73-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

21.3	26.5	28.2	30.9	32.0	33.2	34.3	36.0	36.2	36.6	36.6	36.7	36.7	37.2	37.3	37.5	
25.4	31.5	33.7	36.7	38.2	39.7	41.1	43.1	43.3	43.8	43.8	43.9	43.9	44.3	44.4	44.7	
25.4	31.5	33.7	36.7	38.2	39.7	41.1	43.1	43.3	43.8	43.8	43.9	43.9	44.3	44.4	44.7	
25.4	31.5	33.7	36.7	38.2	39.7	41.1	43.1	43.3	43.8	43.8	43.9	43.9	44.3	44.4	44.7	
25.9	31.9	34.1	37.2	38.6	40.2	41.7	43.7	43.9	44.3	44.3	44.4	44.4	44.9	45.0	45.2	
26.2	32.5	34.9	38.0	39.4	40.9	42.5	44.4	44.7	45.1	45.1	45.2	45.2	45.7	45.8	46.0	
27.1	33.4	35.9	39.2	40.7	42.2	43.8	45.8	46.0	46.4	46.4	46.5	46.5	47.0	47.1	47.3	
27.5	33.9	36.3	39.6	41.1	42.7	44.2	46.2	46.4	46.9	46.9	47.0	47.0	47.4	47.5	47.7	
27.7	34.1	36.5	39.8	41.4	42.9	44.4	46.4	46.6	47.1	47.1	47.2	47.2	47.6	47.7	48.0	
27.7	34.3	36.7	40.2	41.7	43.2	44.8	46.8	47.0	47.4	47.4	47.5	47.5	48.0	48.1	48.3	
28.2	34.9	37.3	40.7	42.2	43.8	45.3	47.3	47.5	48.0	48.0	48.1	48.1	48.5	48.6	48.8	
29.5	36.6	39.3	43.2	45.0	46.8	48.4	50.7	50.9	51.4	51.4	51.5	51.5	51.9	52.0	52.3	
29.9	37.4	40.0	44.2	46.2	48.1	49.7	52.1	52.4	52.8	52.9	52.9	52.9	53.4	53.5	53.7	
30.6	38.7	41.4	45.5	47.6	49.5	51.2	53.8	54.0	54.5	54.5	54.6	54.6	55.0	55.1	55.3	
31.2	39.5	42.4	46.5	48.6	50.5	52.1	54.6	55.0	55.4	55.4	55.6	55.6	56.0	56.1	56.3	
33.1	42.2	45.1	49.3	51.4	53.2	54.9	57.5	57.8	58.2	58.2	58.3	58.3	58.7	58.9	59.1	
35.4	46.2	49.4	54.0	56.1	58.1	59.7	62.4	62.6	63.0	63.0	63.1	63.1	63.6	63.7	63.9	
36.7	48.5	52.3	56.9	59.2	61.4	63.0	65.7	65.9	66.3	66.3	66.4	66.4	66.9	67.0	67.2	
37.4	49.3	53.4	58.2	60.5	62.7	64.4	67.0	67.2	67.7	67.7	67.8	67.8	68.2	68.3	68.5	
38.4	50.7	55.0	60.0	62.5	65.0	66.7	69.4	69.6	70.2	70.2	70.3	70.3	70.7	70.8	71.1	
39.3	53.8	58.9	64.0	66.7	69.2	70.8	73.9	74.1	74.7	74.7	74.8	74.8	75.2	75.4	75.6	
40.7	56.0	61.2	66.4	69.1	71.7	73.5	76.8	77.1	77.7	77.7	77.8	77.8	78.2	78.3	78.5	
41.1	57.1	62.4	68.0	70.6	73.3	75.0	78.3	78.7	79.2	79.2	79.3	79.3	79.8	79.9	80.1	
41.7	58.2	63.8	69.6	72.3	75.1	76.9	80.7	81.1	81.6	81.6	81.7	81.7	82.2	82.3	82.5	
41.7	59.3	65.3	71.5	74.1	77.1	78.9	82.8	83.2	83.7	83.7	83.8	83.8	84.3	84.4	84.6	
42.0	60.2	66.6	72.9	76.0	79.5	81.5	85.6	85.9	86.5	86.5	86.6	86.6	87.0	87.1	87.3	
42.0	60.4	66.9	73.8	77.0	80.5	82.6	86.8	87.1	87.7	87.7	87.8	87.8	88.2	88.3	88.6	
42.2	60.9	67.4	74.7	78.0	81.7	83.8	88.7	89.2	89.8	89.9	90.0	90.0	90.4	90.5	90.8	
42.5	61.8	68.9	76.6	80.3	84.3	86.6	91.7	92.6	93.2	93.3	93.4	93.4	93.8	93.9	94.2	
42.5	61.9	69.1	76.9	80.9	84.8	87.2	92.7	94.5	95.0	95.2	95.3	95.3	95.7	95.8	96.0	
42.5	62.0	69.3	77.2	81.3	85.5	88.0	93.6	95.6	96.8	97.2	97.6	97.6	98.2	98.3	98.8	
42.5	62.0	69.3	77.2	81.3	85.5	88.0	93.6	95.6	96.9	97.6	97.9	97.9	98.7	98.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] DECEMBER DOWN UP 73-[illegible] MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

14.2	16.4	19.9	23.4	25.2	26.0	27.3	29.5	30.2	30.7	30.8	30.8	31.2	31.9	32.2	32.7
18.4	23.4	24.9	28.7	31.2	32.2	33.4	35.8	36.5	37.1	37.2	37.2	37.6	38.3	38.6	39.2
18.4	23.5	25.1	28.8	31.3	32.3	33.6	35.9	36.6	37.2	37.3	37.3	37.7	38.4	38.7	39.3
18.4	23.5	25.1	28.8	31.3	32.3	33.6	35.9	36.6	37.2	37.3	37.3	37.7	38.4	38.7	39.3
18.7	23.7	25.3	29.0	31.6	32.6	33.9	36.2	37.0	37.5	37.6	37.6	38.1	38.7	39.1	39.6
19.0	24.4	26.0	29.6	32.5	33.6	35.0	37.3	38.1	38.6	38.7	38.7	39.2	39.8	40.2	40.7
19.9	25.3	27.2	30.9	33.7	34.9	36.3	38.6	39.4	40.0	40.1	40.1	40.5	41.2	41.5	42.1
20.3	25.7	27.6	31.3	34.1	35.3	36.8	39.1	39.8	40.4	40.5	40.5	40.9	41.6	41.9	42.5
20.5	26.0	27.9	31.7	34.4	35.7	37.1	39.4	40.2	40.7	40.8	40.8	41.3	41.9	42.3	42.8
20.6	26.0	27.9	31.7	34.4	35.7	37.1	39.4	40.2	40.7	40.8	40.8	41.3	41.9	42.3	42.8
21.3	27.2	29.4	33.1	35.9	37.1	38.5	40.8	41.6	42.2	42.3	42.3	42.7	43.4	43.7	44.3
22.5	28.8	31.1	34.9	37.9	39.3	40.9	43.6	44.6	45.1	45.3	45.3	45.7	46.4	46.7	47.2
23.0	29.4	31.8	35.9	38.9	40.3	41.9	44.8	45.7	46.2	46.4	46.4	46.8	47.5	47.8	48.3
23.5	30.6	33.0	37.1	40.1	41.5	43.2	46.0	46.9	47.5	47.6	47.6	48.0	48.7	49.0	49.6
24.3	31.5	33.9	38.0	40.9	42.4	44.0	46.9	47.8	48.3	48.5	48.5	48.9	49.6	49.9	50.4
25.5	33.3	36.4	40.8	43.9	45.4	47.0	50.0	50.9	51.4	51.5	51.5	52.0	52.6	53.0	53.5
28.4	37.5	41.2	45.9	49.0	50.4	52.1	55.2	56.1	56.6	56.7	56.7	57.2	57.8	58.2	58.7
30.8	41.2	44.6	49.8	53.1	54.6	56.3	59.4	60.4	61.1	61.3	61.3	61.7	62.4	62.7	63.2
31.7	42.4	46.1	51.3	55.0	56.6	58.3	61.4	62.4	63.1	63.2	63.2	63.3	64.5	64.8	65.3
33.1	44.5	49.0	54.5	59.4	60.0	61.7	64.8	65.8	66.7	66.8	66.8	67.3	68.0	68.4	69.0
34.9	48.1	53.0	58.5	62.5	64.3	66.0	69.1	70.1	71.0	71.1	71.1	71.6	72.3	72.7	73.3
35.5	49.9	54.7	60.6	64.6	66.4	68.1	71.2	72.3	73.2	73.3	73.3	73.8	74.5	74.9	75.5
35.9	50.7	55.5	61.5	65.5	67.4	69.1	72.2	73.3	74.2	74.3	74.3	74.8	75.5	75.9	76.5
36.1	51.3	56.3	62.5	66.6	68.8	70.5	73.7	74.8	75.7	75.8	75.8	76.4	77.0	77.5	78.1
36.3	52.4	57.5	63.8	68.0	70.2	72.1	75.3	76.4	77.3	77.4	77.4	77.9	78.6	79.0	79.6
36.8	54.5	59.9	67.0	71.4	73.8	75.7	79.0	80.1	81.0	81.1	81.1	81.7	82.3	82.8	83.3
37.1	55.7	61.4	69.0	73.5	76.4	78.5	82.0	83.1	84.1	84.2	84.2	84.8	85.4	85.9	86.4
37.1	55.8	61.9	70.1	74.9	77.8	79.9	83.7	84.8	85.9	86.0	86.0	86.5	87.2	87.6	88.2
37.1	56.5	62.8	71.9	76.7	79.8	82.0	86.2	87.3	88.6	88.7	88.7	89.3	90.0	90.4	90.9
37.1	57.0	63.2	72.4	77.6	81.1	83.7	88.4	90.1	91.5	91.6	91.6	92.2	92.8	93.3	93.8
37.1	57.0	63.2	72.6	78.1	81.8	84.4	90.0	91.7	93.6	93.7	93.7	94.3	94.9	95.4	96.1
37.1	57.0	63.2	72.6	78.1	81.8	84.4	90.0	91.8	93.9	94.2	94.3	95.1	96.5	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 906

GLOBAL CLIMATOLOGY BRANCH
TAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] DOSCOMBE DOWN UK 73-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

9.3	11.5	12.2	14.7	16.3	17.3	18.1	19.2	19.6	20.0	20.2	20.3	21.1	21.5	21.9	22.7
13.2	17.7	19.1	21.9	24.0	25.4	26.5	28.2	28.8	29.2	29.4	29.5	30.3	31.1	31.7	32.8
13.2	17.7	19.1	21.9	24.0	25.4	26.5	28.2	28.8	29.2	29.4	29.5	30.3	31.1	31.7	32.8
13.2	17.8	19.2	22.0	24.1	25.5	26.6	28.3	28.9	29.3	29.5	29.6	30.4	31.3	31.8	32.9
13.5	18.4	19.8	22.8	25.0	26.4	27.7	29.4	30.0	30.4	30.6	30.7	31.5	32.3	32.9	34.1
14.9	20.2	21.7	24.8	27.1	28.5	29.9	31.6	32.2	32.6	32.8	32.9	33.7	34.5	35.1	36.3
15.9	21.9	23.6	26.6	29.1	30.7	32.1	34.0	34.6	35.0	35.2	35.3	36.1	37.0	37.5	38.7
16.8	22.8	24.5	27.5	29.9	31.6	33.1	35.0	35.6	36.0	36.2	36.3	37.1	37.9	38.5	39.7
17.1	23.4	25.0	28.1	30.5	32.1	33.7	35.5	36.2	36.5	36.7	36.8	37.6	38.5	39.0	40.2
17.3	23.8	25.4	28.5	3 .9	32.6	34.1	36.0	36.6	37.0	37.2	37.3	38.0	38.9	39.5	40.7
17.9	24.7	26.3	29.4	31.8	33.6	35.2	37.1	37.7	38.0	38.3	38.4	39.1	40.0	40.6	41.8
18.6	26.3	28.1	31.4	34.1	36.0	37.8	39.7	40.5	40.8	41.2	41.3	42.1	43.0	43.5	44.7
19.7	27.6	29.5	33.1	35.9	37.7	39.6	41.6	42.3	42.7	43.1	43.2	44.0	44.8	45.4	46.6
20.6	28.9	30.8	34.4	37.4	39.3	41.2	43.4	44.2	44.5	45.0	45.1	45.8	46.7	47.3	48.5
20.9	29.4	31.4	35.1	38.2	40.0	42.2	44.4	45.2	45.5	45.9	46.1	46.8	47.8	48.4	49.6
22.8	31.7	33.8	37.8	41.0	42.9	45.2	47.4	48.1	48.5	48.9	49.0	49.8	50.5	51.3	52.5
24.6	34.2	36.3	40.5	43.8	45.6	47.9	50.1	51.0	51.3	51.8	51.9	52.6	53.6	54.2	55.4
27.4	37.7	39.9	44.1	47.7	49.7	52.0	54.2	55.2	55.5	55.9	56.0	56.8	57.8	58.3	59.5
27.9	38.6	40.7	45.1	48.7	50.8	53.1	55.3	56.3	56.6	57.0	57.1	57.9	58.9	59.5	60.7
29.1	40.8	43.0	47.6	51.8	53.8	56.3	58.6	59.5	59.9	60.3	60.4	61.2	62.2	62.8	64.0
31.8	45.2	47.5	52.6	57.0	59.3	61.7	64.4	65.4	65.8	66.3	66.4	67.2	68.2	68.9	70.1
32.8	47.5	50.0	55.5	59.9	62.3	64.8	67.5	68.5	69.0	69.5	69.6	70.4	71.4	72.0	73.2
33.1	48.5	51.0	56.5	60.9	63.3	65.8	68.5	69.5	70.0	70.5	70.6	71.4	72.4	73.0	74.2
33.4	49.6	52.1	57.6	62.2	64.7	67.3	70.1	71.1	71.5	72.0	72.1	72.9	73.9	74.6	75.8
34.0	51.0	53.6	59.3	64.1	66.8	69.5	72.6	73.6	74.1	74.7	74.8	75.5	76.5	77.2	78.4
34.4	52.7	55.8	61.7	67.0	69.8	72.8	75.9	76.9	77.4	78.0	78.1	78.8	79.8	80.5	81.7
34.5	53.4	56.9	63.2	68.5	71.4	74.3	77.4	78.4	79.1	79.6	79.7	80.5	81.5	82.1	83.3
34.8	54.3	58.0	64.7	70.4	73.5	76.4	80.0	81.3	81.9	82.5	82.6	83.3	84.3	85.0	86.2
34.8	54.6	58.5	65.7	71.5	74.7	77.6	81.5	82.9	83.6	84.1	84.2	85.0	86.1	86.7	87.9
34.9	54.7	59.8	66.0	72.4	76.2	79.4	84.0	85.7	87.0	87.6	87.8	88.6	89.8	90.5	91.7
34.3	54.7	58.8	66.1	73.0	77.0	80.2	85.5	87.6	89.0	90.1	90.5	91.3	93.1	93.9	95.7
34.8	54.7	58.8	66.1	73.0	77.0	80.2	85.5	87.8	89.8	91.1	91.7	92.9	95.7	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 912

GLOBAL CLIMATOLOGY BRANCH
OF TAC
WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

4 LOCOMBE COMM UK 73-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(MAIN HOURLY OBSERVATIONS)

12.5	16.6	17.7	18.8	19.8	21.2	21.6	22.3	22.5	22.7	23.1	23.1	23.2	23.2	23.2	23.[illegible]	
18.3	24.9	26.4	28.1	29.6	31.3	32.3	33.3	33.6	33.8	34.1	34.1	34.2	34.2	34.2	34.[illegible]	
18.3	24.9	26.4	28.1	29.6	31.3	32.3	33.3	33.6	33.6	34.1	34.1	34.2	34.2	34.2	34.[illegible]	
18.3	24.9	26.4	28.1	29.6	31.3	32.3	33.3	33.6	33.8	34.1	34.1	34.2	34.2	34.2	34.[illegible]	
19.6	26.2	27.6	29.4	3[illegible].9	32.7	33.7	34.7	34.9	35.1	35.4	35.4	35.5	35.5	35.5	35.[illegible]	
20.5	27.6	29.4	31.2	32.8	34.5	35.8	36.8	37.0	37.2	37.5	37.5	37.6	37.7	37.7	37.[illegible]	
21.6	29.8	31.6	33.4	35.1	36.9	38.1	39.1	39.3	39.5	39.8	39.8	40.[illegible]	40.1	40.1	40.[illegible]	
22.3	30.7	32.5	34.5	36.5	38.3	39.5	40.6	40.7	40.9	41.3	41.3	41.4	41.5	41.5	41.6	
22.4	31.0	32.8	34.9	36.9	38.6	39.8	40.8	41.1	41.3	41.6	41.6	41.7	41.8	41.9	41.[illegible]	
22.5	31.2	33.0	35.1	37.1	38.9	40.1	41.1	41.3	41.5	41.8	41.8	41.9	42.1	42.1	42.[illegible]	
22.3	32.0	33.8	35.9	37.9	39.6	40.9	42.1	42.4	42.6	42.9	42.9	43.0	43.2	43.2	43.3	
23.6	32.9	34.9	37.1	39.3	41.1	42.5	43.6	43.9	44.2	44.5	44.5	44.6	44.7	44.7	44.[illegible]	
24.0	34.7	36.8	39.1	41.3	43.0	44.7	45.8	46.1	46.4	46.7	46.7	46.8	46.9	46.9	47.	
25.3	36.8	39.0	41.4	43.7	45.6	47.2	48.3	48.7	48.9	49.2	49.2	49.3	49.4	49.4	49.[illegible]	
26.6	37.4	39.6	42.2	44.5	46.4	48.0	49.1	49.6	49.8	50.1	50.1	50.2	50.3	50.3	50.4	
27.9	38.9	41.1	43.7	46.1	48.0	49.7	50.8	51.2	51.4	51.8	51.8	51.9	52.0	52.0	52.1	
29.7	41.1	43.4	46.0	48.5	50.3	52.0	53.1	53.5	53.6	54.1	54.1	54.2	54.3	54.3	54.4	
34.5	46.7	49.[illegible]	52.0	54.6	56.6	58.4	59.5	59.9	60.2	60.5	60.5	60.6	60.7	60.7	6[illegible].8	
36.9	49.6	51.9	54.9	57.6	59.6	61.4	62.5	62.9	63.1	63.5	63.5	63.6	63.7	63.7	63.8	
39.3	52.6	55.1	58.1	60.8	62.8	64.6	65.7	66.1	66.3	66.7	66.7	66.8	66.9	66.9	67.0	
42.0	57.2	60.4	63.7	66.7	68.7	70.4	71.5	72.0	72.2	72.5	72.5	72.6	72.7	72.7	7[illegible].8	
43.7	59.8	63.6	67.2	70.2	72.3	74.2	75.4	75.8	76.2	76.5	76.5	76.6	76.7	76.7	76.8	
44.3	61.0	65.0	68.9	71.9	74.1	76.0	77.3	77.7	78.0	78.4	78.4	78.5	78.6	78.6	78.7	
44.[illegible]	63.0	67.0	71.1	74.1	76.5	78.8	80.2	80.7	81.0	81.3	81.3	81.5	81.6	81.6	81.7	
45.8	64.6	68.7	73.0	76.0	78.6	81.0	82.7	83.1	83.4	83.8	83.8	83.9	84.[illegible]	84.[illegible]	84.1	
46.2	65.8	7[illegible].2	74.7	78.3	80.9	83.8	85.8	86.4	86.8	87.1	87.1	87.2	87.3	87.3	87.4	
46.2	66.0	77.8	75.8	79.6	82.5	85.4	87.7	88.5	89.1	89.5	89.5	89.6	89.7	89.7	89.[illegible]	
46.2	66.3	71.4	76.8	81.3	84.7	88.0	90.7	91.6	92.2	92.7	92.7	92.8	92.9	92.9	93.[illegible]	
46.2	66.6	71.9	77.6	82.2	85.7	89.4	92.2	93.5	94.3	94.9	94.9	95.0	95.1	95.1	95.3	
46.2	66.7	72.0	77.8	82.7	86.2	90.0	93.0	94.5	95.8	96.7	96.7	96.8	96.9	96.9	97.[illegible]	
46.2	66.7	72.[illegible]	77.8	82.8	86.3	90.2	93.5	95.0	96.8	97.8	97.9	98.2	98.7	98.7	98.9	
46.2	66.7	72.[illegible]	77.8	82.8	86.3	90.2	93.5	95.1	96.9	98.[illegible]	98.2	98.6	99.3	99.4	100.	

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]ELTAC
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] LOUCOMBE DOWN UK 73-8[illegible]

12.8	17.3	18.3	19.1	19.4	19.7	20.0	20.[illegible]	20.5	20.6	[illegible]	20.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22.1	27.3	28.7	30.0	3[illegible].3	30.8	31.2	31.6	31.6	31.6	31.6	31.[illegible]	31.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22.1	27.3	28.7	30.0	30.3	30.6	31.2	31.6	31.6	31.6	31.6	31.6	31.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22.1	27.3	28.7	30.0	30.3	30.6	31.2	31.6	31.6	31.6	31.6	31.6	31.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23.6	29.3	30.9	32.1	32.4	32.9	33.3	33.7	33.7	33.7	33.7	33.7	33.7	[illegible]	[illegible]	[illegible]	[illegible]
24.7	30.6	32.1	33.4	34.1	34.5	35.1	35.5	35.5	35.5	35.5	35.5	35.5	[illegible]	[illegible]	[illegible]	[illegible]
25.4	32.4	34.7	35.4	36.1	36.5	37.1	37.5	37.5	37.5	37.5	37.5	37.5	[illegible]	[illegible]	[illegible]	[illegible]
27.1	33.2	34.7	36.3	36.9	37.4	37.9	38.4	38.4	38.4	38.4	38.4	38.4	[illegible]	[illegible]	[illegible]	[illegible]
27.3	33.6	35.2	36.7	37.4	37.8	38.4	38.8	38.8	38.8	38.8	38.8	38.8	[illegible]	[illegible]	[illegible]	[illegible]
27.3	33.7	35.3	36.8	37.5	37.9	38.5	38.9	38.9	38.9	38.9	38.9	38.9	[illegible]	[illegible]	[illegible]	[illegible]
27.7	34.4	36.1	37.5	38.2	38.6	39.5	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	[illegible]	[illegible]
29.6	37.3	39.3	41.0	41.8	42.5	43.1	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	[illegible]	[illegible]
31.7	39.3	41.9	43.7	44.7	45.4	46.0	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	[illegible]
34.6	43.3	45.4	47.1	48.3	49.3	49.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	[illegible]
36.1	44.3	46.9	48.7	49.9	50.6	51.2	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	[illegible]
39.5	48.3	53.4	52.2	53.4	54.1	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	[illegible]
43.7	52.9	55.3	56.9	58.1	58.7	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	[illegible]
49.8	[illegible].7	62.9	65.2	66.8	67.5	68.1	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	[illegible]
51.9	63.4	65.5	68.3	69.7	70.4	71.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	[illegible]
54.5	66.3	70.6	73.2	75.0	75.7	76.4	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	[illegible]
56.7	72.5	75.2	78.5	81.0	81.7	82.5	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	[illegible]
57.4	73.7	76.4	80.4	83.4	84.2	85.0	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	[illegible]
58.0	74.4	77.3	81.3	84.4	85.2	86.0	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	[illegible]
58.3	75.3	78.3	82.4	85.6	86.5	87.3	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	[illegible]
58.5	76.2	79.8	84.1	87.8	88.8	90.2	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	[illegible]
58.6	76.8	80.5	85.0	89.4	90.4	91.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	[illegible]
58.8	77.3	81.4	86.5	90.9	92.1	94.0	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	[illegible]
58.8	77.5	81.6	87.3	92.0	93.3	95.2	97.2	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	[illegible]
58.8	77.7	81.9	87.8	92.8	94.1	96.2	98.2	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	[illegible]
58.9	77.7	81.9	87.8	92.8	94.1	96.2	98.3	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	[illegible]
58.3	77.7	81.9	87.8	92.9	94.2	96.5	98.6	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	[illegible]
58.3	77.7	81.9	87.8	92.9	94.2	96.5	98.6	99.1	99.2	99.6	99.6	99.7	99.9	1[illegible].0	1[illegible].0	[illegible]

TOTAL NUMBER OF OBSERVATIONS 604

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	34.7	34.7	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36.6	36.6	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	37.6	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	39.4	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	39.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	39.6	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44.4	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49.8	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.3	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61.9	62.[illegible]	62.3	62.[illegible]	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.0	71.1	71.5	71.[illegible]	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74.2	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.8	77.9	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.8	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	86.0	86.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
[illegible]	76.3	[illegible]	[illegible]	[illegible]	[illegible]	87.4	87.7	88.9	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.	
[illegible]	77.3	81.2	85.6	87.9	[illegible]	[illegible]	89.6	90.9	91.[illegible]	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	[illegible]
[illegible]	77.7	81.6	86.7	88.9	[illegible]	[illegible]	90.9	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	[illegible]
[illegible]	[illegible]	82.3	87.5	90.2	[illegible]	91.4	92.4	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
53.6	77.1	83.2	88.7	91.6	[illegible]	93.1	94.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
53.6	79.2	83.5	88.9	92.1	[illegible]	93.6	94.7	97.0	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	[illegible]
53.6	79.3	83.4	89.3	92.9	94.6	96.[illegible]	98.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
[illegible]	79.6	83.7	89.6	93.3	95.2	96.6	99.0	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
55.6	79.6	83.7	89.6	93.3	95.3	96.7	99.1	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	[illegible]
55.6	79.6	83.7	89.6	93.3	95.3	96.7	99.1	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS 91[illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
2 AT[illegible] WEATHER SERVIC./MAC

CEILING VERSUS VISIBILITY

[illegible] LOSCOMBE DOWN UK 73-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM ALL OBSERVATIONS 1400-2100

18.8	23.6	25.5	26.2	27.6	28.4	28.5	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.9
26.7	35.1	37.6	38.9	41.2	42.1	42.2	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
26.7	35.1	37.6	38.9	41.2	42.1	42.2	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
27.1	35.4	37.9	39.2	41.5	42.4	42.5	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
27.1	35.5	38.3	39.6	41.8	42.7	42.8	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
27.2	36.3	39.1	40.8	43.0	43.9	44.0	44.3	44.5	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7
28.5	37.7	40.4	42.5	44.9	45.8	45.9	46.2	46.3	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5
28.8	38.2	40.9	42.9	45.3	46.2	46.3	46.6	46.7	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0
28.9	38.3	41.0	43.3	45.4	46.3	46.4	46.7	46.8	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1
28.9	38.4	41.1	43.2	45.5	46.4	46.5	46.8	47.0	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2
29.5	39.0	41.8	43.9	46.4	47.3	47.4	47.7	47.8	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0
31.7	41.1	44.5	46.8	49.3	50.4	50.7	51.0	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3
32.5	43.4	46.7	49.5	52.1	53.2	53.4	53.7	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0
33.6	44.7	48.2	51.3	53.9	55.1	55.3	55.8	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
35.1	46.4	49.9	53.2	55.8	57.0	57.2	57.6	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9
37.9	50.8	54.5	58.0	60.8	62.0	62.3	62.7	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0
40.4	54.5	58.3	61.8	64.7	66.0	66.4	67.0	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
42.7	58.2	62.4	66.5	69.8	71.2	71.7	72.3	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
43.9	59.8	64.1	68.4	71.7	73.2	73.7	74.2	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
46.4	62.5	67.0	71.5	75.0	76.4	77.0	77.6	77.8	78.0	78.2	78.2	78.2	[illegible]2	78.2	78.2	78.2
46.4	66.0	70.7	75.4	79.6	81.2	81.7	82.5	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
46.8	67.3	72.3	77.5	81.6	83.3	83.9	85.1	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
47.0	67.8	72.9	78.3	82.6	84.3	85.0	86.2	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
47.0	68.8	73.9	79.5	84.0	85.8	86.4	87.6	87.8	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2
47.4	69.7	74.8	80.3	85.1	86.8	87.5	88.9	89.1	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5
47.4	70.1	75.4	81.1	86.1	87.9	88.7	90.2	90.4	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
47.7	70.8	76.2	81.8	86.8	88.7	89.6	91.3	91.7	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
48.2	72.1	77.6	83.5	88.6	90.4	91.4	93.4	94.0	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
48.2	72.6	78.4	84.5	89.8	91.7	92.9	95.1	96.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
48.2	72.7	78.5	84.7	90.0	92.3	93.8	96.3	97.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
48.2	72.7	78.6	84.8	90.1	92.5	94.1	96.7	97.9	99.0	99.5	99.5	99.6	99.6	99.6	99.6	99.6
48.2	72.7	78.6	84.8	90.1	92.5	94.1	96.7	97.9	99.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 922

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

27.0	29.6	31.8	33.8	35.7	37.4	38.0	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	39.[illegible]
27.2	35.3	37.7	39.6	42.7	44.6	45.4	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5
27.2	35.3	37.7	39.6	42.7	44.6	45.4	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5
27.2	35.3	37.7	39.8	42.7	44.6	45.4	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5
27.5	35.6	38.0	40.1	43.0	46.0	45.7	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.9
27.6	36.3	38.9	41.0	44.3	46.3	47.0	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.2
27.7	36.3	39.3	41.3	44.7	46.7	47.5	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.7
28.2	36.6	39.6	41.7	45.1	47.1	47.9	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.1
28.2	37.0	39.9	42.0	45.4	47.5	48.2	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.5
28.2	37.1	40.0	42.2	45.6	47.7	48.5	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.7
28.7	38.2	41.1	43.3	46.7	48.9	49.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	51.[illegible]
29.8	40.6	43.9	46.6	50.1	52.5	53.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.7
30.6	41.4	44.7	47.6	51.1	53.6	54.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.9
31.6	42.7	45.9	48.8	52.3	54.8	55.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.1
32.6	44.0	47.3	50.1	53.6	56.3	57.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.7
34.3	47.5	50.9	54.1	57.7	60.3	61.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.7
36.5	50.2	53.8	57.5	60.6	63.3	64.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.7
38.3	53.9	57.9	61.1	64.8	67.4	68.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.8
39.5	55.9	60.1	63.4	67.2	70.0	70.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.4
40.9	58.1	62.4	65.7	69.6	72.4	73.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.9
41.9	60.6	65.1	68.6	72.8	75.5	76.5	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.4
42.4	62.5	67.3	71.5	75.7	78.4	79.5	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.4
42.4	63.0	68.1	72.9	77.1	79.8	81.0	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.9
42.4	63.8	69.0	73.9	78.1	80.8	82.1	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.2
42.5	64.8	70.3	75.3	79.7	82.6	84.0	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.2
43.0	65.6	71.1	76.4	81.3	84.2	85.9	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.5
43.2	66.2	72.5	77.5	82.5	85.5	87.3	89.4	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.2
43.9	67.3	73.2	79.2	84.2	87.7	89.6	92.0	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.6
44.0	67.9	74.1	80.4	85.9	89.9	91.9	94.7	95.8	96.2	96.3	96.3	96.3	96.3	96.4	96.6
44.0	68.3	74.8	81.4	86.8	91.0	93.0	96.3	97.7	98.0	98.1	98.1	98.1	98.1	98.2	98.5
44.0	68.3	74.8	81.4	86.8	91.0	93.0	96.8	98.5	99.0	99.1	99.2	99.2	99.2	99.3	99.6
44.0	68.3	74.8	81.4	86.8	91.0	93.0	96.8	98.5	99.1	99.2	99.3	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 912

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 MAR

CUMULATIVE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS ALL

15.8	20.3	21.7	23.4	24.6	25.5	26.1	27.0	27.2	27.4	27.5	27.5	27.7	27.9	28.0	28.2
22.1	28.1	29.9	32.0	33.7	34.9	35.6	36.7	37.0	37.2	37.3	37.3	37.5	37.7	37.8	38.1
22.2	28.2	30.7	32.0	33.7	34.9	35.7	36.8	37.0	37.2	37.3	37.3	37.5	37.7	37.9	38.1
22.2	28.2	30.0	32.1	33.8	34.9	35.7	36.8	37.1	37.3	37.4	37.4	37.5	37.8	37.9	38.2
22.7	28.9	30.7	32.8	34.6	35.7	36.5	37.6	37.9	38.1	38.2	38.2	38.4	38.6	38.7	39.0
23.3	29.9	31.9	34.1	36.0	37.1	38.0	39.1	39.4	39.6	39.7	39.7	39.9	40.1	40.3	40.6
24.3	31.3	33.4	35.7	37.6	38.8	39.7	40.8	41.1	41.3	41.4	41.4	41.6	41.8	42.0	42.2
24.9	32.0	34.0	36.4	38.3	39.6	40.5	41.6	41.9	42.1	42.2	42.2	42.4	42.6	42.7	43.0
25.1	32.3	34.4	36.7	38.7	39.9	40.8	42.0	42.2	42.4	42.5	42.5	42.7	43.0	43.1	43.4
25.2	32.5	34.6	37.0	38.9	40.2	41.0	42.2	42.5	42.7	42.8	42.8	42.9	43.2	43.3	43.6
25.7	33.4	35.5	37.8	39.8	41.1	42.0	43.2	43.5	43.7	43.8	43.8	44.0	44.2	44.3	44.6
27.1	35.5	37.9	40.6	42.7	44.1	45.2	46.4	46.7	46.9	47.1	47.1	47.3	47.5	47.6	47.9
28.5	37.3	39.8	42.6	44.9	46.3	47.4	48.7	49.0	49.3	49.4	49.4	49.6	49.8	50.0	50.2
29.9	39.2	41.7	44.6	46.9	48.4	49.5	50.9	51.2	51.4	51.6	51.6	51.8	52.0	52.1	52.4
30.9	40.3	42.8	45.8	48.1	49.6	50.8	52.2	52.5	52.7	52.8	52.8	53.0	53.3	53.4	53.7
32.8	43.1	45.8	49.0	51.4	52.9	54.1	55.5	55.8	56.0	56.1	56.1	56.3	56.6	56.7	57.0
35.5	46.6	49.5	52.8	55.3	56.8	58.0	59.4	59.7	60.0	60.1	60.1	60.3	60.5	60.7	61.0
38.9	51.4	54.5	58.1	60.8	62.4	63.6	65.1	65.4	65.7	65.8	65.8	66.0	66.3	66.4	66.7
40.2	53.2	56.4	60.2	63.0	64.7	65.9	67.3	67.7	67.9	68.1	68.1	68.3	68.5	68.7	69.0
41.9	55.9	59.3	63.3	66.3	68.0	69.2	70.7	71.1	71.4	71.5	71.5	71.7	72.0	72.2	72.4
43.8	59.6	63.5	67.8	71.1	73.0	74.2	75.8	76.3	76.6	76.7	76.7	76.9	77.2	77.3	77.6
44.6	61.5	65.5	70.3	73.7	75.6	76.9	78.7	79.2	79.5	79.6	79.7	79.8	80.1	80.3	80.5
44.9	62.4	66.5	71.5	74.9	76.9	78.2	80.0	80.5	80.8	81.0	81.0	81.2	81.4	81.6	81.9
45.2	63.4	67.7	72.8	76.3	78.4	79.9	81.9	82.3	82.6	82.8	82.8	83.0	83.3	83.4	83.7
45.6	64.5	69.0	74.3	78.0	80.1	81.6	83.9	84.4	84.7	84.8	84.9	85.1	85.3	85.5	85.8
45.9	65.5	70.2	75.8	80.0	82.3	84.1	86.4	86.9	87.3	87.4	87.5	87.6	87.9	88.1	88.4
46.0	66.1	71.1	77.0	81.3	83.8	85.8	88.3	88.8	89.3	89.4	89.5	89.6	89.9	90.1	90.4
46.2	66.7	71.8	78.1	82.7	85.3	87.4	90.3	91.1	91.6	91.9	91.9	92.1	92.3	92.5	92.8
46.3	67.1	72.5	79.2	84.0	86.9	89.1	92.3	93.2	93.8	94.1	94.1	94.3	94.6	94.8	95.0
46.3	67.3	72.7	79.6	84.6	87.6	90.0	93.5	94.8	95.5	95.9	95.9	96.1	96.4	96.5	96.8
46.3	67.3	72.8	79.7	84.8	88.0	90.4	94.2	95.6	96.7	97.1	97.2	97.5	97.9	98.1	98.5
46.3	67.3	72.8	79.7	84.8	88.0	90.4	94.2	95.7	96.9	97.4	97.6	97.9	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7279

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

24.1	35.3	37.7	41.0	42.7	43.7	44.6	45.5	45.8	46.1	46.2	46.2	46.4	46.5	46.5	46.7
29.7	42.2	44.7	48.5	50.6	51.9	53.1	54.6	54.8	55.2	55.3	55.3	55.5	55.6	55.6	55.9
29.8	42.4	44.8	48.6	50.7	52.0	53.2	54.7	54.9	55.3	55.4	55.4	55.6	55.7	55.7	56.1
29.8	42.4	44.8	48.6	50.7	52.0	53.2	54.7	54.9	55.3	55.4	55.4	55.6	55.7	55.7	56.1
29.8	42.4	45.5	48.7	50.8	52.1	53.3	54.8	55.0	55.4	55.5	55.5	55.7	55.8	55.8	56.2
30.0	42.6	45.3	49.0	51.2	52.4	53.7	55.2	55.4	55.7	55.8	55.8	56.1	56.2	56.2	56.5
30.6	43.5	46.3	50.3	52.8	54.0	55.4	57.1	57.3	57.6	57.8	57.8	58.0	58.1	58.1	58.4
31.0	44.1	46.9	50.8	53.5	54.7	56.2	58.0	58.3	58.8	58.9	58.9	59.1	59.2	59.2	59.6
31.3	44.3	47.1	51.1	53.7	54.9	56.4	58.2	58.6	59.0	59.1	59.1	59.3	59.5	59.5	59.8
31.3	44.7	47.6	51.5	54.1	55.4	56.9	58.7	59.0	59.5	59.6	59.6	59.8	59.9	59.9	60.2
31.9	45.6	48.5	52.9	55.6	56.9	58.4	60.4	60.7	61.2	61.3	61.3	61.5	61.6	61.6	61.9
32.2	47.0	50.1	54.6	57.6	59.0	60.7	62.7	63.1	63.6	63.8	63.8	64.0	64.1	64.1	64.4
33.0	48.5	51.6	56.3	60.0	61.6	63.4	65.5	65.8	66.4	66.5	66.5	66.7	66.8	66.8	67.2
34.2	50.3	53.6	58.3	62.2	63.8	65.8	68.1	68.6	69.2	69.3	69.3	69.5	69.6	69.6	70.0
34.7	51.8	55.2	60.1	64.0	65.6	67.7	70.1	70.7	71.2	71.3	71.3	71.6	71.7	71.7	72.0
36.5	54.6	58.0	63.2	67.2	69.0	71.1	73.6	74.2	74.7	74.9	74.9	75.1	75.2	75.2	75.5
37.1	55.8	59.3	64.7	69.1	70.9	73.0	75.7	76.2	76.8	76.9	76.9	77.1	77.2	77.2	77.6
39.0	59.6	63.2	68.6	73.3	75.1	77.2	79.8	80.4	81.0	81.1	81.1	81.3	81.4	81.4	81.8
39.8	60.7	64.3	70.0	74.6	76.4	78.6	81.2	81.8	82.3	82.4	82.4	82.7	82.8	82.8	83.1
40.0	61.7	65.3	71.0	75.8	77.7	79.8	82.4	83.2	83.8	83.9	83.9	84.1	84.3	84.3	84.6
41.1	64.3	68.0	73.8	79.0	81.0	83.1	85.8	86.6	87.2	87.3	87.3	87.5	87.7	87.7	88.0
41.6	65.3	69.3	75.4	80.6	82.8	84.9	87.7	88.4	89.0	89.1	89.1	89.4	89.5	89.5	89.8
41.9	66.0	70.0	76.1	81.3	83.5	85.6	88.6	89.4	89.9	90.0	90.0	90.3	90.4	90.4	90.7
42.5	67.0	71.2	77.3	82.6	84.9	87.1	90.1	90.9	91.5	91.6	91.6	91.8	92.0	92.0	92.3
42.9	68.3	72.5	78.6	83.8	86.3	88.6	91.7	92.5	93.1	93.2	93.2	93.4	93.5	93.5	93.9
42.9	68.6	72.8	79.3	84.6	87.1	89.4	92.5	93.3	93.9	94.0	94.0	94.2	94.3	94.3	94.7
43.0	69.2	73.4	79.8	85.2	87.8	90.1	93.3	94.1	94.7	94.8	94.8	95.0	95.1	95.1	95.5
43.0	69.9	74.1	80.5	85.8	88.6	91.2	94.3	95.2	95.8	95.9	95.9	96.1	96.3	96.3	96.6
43.0	70.1	74.3	81.0	86.4	89.1	91.8	95.5	96.4	96.9	97.1	97.1	97.3	97.4	97.4	97.7
43.0	70.1	74.3	81.1	86.5	89.2	92.0	95.9	96.8	97.4	97.5	97.5	97.7	97.8	97.8	98.2
43.0	70.1	74.3	81.1	86.7	89.8	92.6	96.9	98.0	98.5	98.6	98.8	99.0	99.1	99.1	99.5
43.0	70.1	74.3	81.1	86.7	89.9	92.8	97.1	98.1	98.6	98.9	99.0	99.3	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 883

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-87 APR

PERCENTAGE FREQUENCY OF OCCURRENCE 0300-0500
FROM HOURLY OBSERVATIONS

16.1	24.4	26.1	29.2	31.8	32.6	33.3	34.5	34.7	34.7	34.9	34.9	35.0	35.3	35.4	35.9
19.7	30.5	32.6	36.0	39.0	40.2	41.2	42.5	43.1	43.1	43.2	43.2	43.3	43.7	43.8	44.3
19.7	30.5	32.6	36.0	39.0	40.2	41.2	42.5	43.1	43.1	43.2	43.2	43.3	43.7	43.8	44.3
19.7	30.5	32.6	36.0	39.0	40.2	41.2	42.5	43.1	43.1	43.2	43.2	43.3	43.7	43.8	44.3
19.8	30.6	32.7	36.1	39.1	40.4	41.5	42.7	43.3	43.3	43.4	43.4	43.5	44.0	44.1	44.5
20.0	31.1	33.3	36.7	39.6	41.0	42.0	43.3	43.8	43.8	44.0	44.0	44.1	44.5	44.6	45.1
20.6	32.2	34.4	37.9	40.9	42.5	43.5	44.8	45.3	45.2	45.4	45.4	45.6	46.0	46.1	46.6
21.2	33.1	35.3	38.8	41.8	43.4	44.4	45.7	46.4	46.4	46.5	46.5	46.6	47.0	47.2	47.6
21.2	33.1	35.3	38.8	41.8	43.4	44.4	45.7	46.4	46.4	46.5	46.5	46.6	47.0	47.2	47.6
21.3	33.4	35.6	39.2	42.3	44.0	45.0	46.2	46.9	46.9	47.0	47.0	47.2	47.5	47.7	48.2
22.5	34.9	37.1	40.9	44.1	45.9	46.9	48.3	49.1	49.1	49.3	49.3	49.4	49.9	50.0	50.5
23.3	37.0	39.5	43.5	47.3	49.2	50.7	52.5	53.4	53.4	53.6	53.6	53.8	54.3	54.4	55.1
24.1	38.3	40.9	45.1	49.2	51.1	52.6	54.6	55.5	55.5	55.8	55.8	55.9	56.5	56.6	57.3
24.6	38.8	41.7	46.0	50.6	52.5	54.1	56.0	56.9	57.1	57.4	57.4	57.6	58.2	58.3	59.2
24.9	39.9	42.8	47.4	51.9	53.9	55.5	57.4	58.4	58.5	59.0	59.0	59.2	59.8	59.9	60.8
27.3	43.7	46.9	51.5	56.2	58.2	59.9	61.8	63.0	63.1	63.6	63.6	63.8	64.4	64.5	65.4
28.5	46.0	49.3	54.0	58.8	60.8	62.5	64.6	65.7	65.8	66.3	66.3	66.5	67.1	67.2	68.1
29.8	48.5	51.9	57.1	61.8	64.1	65.8	68.0	69.1	69.4	69.8	69.8	70.0	70.6	70.7	71.6
30.9	50.5	54.0	59.2	64.1	66.5	68.2	70.5	71.6	71.9	72.3	72.3	72.6	73.1	73.2	74.1
32.6	52.4	56.2	61.4	66.3	66.7	70.4	72.7	73.9	74.3	74.7	74.7	74.9	75.5	75.6	76.5
33.8	55.2	59.5	64.7	69.6	72.0	73.7	76.1	77.3	77.7	78.1	78.1	78.5	79.0	79.2	80.1
34.6	57.4	61.8	67.1	72.4	74.9	76.8	79.2	80.4	80.8	81.2	81.2	81.5	82.1	82.2	83.1
34.6	57.6	62.3	67.7	73.0	75.5	77.4	80.0	81.2	81.5	82.0	82.0	82.3	82.9	83.0	83.9
34.7	58.4	63.2	68.6	74.1	76.7	78.6	81.2	82.7	83.0	83.5	83.5	83.8	84.4	84.5	85.4
35.1	60.0	65.0	70.4	76.1	78.6	80.8	83.4	84.9	85.2	85.6	85.6	86.0	86.6	86.7	87.6
35.5	60.7	65.9	71.4	77.2	79.7	82.0	84.7	86.2	86.6	87.0	87.0	87.4	87.9	88.0	89.0
35.8	61.7	67.0	72.7	78.5	81.3	83.6	86.3	87.8	88.2	88.6	88.6	89.0	89.5	89.6	90.5
35.8	62.1	67.5	73.5	79.3	82.2	84.7	88.0	89.6	90.1	90.5	90.5	90.9	91.5	91.6	92.5
35.9	62.3	68.0	73.9	80.2	83.4	86.3	90.1	91.7	92.1	92.6	92.6	92.9	93.5	93.6	94.5
35.9	62.3	68.1	74.0	80.3	83.8	86.9	90.9	92.5	93.1	93.5	93.5	93.8	94.4	94.5	95.4
35.9	62.3	68.1	74.4	80.6	84.5	87.7	92.3	93.8	95.1	95.6	95.6	95.9	96.8	96.9	98.3
35.9	62.3	68.1	74.4	80.6	84.5	87.7	92.3	94.0	95.2	95.9	95.9	96.2	97.6	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 878

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

37460 BOSCOMBE DOWN UK 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

14.5	21.5	21.3	23.7	26.0	27.0	27.7	28.6	28.9	29.0	29.3	29.4	29.4	29.4	29.4	30.0
16.7	27.7	29.1	32.7	35.4	36.8	37.9	39.1	39.6	39.9	40.1	40.4	40.4	40.5	40.5	41.2
18.8	27.9	29.4	32.9	35.7	37.2	38.2	39.5	39.9	40.2	40.5	40.7	40.7	40.8	40.8	41.5
18.9	28.0	29.5	33.1	35.9	37.4	38.4	39.7	40.1	40.5	40.7	40.9	40.9	41.0	41.0	41.7
19.4	28.6	30.0	33.7	36.6	38.1	39.1	40.4	40.8	41.2	41.4	41.6	41.6	41.7	41.7	42.4
19.7	29.1	30.6	34.2	37.2	38.7	39.7	41.0	41.5	41.8	42.1	42.3	42.3	42.4	42.4	43.1
20.4	30.8	32.5	36.4	39.7	41.2	42.3	43.7	44.1	44.4	44.7	44.9	44.9	45.0	45.0	45.7
20.9	31.9	33.6	37.4	40.7	42.2	43.3	44.7	45.1	45.7	46.0	46.3	46.3	46.4	46.4	47.1
21.0	32.1	33.8	37.6	40.9	42.4	43.5	44.9	45.4	45.9	46.3	46.5	46.5	46.6	46.6	47.3
21.1	32.4	34.1	38.0	41.3	42.7	43.9	45.2	45.7	46.3	46.6	46.8	46.8	46.9	46.9	47.6
21.7	33.3	35.1	39.5	42.7	44.2	45.4	46.8	47.7	47.8	48.2	48.4	48.4	48.5	48.5	49.2
23.9	36.6	38.5	43.3	46.8	48.3	49.9	51.8	52.4	52.9	53.4	53.6	53.6	53.9	53.9	54.5
24.8	38.5	40.6	45.6	49.1	50.6	52.2	54.2	54.8	55.4	55.9	56.1	56.1	56.6	56.6	57.4
25.2	39.8	42.0	47.2	50.8	52.4	54.2	56.5	57.1	57.8	58.3	58.5	58.5	59.0	59.0	59.8
26.2	41.4	43.5	48.8	52.4	54.0	55.9	58.2	59.0	59.6	60.1	60.3	60.3	60.8	60.8	61.6
27.9	43.5	45.7	50.9	54.5	56.2	58.2	60.4	61.2	61.9	62.5	62.7	62.7	63.2	63.2	63.9
28.3	44.9	47.1	52.5	56.2	57.9	60.0	62.4	63.2	63.9	64.5	64.7	64.7	65.2	65.2	66.0
30.5	48.3	50.6	56.0	60.0	61.7	63.7	66.3	67.2	68.0	68.6	68.8	68.8	69.3	69.3	70.1
31.6	50.6	52.9	58.5	62.5	64.2	66.2	68.8	69.7	70.5	71.1	71.3	71.3	71.8	71.8	72.6
32.8	51.9	54.9	60.4	64.4	66.1	68.1	70.7	71.8	72.6	73.1	73.4	73.5	73.9	73.9	74.7
34.9	55.1	58.2	63.9	67.9	69.7	71.8	74.4	75.4	76.2	76.8	77.0	77.1	77.6	77.6	78.3
35.5	56.5	59.9	66.1	70.5	72.3	74.4	77.1	78.1	78.9	79.7	79.9	80.0	80.5	80.5	81.3
35.7	57.4	61.3	67.8	72.6	74.5	76.5	79.4	80.4	81.2	82.0	82.2	82.3	82.8	82.8	83.6
36.1	58.0	62.1	68.6	73.5	75.4	77.6	80.5	81.5	82.3	83.1	83.3	83.4	83.9	83.9	84.7
36.4	58.8	63.5	69.8	75.2	77.1	79.4	82.5	83.6	84.4	85.1	85.4	85.5	85.9	85.9	86.7
36.5	59.9	64.5	71.4	77.0	79.1	81.7	85.1	86.3	87.1	87.9	88.1	88.2	88.7	88.7	89.5
36.5	60.2	65.1	72.1	78.0	80.2	82.9	86.4	87.5	88.3	89.1	89.3	89.5	89.9	89.9	90.7
36.5	60.8	65.9	72.9	78.9	81.2	84.0	87.9	89.1	90.0	90.9	91.2	91.3	91.7	91.7	92.5
36.5	60.8	65.9	73.1	79.5	81.9	85.4	90.0	91.4	92.3	93.2	93.4	93.5	94.0	94.0	94.8
36.5	60.8	65.9	73.1	79.7	82.2	85.7	90.7	92.4	93.4	94.3	94.6	94.7	95.2	95.4	96.1
36.5	60.8	65.9	73.2	79.8	82.3	85.8	90.9	92.6	93.9	95.1	95.7	96.0	96.9	97.1	98.0
36.5	60.8	65.9	73.2	79.8	82.3	85.8	91.0	92.7	94.0	95.2	95.8	96.1	97.3	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 882

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

13.9	18.7	20.1	21.9	22.5	23.2	24.2	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.5
22.7	29.6	31.8	34.0	35.4	36.4	37.9	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.7
22.7	29.6	31.8	34.0	35.4	36.4	37.9	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.7
22.7	29.6	31.8	34.0	35.4	36.4	37.9	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.7
23.3	30.3	32.5	34.8	36.3	37.3	38.9	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.7
24.5	31.7	33.8	36.3	37.8	38.8	40.4	40.7	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.2
26.5	33.9	36.1	38.6	40.2	41.2	42.9	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.7
27.5	35.4	37.7	40.3	42.0	43.0	44.9	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.7
27.6	35.7	38.0	40.6	42.3	43.3	45.2	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	46.0
27.7	35.9	38.1	40.7	42.4	43.4	45.4	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.2
28.4	36.9	39.3	42.2	44.0	45.0	46.9	47.3	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.9
30.9	40.4	43.1	46.2	48.4	49.4	51.4	51.7	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.3
33.1	43.6	46.4	49.4	52.0	53.1	55.0	55.3	55.5	55.7	55.8	55.8	55.8	55.8	55.8	55.8	56.0
35.6	46.4	49.3	52.4	55.2	56.3	58.3	58.6	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.3
36.4	47.2	50.1	53.2	56.0	57.1	59.0	59.4	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	60.1
38.0	49.0	52.0	55.1	57.9	59.2	61.1	61.5	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.2
41.0	52.4	55.7	58.9	61.9	63.1	65.0	65.5	65.7	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.2
45.5	58.5	61.9	65.3	68.2	69.5	71.4	71.8	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.5
47.4	61.0	64.4	67.9	70.8	72.1	74.0	74.4	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	75.1
49.8	64.1	67.8	71.3	74.3	75.6	77.5	77.9	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.6
52.5	68.6	72.9	76.7	80.2	81.4	83.4	83.8	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.5
53.2	70.1	74.5	78.4	82.4	83.7	85.7	86.3	86.5	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.1
53.4	70.6	75.0	79.2	83.6	85.0	87.1	87.7	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.5
53.8	71.5	76.1	80.7	85.6	87.1	89.5	90.0	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.8
54.2	72.6	77.5	82.0	87.3	89.1	91.7	92.3	92.5	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.1
54.2	73.5	78.6	83.1	88.6	90.5	93.3	94.0	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.8
54.2	73.8	79.0	83.6	89.3	91.2	94.3	95.1	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	96.0
54.2	73.8	79.0	83.7	89.7	91.7	95.0	95.8	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.8
54.2	73.9	79.1	83.8	90.2	92.4	95.8	96.8	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	98.0
54.2	73.9	79.1	83.8	90.4	92.6	96.0	97.2	97.9	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.6
54.2	73.9	79.1	83.8	90.4	92.6	96.0	97.3	98.0	98.3	98.6	98.9	99.0	99.0	99.0	99.0	99.2
54.2	73.9	79.1	83.8	90.4	92.6	96.0	97.3	98.0	98.3	98.6	99.0	99.1	99.4	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 584

[illegible] ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

460 BOSCOMBE DOWN UK 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

17.6	22.4	23.6	25.5	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
26.2	32.8	34.0	36.3	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
26.2	32.8	34.0	36.3	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
26.2	32.8	34.0	36.3	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
26.7	33.2	34.5	36.8	37.2	37.2	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
27.7	34.4	35.7	38.0	38.5	38.5	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
29.4	36.1	37.5	40.2	40.7	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
30.6	38.3	39.7	42.4	43.0	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
30.9	39.0	40.3	43.1	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
31.1	39.3	40.7	43.4	44.0	44.0	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
32.6	41.1	42.6	45.5	46.2	46.2	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
37.9	47.7	49.4	52.5	53.2	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
44.3	55.3	57.0	60.2	60.9	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
4[illegible].7	61.4	63.2	66.6	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
52.0	64.1	66.0	69.3	70.1	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
54.9	67.8	69.8	73.1	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
58.4	71.6	73.7	77.0	77.8	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
63.8	78.5	80.6	84.5	85.3	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
64.6	79.7	81.7	85.9	86.7	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
65.5	81.4	83.9	88.0	88.9	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
66.9	83.1	86.2	90.6	91.4	91.5	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
67.5	84.1	87.4	91.8	92.8	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
67.6	84.4	87.6	92.2	93.2	93.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
67.6	84.6	87.8	92.6	93.9	94.0	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
67.6	85.1	88.4	93.3	94.7	94.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
67.6	85.2	88.5	93.4	95.1	95.4	96.4	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
67.6	85.2	88.5	93.8	95.5	96.0	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
67.6	85.3	88.6	94.3	96.2	96.7	97.9	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
67.6	85.5	88.9	94.6	96.6	97.2	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
67.6	85.5	88.9	94.6	96.7	97.4	99.0	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
67.6	85.5	88.9	94.6	96.7	97.4	99.0	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
67.6	85.5	88.9	94.6	96.7	97.4	99.0	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 873

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 APR

[illegible] FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1500-1700

19.9	24.5	26.1	26.6	26.6	26.6	26.6	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
33.2	39.7	41.5	42.3	42.4	42.4	42.5	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
33.2	39.7	41.5	42.3	42.4	42.4	42.5	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
33.2	39.7	41.5	42.3	42.4	42.4	42.5	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
33.6	40.2	42.1	42.8	43.0	43.0	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
34.3	41.3	43.1	43.9	44.0	44.0	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
35.7	43.5	45.5	46.4	46.5	46.5	46.6	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
36.7	44.8	46.7	48.0	48.1	48.1	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
36.7	44.9	46.8	48.1	48.2	48.2	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
37.1	45.5	47.4	48.6	48.8	48.8	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
38.9	48.1	50.0	51.3	51.4	51.4	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
47.5	58.3	61.3	61.0	62.2	62.2	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
54.7	66.9	69.1	71.0	71.3	71.4	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
57.4	70.0	72.2	74.3	74.5	74.7	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
58.1	71.3	73.5	75.7	75.9	76.0	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
60.5	74.1	76.4	78.6	78.9	79.0	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
63.4	78.3	80.7	83.0	83.2	83.3	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.8
66.7	82.8	85.2	87.6	87.8	88.0	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
67.6	84.3	86.8	89.3	89.5	89.7	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
68.2	86.1	88.9	91.6	91.8	91.9	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
69.4	88.1	91.1	93.9	94.3	94.4	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
69.5	88.5	91.5	94.3	94.9	95.0	95.2	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
69.7	88.8	91.7	94.5	95.2	95.3	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
69.7	88.8	91.7	94.9	95.8	95.9	96.1	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
69.7	89.0	92.2	95.5	96.5	96.6	96.8	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
69.7	89.1	92.3	95.8	97.0	97.3	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
69.7	89.1	92.3	96.1	97.5	97.8	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
69.9	89.3	92.5	96.4	97.8	98.2	98.5	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
69.9	89.3	92.5	96.4	98.1	98.4	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
69.9	89.3	92.5	96.4	98.2	98.5	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
69.9	89.3	92.5	96.4	98.2	98.5	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
69.9	89.3	92.5	96.4	98.2	98.5	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 882

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2300

23.9	30.7	31.9	33.0	33.7	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
35.9	46.5	48.2	50.2	51.1	51.2	51.2	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5
35.9	46.5	48.2	50.2	51.1	51.2	51.2	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5
35.9	46.5	48.2	50.2	51.1	51.2	51.2	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5
36.5	47.3	49.7	51.1	52.0	52.1	52.1	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4
37.3	48.9	50.6	52.7	53.8	54.0	54.0	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2
38.6	51.0	52.9	55.1	56.2	56.3	56.6	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9
38.7	51.4	53.3	55.4	56.8	56.9	57.2	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6
38.7	51.7	53.6	55.8	57.1	57.2	57.8	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1
38.8	52.3	54.2	56.4	57.8	57.9	58.5	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8
40.7	54.0	55.9	58.1	59.5	59.6	60.2	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5
43.2	58.7	61.1	64.1	65.6	65.8	66.5	66.7	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9
46.5	63.6	66.5	69.6	71.4	71.7	72.5	72.7	72.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9
49.1	67.0	69.9	73.6	75.2	75.6	76.4	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
50.1	68.7	71.6	75.3	76.9	77.3	78.2	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5
52.9	72.3	75.5	79.4	81.1	81.4	82.5	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
54.1	74.3	77.7	81.7	83.5	83.8	85.0	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
55.9	77.1	80.9	85.1	86.9	87.2	88.3	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
56.2	77.9	81.8	86.0	87.9	88.2	89.4	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
56.6	78.7	82.6	87.0	88.9	89.3	90.5	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0
57.7	80.3	84.3	88.9	91.1	91.4	92.6	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
57.8	81.0	85.4	90.2	92.3	92.6	93.9	94.3	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5
57.9	81.3	85.9	90.7	92.9	93.3	94.6	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
58.0	81.7	86.2	91.1	93.3	93.8	95.0	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
58.1	81.8	86.3	91.4	93.9	94.3	95.7	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
58.1	81.9	86.5	91.9	94.6	95.4	96.7	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
58.1	82.0	86.9	92.3	95.0	95.9	97.3	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
58.1	82.0	87.1	92.9	95.6	96.5	98.0	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
58.1	82.0	87.3	93.1	95.8	96.7	98.4	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
58.1	82.0	87.3	93.1	95.8	96.8	98.5	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
58.1	82.0	87.3	93.1	95.8	96.8	98.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
58.1	82.0	87.3	93.1	95.8	96.8	98.5	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 584

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] SOUTHWEST DOWN UK 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE 1100-2300
[illegible] OBSERVATIONS

27.7	38.8	41.5	43.0	44.8	45.6	46.[illegible]	46.4	46.5	46.5	46.5	46.5	46.5	46.6	46.6	46.6	
34.[illegible]	47.3	50.9	52.8	55.0	56.2	56.7	57.1	57.2	57.3	57.3	57.3	57.3	57.4	57.6	57.6	
34.3	47.3	50.9	52.8	55.0	56.2	56.7	57.1	57.2	57.3	57.3	57.3	57.3	57.4	57.6	57.6	
34.9	47.3	50.9	52.8	55.0	56.2	56.7	57.1	57.2	57.3	57.3	57.3	57.3	57.4	57.6	57.6	
35.0	47.6	51.4	53.3	55.4	56.7	57.1	57.6	57.7	57.8	57.8	57.8	57.8	57.9	58.0	58.[illegible]	
35.6	48.5	52.3	54.2	56.4	57.7	58.1	58.6	58.7	58.8	58.8	58.8	58.8	58.9	59.0	59.[illegible]	
36.3	49.7	53.5	55.8	58.2	59.6	6[illegible]	60.6	60.7	60.9	60.9	60.8	60.8	60.9	61.1	61.1	
36.5	49.9	53.7	56.3	58.9	6[illegible]	6[illegible]	61.4	61.5	61.6	61.6	61.6	61.6	61.7	61.9	61.9	
36.6	50.0	53.8	56.4	59.0	60.4	60.[illegible]	61.5	61.6	61.7	61.7	61.7	61.7	61.9	62.0	62.[illegible]	
36.9	50.3	54.2	56.6	59.5	60.9	61.5	62.1	62.2	62.3	62.3	62.3	62.3	62.4	62.5	62.5	
37.2	51.1	55.3	57.9	6[illegible].7	62.2	62.8	63.3	63.4	63.5	63.5	63.5	63.5	63.7	63.8	63.9	
38.8	53.6	58.2	61.4	64.8	66.4	66.9	67.5	67.7	67.8	67.8	67.8	67.8	67.9	68.1	68.1	
40.0	55.9	60.7	64.3	68.2	69.9	70.4	71.0	71.2	71.3	71.3	71.3	71.3	71.4	71.6	71.6	
40.6	57.4	62.4	66.5	70.3	72.0	72.6	73.1	73.4	73.5	73.5	73.5	73.5	73.6	73.7	73.7	
41.5	58.9	64.0	68.1	72.0	73.8	74.4	75.1	75.4	75.5	75.5	75.5	75.5	75.6	75.7	75.7	
42.9	61.7	67.3	71.4	76.1	78.0	79.8	79.6	79.9	80.0	80.0	80.0	80.0	80.1	80.2	80.[illegible]	
43.7	64.6	70.3	74.6	79.3	81.3	82.1	83.0	83.4	83.5	83.5	83.5	83.5	83.6	83.7	83.7	
44.1	66.5	72.7	77.4	82.2	84.4	85.2	86.2	86.7	86.8	86.8	86.8	86.8	86.9	87.0	87.0	
44.7	67.0	73.5	78.3	83.2	85.4	86.3	87.4	87.8	88.0	88.0	88.0	88.0	88.1	88.3	88.3	
44.8	67.5	74.0	79.0	83.9	86.1	87.0	88.3	88.7	88.9	88.9	88.9	88.9	89.1	89.2	89.2	
45.3	69.2	76.0	80.9	85.8	88.0	88.9	90.2	90.9	91.1	91.1	91.1	91.1	91.2	91.3	91.3	
45.3	70.0	76.7	82.1	87.0	89.3	90.3	91.5	92.2	92.4	92.4	92.4	92.4	92.6	92.7	92.7	
45.3	70.2	77.0	82.3	87.2	89.5	90.5	91.8	92.4	92.7	92.7	92.7	92.7	92.8	92.9	92.9	
45.6	70.9	77.8	83.2	88.3	90.5	91.5	92.9	93.6	93.8	93.8	93.8	93.8	93.9	94.0	94.[illegible]	
45.6	71.1	78.1	83.5	88.7	91.1	92.1	93.6	94.2	94.5	94.5	94.5	94.5	94.6	94.7	94.7	
45.7	71.3	78.4	84.1	89.3	91.6	92.7	94.2	94.9	95.1	95.1	95.1	95.1	95.3	95.4	95.4	
45.8	71.8	79.0	84.7	89.8	92.2	93.2	94.8	95.5	95.7	95.7	95.7	95.7	95.8	95.9	95.9	
45.8	71.9	79.2	85.2	90.5	92.9	93.9	95.8	96.5	96.7	96.7	96.7	96.7	96.8	97.0	97.[illegible]	
45.8	71.9	79.2	85.4	90.9	93.3	94.4	96.6	97.3	97.5	97.5	97.5	97.5	97.6	97.7	97.7	
45.8	71.9	79.5	85.9	91.4	93.9	95.0	97.4	98.1	98.4	98.5	98.5	98.5	98.6	98.8	98.8	
45.8	71.9	79.5	86.0	91.5	94.0	95.1	97.7	98.5	99.0	99.1	99.1	99.1	99.2	99.3	99.3	
45.8	71.9	79.5	86.0	91.5	94.1	95.3	97.9	98.6	99.2	99.3	99.3	99.4	99.9	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] ROSCOMBE DOWN UK 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

19.7	26.9	28.6	30.5	31.7	32.3	32.6	33.2	33.4	33.4	33.5	33.5	33.5	33.6	33.6	33.6	33.6	33.[illegible]
27.6	37.1	39.1	41.6	43.2	44.0	44.7	45.4	45.6	45.7	45.7	45.8	45.8	45.9	45.9	46.1		
27.7	37.1	39.2	41.7	43.3	44.1	44.8	45.4	45.6	45.7	45.9	45.9	45.9	46.0	46.0	46.0		
27.7	37.1	39.2	41.7	43.3	44.1	44.9	45.5	45.7	45.7	45.8	45.8	45.9	46.0	46.0	46.2		
28.0	37.5	39.6	42.2	43.8	44.6	45.4	46.0	46.2	46.3	46.4	46.4	46.4	46.5	46.6	46.8		
28.7	38.5	40.6	43.2	44.8	45.7	46.4	47.0	47.2	47.3	47.4	47.4	47.5	47.6	47.6	47.8		
29.8	40.1	42.4	45.1	46.9	47.8	48.6	49.3	49.5	49.6	49.6	49.7	49.7	49.8	49.8	50.0		
30.4	41.1	43.4	46.2	48.1	49.0	49.8	50.6	50.8	50.9	51.0	51.0	51.1	51.2	51.2	51.4		
30.5	41.4	43.6	46.5	48.4	49.2	50.1	50.8	51.1	51.2	51.3	51.3	51.4	51.5	51.5	51.7		
30.7	41.7	44.0	46.7	48.8	49.7	50.6	51.3	51.5	51.7	51.7	51.8	51.8	51.9	52.0	52.2		
31.7	43.1	46.5	48.5	50.5	51.4	52.3	53.1	53.4	53.5	53.6	53.7	53.7	53.8	53.8	54.[illegible]		
34.7	47.4	5[illegible]	53.5	55.8	56.7	57.8	58.7	58.9	59.1	59.2	59.3	59.3	59.4	59.5	59.7		
37.5	51.3	54.1	57.7	61.3	61.3	62.4	63.3	63.6	63.8	63.9	63.9	64.0	64.1	64.2	64.4		
39.5	53.9	56.4	61.6	63.3	64.3	65.5	66.5	66.8	67.0	67.1	67.2	67.2	67.4	67.4	67.7		
40.5	55.4	58.3	62.2	64.9	66.0	67.2	68.2	68.6	68.8	68.9	68.9	69.0	69.1	69.2	69.5		
42.6	58.3	61.4	65.4	68.2	69.4	70.6	71.7	72.1	72.3	72.4	72.5	72.5	72.7	72.7	73.[illegible]		
44.3	61.7	64.2	68.3	71.2	72.4	73.6	74.6	75.0	75.4	75.5	75.6	75.6	75.8	75.8	76.1		
46.9	65.3	68.4	72.7	75.7	76.9	78.2	79.4	79.9	80.0	80.2	80.2	80.3	80.4	80.5	80.7		
47.8	66.4	69.9	74.4	77.4	78.7	79.9	81.2	81.6	81.8	82.0	82.0	82.1	82.2	82.2	82.5		
48.7	68.0	71.7	76.2	79.3	80.5	81.8	83.1	83.6	83.8	84.0	84.0	84.1	84.2	84.3	84.5		
50.3	70.5	74.5	79.2	82.4	83.7	85.0	86.3	86.9	87.1	87.2	87.3	87.4	87.5	87.5	87.8		
53.6	71.6	75.8	80.7	84.1	85.4	86.8	88.2	88.7	88.9	89.1	89.2	89.3	89.4	89.4	89.7		
55.7	73.0	76.3	81.3	84.9	86.2	87.7	89.1	89.6	89.9	90.1	90.1	90.2	90.3	90.4	90.6		
61.0	72.6	77.0	82.1	85.9	87.3	88.8	90.3	90.8	91.1	91.3	91.3	91.4	91.5	91.6	91.9		
71.2	73.3	77.9	83.1	87.0	88.5	90.1	91.7	92.2	92.5	92.6	92.7	92.8	92.9	93.0	93.0		
61.3	73.8	78.4	83.6	87.9	89.5	91.2	92.6	93.4	93.7	93.9	93.9	94.0	94.1	94.2	94.5		
51.3	74.1	78.9	84.4	88.6	90.3	92.1	93.8	94.3	94.6	94.8	94.8	94.9	95.1	95.1	95.4		
51.3	74.4	79.2	84.9	89.2	91.0	92.9	94.7	95.4	95.7	95.9	95.9	96.0	96.2	96.2	96.5		
51.4	74.5	79.4	85.2	89.7	91.6	93.7	95.9	96.6	96.9	97.1	97.1	97.2	97.4	97.4	97.7		
51.4	74.5	79.4	85.2	89.9	91.8	94.0	96.4	97.1	97.5	97.7	97.8	97.9	98.0	98.1	98.4		
51.4	74.5	79.4	85.3	90.0	92.0	94.2	96.8	97.5	98.1	98.4	98.5	98.6	98.9	98.9	99.3		
51.4	74.5	79.4	85.3	90.0	92.0	94.3	96.8	97.6	98.1	98.5	98.6	98.8	99.2	99.3	100.0		

TOTAL NUMBER OF OBSERVATIONS 7047

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
[illegible] HOURS OBSERVATIONS

24.3	33.7	36.5	38.7	40.7	41.6	42.3	43.4	43.4	43.4	43.[illegible]	43.6	44.2	44.7	44.6	44.7
26.2	41.1	44.4	47.0	49.0	50.2	51.9	52.1	52.1	52.2	52.5	52.5	53.0	53.1	53.4	[illegible]
26.2	41.1	44.4	47.0	49.0	50.2	50.[illegible]	52.1	52.1	52.2	52.5	52.9	53.[illegible]	53.1	53.4	[illegible]
28.3	41.2	44.5	47.1	49.1	50.3	51.0	52.2	52.2	52.3	52.6	52.6	53.1	53.2	53.6	[illegible]
28.7	42.1	45.4	48.1	50.1	51.3	52.0	53.2	53.2	53.3	53.6	53.6	54.1	54.2	54.5	[illegible]
29.2	42.6	45.9	48.6	50.6	51.8	52.6	53.8	53.9	53.9	54.1	54.1	54.6	54.8	55.1	55.4
29.5	43.5	47.3	49.7	51.7	53.0	54.0	55.2	55.2	55.3	55.5	55.5	56.1	56.2	56.5	56.8
29.7	44.4	48.0	50.9	52.9	54.5	55.6	56.8	56.8	56.9	57.2	57.2	57.7	57.8	58.1	58.5
29.7	44.5	48.3	51.3	53.2	54.9	56.0	57.2	57.2	57.3	57.5	57.5	58.0	58.1	58.5	58.8
30.1	45.1	49.0	51.9	54.0	55.7	56.8	58.0	58.0	58.1	58.4	58.4	58.9	59.0	59.3	59.7
30.7	46.1	49.9	53.1	55.4	57.2	58.4	59.7	59.7	59.8	60.0	60.0	60.5	60.7	61.0	61.3
32.0	49.3	53.1	56.3	58.7	61.8	62.1	63.4	63.4	63.5	63.7	63.7	64.3	64.4	64.7	65.[illegible]
34.0	52.0	56.2	59.3	61.7	63.8	65.2	66.8	66.8	66.9	67.1	67.1	67.7	67.8	68.1	68.4
34.3	52.9	57.0	60.2	62.6	64.8	66.2	67.9	67.9	68.0	68.2	68.2	68.7	68.9	69.2	69.5
35.4	54.3	58.5	61.6	64.2	66.3	67.9	69.6	69.6	69.7	69.9	69.9	70.5	70.6	70.9	71.3
36.4	56.2	60.3	63.7	66.3	68.5	70.1	71.8	71.8	71.9	72.1	72.1	72.7	72.8	73.1	73.4
37.2	57.7	61.9	65.4	68.0	70.2	71.8	73.6	73.6	73.7	73.9	73.9	74.4	74.5	74.9	75.2
37.9	59.3	63.6	67.1	69.8	72.1	73.9	75.6	75.6	75.7	76.0	76.0	76.5	76.6	76.9	77.3
38.0	59.9	64.3	67.9	70.6	72.9	74.6	76.6	76.6	76.7	76.9	76.9	77.5	77.6	77.9	78.3
38.4	61.2	66.0	69.6	72.6	75.0	76.8	78.8	78.8	78.9	79.2	79.2	79.8	79.9	80.2	80.5
39.3	63.5	68.7	72.8	75.6	78.0	80.0	82.0	82.0	82.1	82.4	82.4	83.1	83.2	83.5	83.8
39.6	64.5	69.9	74.3	77.3	79.7	81.6	83.6	83.6	83.7	84.0	84.0	84.7	84.8	85.1	85.5
39.9	65.5	70.9	75.3	78.3	80.7	82.6	84.6	84.6	84.7	85.0	85.0	85.7	85.8	86.1	86.4
40.3	66.3	72.0	76.4	79.6	82.0	83.9	85.9	85.9	86.0	86.3	86.3	87.0	87.1	87.4	87.8
40.4	67.1	73.1	77.7	81.0	83.4	85.4	87.3	87.4	87.5	87.9	87.9	88.5	88.6	89.0	89.3
40.7	68.2	74.3	79.2	82.7	85.2	87.4	89.5	89.7	89.8	90.2	90.2	90.8	90.9	91.3	91.6
40.9	68.7	75.3	80.0	83.5	86.0	88.2	90.4	90.6	90.8	91.1	91.1	91.8	91.9	92.2	92.6
40.9	69.4	75.7	81.1	84.7	87.2	89.4	91.6	91.8	92.0	92.3	92.3	93.0	93.1	93.4	93.8
40.9	69.7	76.3	81.9	85.7	88.2	90.4	92.7	93.2	93.6	93.9	94.0	94.6	94.8	95.1	95.4
40.9	69.8	76.7	82.4	86.3	88.9	91.0	93.6	94.1	94.4	94.8	94.9	95.5	95.6	96.0	96.3
40.7	69.9	76.9	83.1	87.0	89.7	91.9	94.8	95.3	96.0	96.3	96.4	97.0	97.3	97.6	98.3
40.9	69.9	76.9	83.1	87.0	89.7	91.9	94.8	95.5	96.2	96.7	96.9	97.6	98.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 915

2

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] 73-[illegible] MAY

[illegible]

17.[illegible]	23.6	25.4	29.1	31.6	31.5	32.8	33.3	33.7	34.5	34.7	34.7	35.1	[illegible]	36.4	37.5		
17.5	29.5	31.7	37.[illegible]	3[illegible].6	39.8	41.2	42.1	42.6	43.4	43.6	43.6	44.0	44.7	45.3	46.7		
17.5	29.5	31.7	37.[illegible]	3[illegible].8	39.8	41.2	42.2	42.7	43.5	43.7	43.7	44.1	44.[illegible]	45.4	46.[illegible]		
17.5	29.6	31.7	37.6	38.9	39.8	41.2	42.2	42.7	43.6	43.8	43.8	44.2	44.[illegible]	45.5	47.[illegible]		
19.3	3[illegible].2	32.5	37.8	39.7	40.7	42.1	43.0	43.6	44.5	44.7	44.7	45.1	45.[illegible]	46.4	47.5		
21.1	32.1	33.5	39.1	41.1	42.2	43.6	44.6	45.1	46.0	46.2	46.2	46.6	47.3	47.9	49.3		
21.2	33.5	35.1	41.0	43.4	44.6	46.2	47.2	47.7	48.5	48.8	48.8	49.2	49.[illegible]	50.5	51.[illegible]		
22.2	33.7	36.4	42.3	44.7	46.[illegible]	47.8	48.9	49.5	50.3	50.5	50.5	51.0	51.6	52.3	53.7		
22.5	34.0	36.8	42.7	4[illegible].1	46.4	48.3	49.3	49.9	50.8	51.[illegible]	51.[illegible]	51.4	52.1	52.7	[illegible]4.1		
22.[illegible]	34.1	37.[illegible]	42.8	45.2	46.5	48.4	49.5	50.0	50.9	51.1	51.1	51.5	52.2	52.8	54.[illegible]		
22.[illegible]	36.2	38.2	44.1	46.5	47.9	49.8	51.1	51.9	52.7	52.9	52.9	53.4	54.[illegible]	54.7	56.1		
27.4	38.5	41.8	48.3	51.1	52.5	54.5	56.3	57.3	58.2	58.4	58.4	58.8	59.6	60.2	61.[illegible]		
24.5	39.9	43.9	50.0	52.9	54.3	56.7	58.3	59.3	60.4	60.7	60.7	61.1	61.9	62.5	63.[illegible]		
25.[illegible]	42.8	44.5	51.1	54.0	55.5	57.9	59.6	60.7	61.7	62.[illegible]	62.[illegible]	62.4	63.2	63.8	65.[illegible]		
25.7	41.6	45.4	52.1	55.1	56.6	59.[illegible]	60.7	61.7	62.6	63.0	63.0	63.5	64.[illegible]	64.9	66.3		
27.[illegible]	43.3	47.2	53.6	56.8	58.5	60.9	62.5	63.6	64.7	64.9	64.9	65.3	66.2	66.8	68.[illegible]		
27.[illegible]	44.1	48.4	55.1	58.3	59.9	62.5	64.1	65.2	66.3	66.5	66.5	67.0	67.6	68.5	69.[illegible]		
28.5	46.2	50.4	57.3	60.5	62.3	64.9	66.6	67.7	68.8	69.[illegible]	69.[illegible]	69.5	70.[illegible]	71.0	72.4		
29.2	47.4	51.[illegible]	58.7	62.0	63.8	66.4	68.3	69.3	70.4	70.7	70.[illegible]	71.0	72.1	72.7	74.1		
29.9	48.8	53.2	60.4	63.9	65.8	68.4	70.2	71.3	72.5	72.7	72.8	73.3	74.1	74.8	76.2		
31.4	51.3	55.7	63.4	66.8	68.7	71.3	73.3	74.3	75.5	75.9	75.9	76.4	77.[illegible]	77.9	79.7		
32.0	52.6	57.7	65.5	69.1	71.[illegible]	73.7	75.7	76.7	77.9	78.3	78.4	79.9	79.6	[illegible].4	[illegible]		
32.1	53.3	58.5	66.3	69.9	72.0	74.7	76.6	77.7	78.9	79.2	79.3	79.9	[illegible]	81.4	[illegible]		
32.2	54.2	59.5	67.6	71.2	73.3	76.0	77.9	79.2	80.4	80.8	8[illegible].9	81.4	82.[illegible]	83.9	84.7		
32.3	54.9	60.2	68.6	72.4	74.8	77.6	79.7	81.0	82.3	82.6	82.7	83.3	84.1	84.8	86.2		
32.5	55.1	61.4	69.2	73.4	75.9	78.3	81.1	82.4	83.8	84.1	84.2	84.8	85.7	86.3	87.7		
32.5	55.3	61.8	69.6	74.0	76.5	79.5	81.7	83.2	84.6	84.9	85.[illegible]	85.5	86.4	87.1	88.5		
32.[illegible]	55.3	62.1	71.[illegible]	75.9	78.9	82.1	84.5	86.0	87.4	87.7	87.8	88.4	89.3	9[illegible].0	91.4		
32.[illegible]	56.6	62.5	72.[illegible]	76.6	79.7	82.8	85.3	87.1	88.5	88.8	89.[illegible]	89.6	90.7	91.3	92.7		
32.[illegible]	56.7	62.6	72.4	77.0	80.1	83.3	86.1	88.2	89.6	90.0	90.2	90.8	91.8	92.5	94.[illegible]		
32.[illegible]	56.5	62.7	73.5	77.4	8[illegible].7	83.9	87.1	89.[illegible]	91.0	91.4	91.6	92.3	93.6	94.5	96.7		
32.[illegible]	56.8	62.7	72.5	77.6	8[illegible].9	84.2	87.4	89.7	91.7	92.2	92.6	93.4	94.9	96.3	100.[illegible]		

TOTAL NUMBER OF OBSERVATIONS [illegible]

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] COLCOMBE DOWN UK | 73-82 | MAY

[illegible] PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS | [illegible]

17.7	21.7	22.7	24.5	26.2	26.9	27.6	28.9	29.7	29.7	29.8	29.9	30.1	30.5	30.9	31.1	
17.4	29.3	31.2	34.7	36.9	37.7	38.3	40.5	40.8	41.5	41.6	41.7	42.1	43.0	43.0	43.[illegible]	
17.4	29.3	31.2	34.8	37.0	37.8	38.9	40.6	40.9	41.6	41.7	41.8	42.2	43.1	43.1	43.[illegible]	
17.4	29.3	31.2	34.8	37.0	37.8	38.9	40.6	40.9	41.6	41.7	41.8	42.2	43.1	43.1	43.[illegible]	
17.6	29.9	32.1	35.7	37.9	38.7	39.8	41.5	41.8	42.4	42.6	42.7	43.1	44.0	44.0	44.[illegible]	
18.3	31.5	33.8	37.6	39.8	40.7	41.8	43.8	44.1	44.8	44.9	45.0	45.4	46.3	46.7	47.1	
19.3	33.5	36.2	40.2	42.4	43.6	44.8	46.7	47.3	48.0	48.1	48.2	48.6	49.5	49.5	50.3	
20.8	35.2	37.8	42.0	44.5	45.6	46.9	49.0	49.5	50.3	50.4	50.5	50.9	51.8	51.8	52.6	
21.9	35.3	37.9	42.1	44.9	46.1	47.3	49.4	49.9	50.7	50.8	50.9	51.4	52.3	52.3	53.[illegible]	
21.1	35.4	38.0	42.2	45.0	46.2	47.4	49.5	50.1	50.6	50.9	51.0	51.5	52.4	52.4	53.1	
21.3	36.2	38.9	43.3	46.1	47.4	48.6	50.8	51.4	52.1	52.3	52.4	52.8	53.7	53.7	54.5	
23.9	38.7	42.7	47.3	51.3	51.7	52.9	55.6	56.1	56.9	57.1	57.1	57.6	58.4	58.5	59.4	
24.3	41.0	44.0	49.1	52.0	53.5	54.7	57.6	58.1	58.9	59.1	59.1	59.5	60.4	60.5	61.4	
25.4	42.7	46.6	50.7	53.8	55.2	56.4	59.3	59.9	60.6	60.7	61.0	61.3	62.2	62.3	63.1	
26.0	43.6	45.8	51.9	54.0	55.5	56.7	59.3	60.1	60.9	61.0	61.1	61.5	62.4	62.5	63.4	
28.0	44.5	47.5	52.9	56.0	57.4	58.7	61.6	62.0	63.0	63.1	63.2	63.6	64.5	64.6	65.6	
28.9	45.9	49.0	54.4	57.7	59.1	60.3	63.3	63.8	64.6	64.7	64.8	65.3	66.2	66.3	67.1	
30.3	48.8	52.0	57.4	60.9	62.4	63.6	66.6	67.1	67.9	68.0	68.1	68.6	69.5	69.6	70.5	
31.5	49.9	53.3	58.9	62.3	63.8	65.0	68.1	68.7	69.5	69.6	69.7	70.1	71.0	71.1	72.0	
33.2	51.9	55.3	61.1	64.6	66.2	67.4	70.5	71.0	71.8	71.9	72.0	72.4	73.3	73.4	74.3	
35.4	56.1	59.5	65.4	69.0	70.6	71.8	74.9	75.5	76.3	76.4	76.5	77.0	77.8	77.9	78.8	
35.6	56.8	60.2	66.0	70.0	71.9	73.1	76.2	76.8	77.6	77.7	77.8	78.3	79.2	79.3	80.2	
36.1	57.7	61.2	67.5	71.3	73.2	74.4	77.5	78.2	78.9	79.1	79.2	79.6	80.5	80.5	81.5	
36.3	58.9	62.4	69.0	73.0	75.0	76.4	79.5	80.2	80.9	81.0	81.1	81.6	82.5	82.6	83.5	
37.0	60.6	64.2	71.1	75.3	77.5	79.2	82.2	83.1	83.9	84.0	84.1	84.6	85.4	85.6	86.4	
37.5	62.0	65.8	72.9	77.2	79.4	81.0	84.1	85.1	85.9	86.0	86.1	86.5	87.4	87.5	88.4	
38.0	63.0	66.9	74.2	78.9	81.4	83.1	86.2	87.3	88.1	88.3	88.4	88.9	89.7	89.9	90.7	
38.0	63.2	67.4	75.0	80.4	83.2	85.3	88.8	90.0	90.7	91.0	91.1	91.5	92.4	92.5	93.4	
38.0	63.4	67.6	75.4	80.9	84.1	86.5	90.3	91.5	92.3	92.5	92.6	93.1	93.9	94.0	94.9	
38.1	63.4	67.6	75.6	81.5	84.8	87.3	91.5	92.9	93.7	94.2	94.3	94.7	95.6	95.7	96.6	
38.0	63.4	67.6	75.6	81.5	84.8	87.4	91.7	93.5	94.5	95.1	95.3	95.8	97.0	97.1	98.0	
38.0	63.4	67.6	75.6	81.5	84.8	87.4	91.8	93.6	94.7	95.4	95.7	96.3	98.0	98.5	100.[illegible]	

TOTAL NUMBER OF OBSERVATIONS 972

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

46 [illegible] DOWN UK 73-82 MAY

[illegible] PERCENTAGE FREQUENCY OF OCCURRENCE
[illegible] OBSERVATIONS

0900-1100

17.3	22.1	23.8	24.6	25.1	25.4	25.7	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
28.5	35.9	38.3	39.2	39.8	40.2	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
28.9	36.5	39.1	39.3	39.9	40.3	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
29.2	36.2	38.3	39.5	40.2	40.5	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
29.5	36.6	38.8	40.0	40.7	41.0	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
31.1	38.7	40.9	42.1	43.0	43.3	43.8	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1
32.5	41.6	44.1	45.3	46.3	46.6	47.1	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5
34.9	43.1	45.9	47.2	48.3	48.6	49.1	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5
34.2	43.3	46.1	47.4	48.5	48.8	49.3	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7
34.5	43.8	46.5	48.0	49.1	49.4	49.8	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
35.5	46.1	47.9	49.3	50.4	50.8	51.3	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8
39.6	50.4	53.1	54.7	55.8	56.3	56.9	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3
42.5	53.7	56.4	58.1	59.3	60.0	60.5	60.8	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1
44.6	56.4	59.3	60.9	62.2	62.8	63.4	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
45.7	57.5	60.4	62.0	63.3	63.9	64.5	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
47.3	59.7	62.6	64.5	65.7	66.3	66.9	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
49.5	62.7	65.7	67.5	68.8	69.4	70.0	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
55.5	66.2	71.3	73.3	74.5	75.1	75.7	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
57.4	71.2	74.3	76.3	77.6	78.2	78.8	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
59.4	73.7	77.0	79.3	80.6	81.4	82.0	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
62.3	77.7	81.4	83.8	85.7	86.5	87.1	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
62.5	78.2	82.2	85.0	87.0	87.9	88.7	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
62.7	78.9	82.8	85.7	87.9	88.8	89.7	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
63.2	79.5	83.5	86.9	89.4	90.3	91.2	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
63.5	80.6	84.8	88.7	91.5	92.4	93.5	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
63.6	81.0	85.4	89.9	93.0	94.1	95.4	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
63.7	81.1	85.5	90.1	93.4	94.6	95.9	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
63.7	81.5	86.0	90.6	94.1	95.4	96.9	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
63.7	81.0	86.1	91.1	94.6	96.1	97.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
63.7	81.5	86.1	91.1	94.6	96.4	97.9	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
63.7	81.5	86.1	91.1	94.6	96.4	97.9	99.1	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7
63.7	81.5	86.1	91.1	94.6	96.4	97.9	99.1	99.3	99.4	99.7	99.7	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 979

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK | 73-82 | MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

16.3	20.1	21.4	21.9	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
30.9	35.6	36.1	36.5	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
31.1	35.8	36.3	36.7	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
31.3	35.9	36.4	36.8	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
32.3	37.2	37.6	38.1	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
33.6	39.0	39.4	40.0	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
36.4	42.7	43.3	43.9	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
37.3	44.3	44.5	45.2	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
37.4	44.1	44.9	45.5	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
37.8	44.8	45.5	46.2	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
35.6	47.5	48.3	49.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
46.4	55.8	56.7	57.6	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
52.6	62.6	63.5	64.7	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
56.4	66.9	67.7	69.0	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
56.6	69.2	70.7	71.4	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
61.3	71.9	73.1	74.3	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
65.5	76.7	78.1	79.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
69.2	81.3	82.6	84.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
71.7	84.5	86.2	87.6	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
73.1	86.4	87.9	89.4	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
73.7	87.5	89.3	91.0	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
73.9	88.2	90.0	92.1	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
73.9	88.3	90.3	92.4	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
74.2	88.8	90.8	93.3	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
74.4	89.4	91.5	94.0	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
74.6	90.1	92.2	94.9	97.7	97.9	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
74.6	90.1	92.3	95.0	97.8	98.0	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
74.6	90.1	92.3	95.1	97.9	98.2	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
74.6	90.1	92.3	95.1	98.0	98.3	98.5	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
74.6	90.1	92.3	95.1	98.0	98.3	98.8	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
74.6	90.1	92.3	95.1	98.0	98.3	98.8	99.2	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
74.6	90.1	92.3	95.1	98.0	98.3	98.8	99.2	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

21.4	24.9	25.2	25.7	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
37.0	41.6	42.2	42.8	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
37.4	42.0	42.5	43.2	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
37.4	42.0	42.5	43.2	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
39.1	44.0	44.6	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
40.5	45.7	46.2	46.9	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
43.2	48.6	49.2	49.8	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
43.8	49.4	49.9	50.6	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
43.3	49.6	50.3	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
44.7	50.8	51.5	52.2	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
47.3	53.9	54.5	55.4	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
54.9	62.7	63.5	64.8	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
61.4	70.5	71.3	72.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
63.6	73.1	74.0	75.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
65.2	74.8	75.6	77.2	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
67.1	76.8	77.7	79.2	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
69.7	80.2	81.3	82.8	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
73.1	83.8	85.1	86.8	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
73.9	84.7	86.0	87.7	89.4	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
75.3	86.2	87.7	89.3	91.1	91.1	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
76.5	88.1	89.7	91.6	93.6	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
76.6	88.9	90.5	92.5	94.5	94.5	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
76.6	88.9	90.8	92.9	95.1	95.1	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
76.7	89.3	91.3	93.3	95.6	95.6	95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
76.8	89.9	92.7	94.1	96.7	96.7	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
77.2	90.6	92.7	94.8	97.4	97.7	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
77.2	90.6	92.7	94.9	97.6	97.9	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
77.2	90.9	93.2	95.4	98.1	98.5	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
77.2	90.9	93.2	95.4	98.5	98.8	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
77.2	90.9	93.2	95.5	98.6	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.2	90.9	93.2	95.5	98.6	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.2	90.9	93.2	95.5	98.6	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-1900

29.7	30.2	31.0	31.5	31.7	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
40.3	47.0	48.2	48.6	48.8	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
40.5	47.4	48.6	49.1	49.3	49.5	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
40.5	47.4	48.6	49.1	49.3	49.5	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
41.5	48.4	49.6	50.1	50.3	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
42.4	49.6	50.6	51.3	51.5	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
43.0	51.6	52.8	53.3	53.5	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
44.9	53.2	54.5	54.9	55.1	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
44.9	53.2	54.5	54.9	55.3	55.5	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
45.4	53.9	55.3	55.9	56.4	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
48.4	57.7	59.1	59.8	60.2	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
53.6	64.5	66.1	67.1	67.7	67.9	67.9	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
55.0	67.7	69.4	70.5	71.1	71.3	71.3	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
57.7	69.8	71.5	72.8	73.3	73.5	73.5	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
59.2	71.5	73.3	74.5	75.1	75.3	75.3	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
61.9	74.4	76.5	77.9	78.4	78.6	78.7	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
64.8	77.5	79.5	81.0	81.7	81.9	82.1	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
67.4	80.4	82.7	84.3	85.3	85.7	85.8	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
68.1	81.3	83.7	85.3	86.3	86.7	86.8	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
69.1	82.3	84.8	86.4	87.4	87.8	87.9	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
70.0	83.8	86.6	88.4	89.4	89.8	89.9	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
70.5	85.2	88.2	90.0	91.1	91.6	91.7	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
70.7	85.3	88.3	90.1	91.4	91.8	91.9	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
70.9	85.8	88.9	90.8	92.1	92.6	92.7	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
71.0	86.5	89.7	91.7	93.5	93.9	94.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
71.2	86.9	90.1	92.1	94.1	94.6	94.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
71.2	87.2	90.4	92.5	94.5	94.9	95.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
71.2	87.5	90.8	92.9	95.0	95.6	96.0	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
71.2	87.7	91.0	93.4	95.7	96.3	96.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
71.2	87.7	91.0	93.4	96.1	96.8	97.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
71.2	87.7	91.0	93.4	96.3	97.1	97.7	98.9	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
71.2	87.7	91.0	93.4	96.3	97.1	97.7	98.9	99.2	99.4	99.6	99.7	99.7	99.8	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 903

☐ USAFETAC [illegible] ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-80 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1100-2300

35.2	37.9	39.9	42.0	42.7	43.0	43.5	44.0	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.3
35.6	47.6	50.1	52.4	53.1	53.4	53.8	54.4	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.8
35.6	47.6	50.1	52.4	53.1	53.4	53.8	54.4	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.8
35.6	47.6	50.1	52.4	53.1	53.4	53.8	54.4	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.8
35.7	48.0	50.5	52.8	53.5	53.8	54.2	54.8	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.2
36.8	49.1	51.6	53.9	54.6	55.0	55.4	56.0	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.4
37.7	51.0	53.6	56.0	56.8	57.3	57.7	58.3	58.5	58.5	58.5	58.5	58.5	58.6	58.6	56.7
38.3	52.4	55.1	57.6	58.6	59.2	59.6	60.1	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.6
38.3	52.4	55.1	57.6	58.6	59.2	59.6	60.1	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.6
38.3	52.5	55.2	57.7	58.7	59.3	59.7	60.2	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.7
39.5	53.7	56.8	59.6	60.6	61.1	61.5	62.2	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.6
41.5	57.7	61.1	64.6	65.6	66.2	66.8	67.6	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.2
42.7	60.0	63.7	67.3	68.5	69.2	69.7	70.6	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.1
43.9	61.7	65.4	69.0	70.2	70.8	71.4	72.2	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.8
44.7	63.1	66.9	70.6	71.8	72.4	73.0	73.9	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.4
46.4	66.0	70.2	74.0	75.2	75.8	76.4	77.2	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.8
47.8	68.6	73.1	77.0	78.2	78.9	79.4	80.3	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.8
48.6	70.7	75.2	79.4	80.6	81.3	81.8	82.9	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.4
49.0	71.7	76.4	80.7	81.9	82.6	83.1	84.3	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.9
49.9	73.4	79.1	82.5	83.7	84.3	84.9	86.2	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.7
50.8	74.6	79.5	84.0	85.3	86.2	86.7	88.1	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.7
51.2	75.2	80.2	84.9	86.3	87.1	87.7	89.1	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.7
51.2	75.3	80.7	85.5	86.9	87.8	88.3	89.9	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.4
51.4	75.9	81.4	86.5	87.9	88.8	89.4	91.1	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.6
51.7	76.8	82.6	88.0	89.4	90.3	91.0	92.7	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.2
51.9	77.1	83.0	88.6	90.0	90.8	91.6	93.6	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.3
51.9	77.3	83.7	89.5	91.1	92.0	92.8	95.0	95.4	95.5	95.5	95.5	95.5	95.6	95.6	95.8
51.9	77.7	84.1	90.0	91.7	92.7	93.5	95.8	96.3	96.4	96.4	96.4	96.4	96.5	96.5	96.6
51.9	77.9	84.4	90.5	92.5	93.5	94.3	96.7	97.3	97.4	97.4	97.4	97.4	97.5	97.5	97.6
51.9	77.9	84.6	90.7	92.9	93.9	94.8	97.3	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.3
51.9	78.0	84.7	90.8	93.1	94.2	95.1	97.9	98.6	98.8	98.8	98.8	98.8	98.9	98.9	99.0
51.9	78.0	84.7	90.8	93.1	94.2	95.1	97.9	98.7	99.0	99.0	99.0	99.2	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 918

USAF ETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

25.1	26.5	28.1	29.7	30.6	31.0	31.4	31.9	32.0	32.2	32.2	32.2	32.4	32.6	32.7	33.	
29.7	38.4	40.2	42.3	43.4	43.9	44.4	44.9	45.1	45.3	45.3	45.4	45.5	45.8	45.9	46.0	
29.8	38.6	40.4	42.4	43.5	44.0	44.5	45.1	45.2	45.4	45.5	45.5	45.7	45.9	46.0	46.4	
29.9	38.6	40.4	42.5	43.6	44.1	44.6	45.2	45.3	45.5	45.6	45.6	45.8	46.0	46.1	46.4	
30.6	39.6	41.4	43.5	44.6	45.1	45.6	46.2	46.3	46.5	46.6	46.6	46.8	47.0	47.1	47.4	
31.5	40.9	42.8	45.0	46.1	46.6	47.1	47.8	47.9	48.1	48.2	48.2	48.4	48.6	48.7	49.1	
33.0	43.1	45.2	47.4	48.6	49.2	49.8	50.5	50.6	50.8	50.9	50.9	51.1	51.3	51.4	51.8	
33.8	44.4	46.5	48.9	50.1	50.8	51.4	52.1	52.3	52.5	52.6	52.6	52.8	53.0	53.1	53.4	
33.9	44.5	46.7	49.1	50.4	51.1	51.7	52.4	52.6	52.8	52.9	52.9	53.1	53.3	53.4	53.7	
34.2	45.1	47.2	49.6	51.0	51.7	52.3	53.0	53.2	53.4	53.5	53.5	53.7	53.9	54.0	54.3	
35.5	46.9	49.2	51.7	53.2	53.9	54.6	55.3	55.5	55.8	55.8	55.6	56.0	56.2	56.4	56.7	
39.4	52.3	54.8	57.6	59.2	60.0	60.7	61.6	61.9	62.1	62.2	62.2	62.4	62.6	62.7	63.1	
42.3	55.9	58.5	61.4	63.2	64.0	64.8	65.7	66.0	66.3	66.3	66.3	66.5	66.7	66.9	67.2	
44.0	58.0	60.6	63.6	65.4	66.2	67.0	68.0	68.3	68.5	68.6	68.6	68.8	69.0	69.1	69.5	
45.1	59.3	62.0	65.0	66.8	67.7	68.5	69.5	69.8	70.0	70.1	70.1	70.3	70.5	70.7	71.0	
46.9	61.6	64.4	67.5	69.4	70.2	71.0	72.0	72.3	72.6	72.6	72.7	72.8	73.1	73.2	73.6	
48.8	64.1	67.1	70.3	72.2	73.1	73.9	74.9	75.2	75.5	75.5	75.5	75.7	76.0	76.1	76.5	
51.2	67.3	70.4	73.7	75.7	76.6	77.5	78.5	78.8	79.1	79.1	79.2	79.3	79.6	79.7	80.1	
52.3	68.8	71.9	75.3	77.3	78.3	79.1	80.3	80.6	80.8	80.9	80.9	81.1	81.4	81.5	81.8	
53.5	70.4	73.7	77.2	79.3	80.3	81.2	82.4	82.6	82.9	83.0	83.0	83.2	83.5	83.6	83.9	
54.3	72.8	76.3	80.0	82.2	83.2	84.1	85.3	85.7	85.9	86.0	86.0	86.2	86.5	86.5	87.0	
55.2	73.7	77.3	81.3	83.6	84.7	85.6	86.9	87.2	87.4	87.5	87.6	87.8	88.0	88.2	88.5	
55.3	74.1	77.9	81.9	84.3	85.4	86.4	87.7	88.0	88.2	88.3	88.4	88.6	88.8	89.0	89.3	
55.6	74.8	78.7	82.9	85.5	86.6	87.6	88.9	89.3	89.5	89.6	89.7	89.9	90.1	90.3	90.6	
55.8	75.7	79.7	84.2	87.0	88.2	89.3	90.6	91.0	91.3	91.4	91.4	91.6	91.9	92.0	92.4	
56.0	76.3	80.4	85.2	88.1	89.4	90.6	92.1	92.5	92.8	92.9	93.0	93.2	93.4	93.5	93.9	
55.2	76.6	80.8	85.7	88.8	90.1	91.4	92.9	93.4	93.7	93.8	93.8	94.0	94.3	94.4	94.8	
56.2	77.0	81.4	86.4	89.7	91.2	92.5	94.2	94.7	95.0	95.1	95.2	95.4	95.6	95.8	96.1	
56.2	77.2	81.6	86.8	90.3	91.9	93.2	95.1	95.6	96.0	96.1	96.2	96.4	96.6	96.8	97.1	
56.2	77.2	81.7	87.0	90.6	92.2	93.7	95.6	96.3	96.6	96.8	96.9	97.1	97.4	97.5	97.9	
56.2	77.2	81.8	87.1	90.8	92.5	94.0	96.1	96.8	97.3	97.6	97.7	97.9	98.2	98.4	98.8	
56.2	77.2	81.8	87.1	90.8	92.5	94.0	96.1	96.9	97.5	97.8	97.9	98.2	98.8	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 7283

USAFETAC [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

5146 DOGCOMBE DOWN UK 73-80 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-1200

24.0	33.5	36.7	39.0	40.4	41.4	41.5	42.4	42.8	43.1	43.3	43.5	43.7	43.8	43.9	44.0	
28.6	40.1	43.7	47.0	48.6	49.9	50.0	51.3	51.6	51.9	52.2	52.4	52.6	53.0	53.1	53.2	
28.6	40.1	43.7	47.0	48.6	49.9	50.0	51.3	51.6	51.9	52.2	52.4	52.6	53.0	53.1	53.2	
28.6	40.1	43.7	47.0	48.6	49.9	50.0	51.3	51.6	51.9	52.2	52.4	52.6	53.0	53.1	53.2	
28.7	40.3	43.8	47.1	48.7	50.0	50.1	51.4	51.7	52.1	52.3	52.5	52.8	53.1	53.2	53.3	
28.9	40.9	44.6	47.9	49.5	50.8	50.9	52.2	52.5	52.9	53.1	53.3	53.6	53.9	54.0	54.1	
30.5	43.0	46.8	50.1	51.9	53.2	53.3	54.6	54.9	55.3	55.5	55.7	56.0	56.3	56.4	56.5	
31.0	43.7	47.5	51.0	52.9	54.1	54.2	55.5	56.0	56.3	56.5	56.8	57.0	57.3	57.5	57.6	
31.6	44.7	48.5	52.2	54.0	55.4	55.5	56.8	57.2	57.6	57.8	58.0	58.3	58.6	58.7	58.8	
32.2	45.2	49.3	52.6	54.5	55.8	56.1	57.3	57.8	58.1	58.4	58.6	58.8	59.2	59.3	59.4	
33.4	46.8	51.7	54.4	56.2	57.6	57.8	59.1	59.5	59.9	60.1	60.3	60.6	60.9	61.0	61.1	
35.4	50.0	53.9	58.0	60.1	61.5	61.7	63.0	63.4	63.8	64.0	64.2	64.4	64.8	64.9	65.0	
36.7	51.5	55.6	59.7	61.8	63.3	63.5	64.8	65.3	65.6	65.8	66.1	66.3	66.6	66.7	66.9	
37.6	53.0	57.1	61.2	63.3	64.8	65.0	66.4	66.9	67.2	67.4	67.7	67.9	68.2	68.3	68.5	
38.4	54.0	58.1	62.3	64.3	65.8	66.1	67.4	67.9	68.2	68.5	68.7	68.9	69.3	69.4	69.5	
40.6	57.1	61.5	65.8	67.9	69.4	69.6	71.0	71.4	71.8	72.0	72.2	72.5	72.8	72.9	73.1	
41.7	59.4	63.1	67.8	70.1	71.6	71.8	73.3	73.7	74.1	74.3	74.5	74.8	75.1	75.2	75.3	
42.0	60.0	64.9	69.8	72.1	73.7	74.0	75.6	76.0	76.4	76.6	76.8	77.2	77.5	77.6	77.8	
42.5	60.8	65.5	70.8	73.2	74.8	75.1	76.7	77.2	77.5	77.8	78.0	78.3	78.7	78.8	78.9	
43.0	61.8	66.9	72.0	74.5	76.1	76.5	78.1	78.6	78.9	79.1	79.4	79.7	80.0	80.2	80.3	
44.0	63.6	68.7	73.9	76.4	78.0	78.4	80.3	80.7	81.1	81.3	81.7	82.0	82.3	82.5	82.6	
45.2	64.9	70.1	75.3	77.9	79.7	80.3	82.1	82.6	82.9	83.1	83.5	83.8	84.2	84.3	84.4	
45.6	65.6	70.9	76.3	78.8	80.6	81.3	83.1	83.6	83.9	84.2	84.5	84.9	85.2	85.3	85.4	
45.8	65.9	71.4	76.9	79.7	81.5	82.2	84.1	84.5	84.9	85.1	85.4	85.8	86.1	86.2	86.4	
46.3	66.7	72.4	78.0	80.8	82.7	83.5	85.6	86.0	86.4	86.6	86.9	87.3	87.6	87.7	87.8	
46.7	67.8	73.4	79.0	81.9	83.8	84.6	86.7	87.2	87.5	87.7	88.1	88.4	88.8	88.9	89.0	
46.7	68.0	73.6	79.6	82.6	84.9	85.8	88.0	88.4	88.9	89.1	89.4	89.8	90.1	90.3	90.4	
46.7	68.0	73.6	80.0	83.9	86.7	87.6	89.9	90.4	90.8	91.1	91.4	91.7	92.1	92.2	92.3	
46.7	68.1	73.9	80.4	84.3	87.0	88.1	90.6	91.3	92.0	92.2	92.5	93.0	93.3	93.5	93.6	
46.7	68.5	74.2	80.8	85.2	88.1	89.2	91.9	92.5	93.2	93.5	93.8	94.3	94.7	94.8	95.0	
46.7	68.5	74.4	81.3	85.7	88.9	90.5	93.5	94.3	95.2	95.6	96.0	96.4	97.2	97.5	98.4	
46.7	68.5	74.4	81.3	85.7	88.9	90.5	93.7	94.5	95.5	96.1	96.4	97.0	98.4	98.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 672

USAF ETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BOOOOMBE DOWN UK 73-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]-1970

18.2	23.0	26.1	28.6	30.7	31.8	32.3	33.5	34.1	34.4	34.4	34.9	35.2	35.5	36.0	36.9
20.9	30.4	33.4	37.3	39.7	40.9	41.9	43.4	44.1	44.6	44.9	45.4	45.7	46.4	46.6	47.6
20.9	30.4	33.5	37.3	39.7	40.9	41.9	43.4	44.1	44.6	44.9	45.4	45.7	46.4	46.6	47.8
20.9	30.4	33.6	37.3	39.7	40.9	41.9	43.4	44.1	44.6	44.9	45.4	45.7	46.4	46.6	47.8
21.1	30.7	34.2	37.6	40.0	41.3	42.3	43.8	44.5	44.9	45.3	45.7	46.1	46.7	47.0	48.1
21.4	31.2	34.7	38.2	40.6	41.8	43.0	44.5	45.1	45.6	45.9	46.4	46.7	47.5	47.8	48.9
22.6	32.9	36.5	39.9	42.4	43.8	45.0	46.6	47.3	47.8	48.1	48.7	49.0	49.8	50.1	51.2
22.9	33.5	37.0	40.5	43.1	44.5	45.7	47.5	48.2	48.7	49.0	49.6	49.9	50.7	51.0	52.1
23.1	33.5	37.4	40.8	43.4	44.8	46.1	47.9	48.6	49.0	49.4	49.9	50.3	51.1	51.3	52.5
23.3	34.1	37.6	41.0	43.7	46.0	46.3	48.1	48.8	49.3	49.6	50.2	50.5	51.3	51.5	52.7
24.3	35.7	39.2	42.7	45.4	46.9	48.1	50.1	50.7	51.2	51.5	52.1	52.5	53.3	53.5	54.6
26.7	38.9	42.5	46.3	49.0	51.0	52.2	54.3	55.0	55.4	55.8	56.3	56.7	57.5	57.7	58.9
28.3	40.0	44.1	48.0	50.7	52.7	53.9	56.1	56.7	57.1	57.5	58.1	58.4	59.2	59.4	60.7
29.5	42.1	45.7	49.6	52.3	54.3	55.5	57.6	58.4	58.9	59.2	59.8	61.1	60.9	61.1	62.4
30.4	43.1	46.9	50.7	53.5	55.4	56.7	58.7	59.5	60.0	60.3	60.9	61.4	62.2	62.4	63.7
32.0	45.4	49.5	53.8	56.9	59.3	60.7	62.7	63.5	64.0	64.3	64.9	65.4	66.2	66.4	67.7
33.4	47.3	51.7	56.1	59.3	61.7	63.1	65.1	65.9	66.4	66.7	67.3	67.8	68.6	68.8	70.1
34.3	49.7	54.1	58.7	62.1	64.5	65.8	67.9	68.7	69.1	69.5	70.1	70.5	71.3	71.5	72.8
34.6	50.4	55.1	59.8	63.2	65.6	67.0	69.0	69.8	70.3	70.6	71.2	71.7	72.5	72.7	73.9
35.2	51.7	56.9	61.6	65.0	67.4	68.8	70.9	71.7	72.1	72.5	73.0	73.5	74.3	74.5	75.8
36.1	53.3	58.5	63.5	67.1	69.5	71.0	73.0	73.8	74.3	74.6	75.2	75.7	76.5	76.7	77.9
36.9	54.6	60.1	65.3	68.8	71.3	72.9	75.0	75.8	76.2	76.6	77.1	77.6	78.4	78.6	79.9
37.1	55.3	60.8	65.9	69.5	72.0	73.6	75.7	76.5	76.9	77.3	77.8	78.3	79.1	79.3	80.6
37.3	55.5	61.4	66.6	70.3	72.8	74.4	76.5	77.3	77.7	78.1	78.6	79.1	79.9	80.1	81.4
37.7	56.1	61.9	67.4	71.3	73.9	75.7	77.7	78.6	79.1	79.4	80.0	80.5	81.3	81.5	82.7
37.9	56.9	62.9	68.9	72.8	75.4	77.4	79.4	80.5	80.9	81.3	81.8	82.3	83.1	83.3	84.6
38.2	57.1	63.2	69.5	73.9	76.7	78.7	80.9	82.1	82.5	82.9	83.4	83.9	84.7	84.9	86.2
38.3	57.3	63.3	70.1	75.2	77.9	80.0	82.5	83.8	84.2	84.6	85.1	85.6	86.4	86.6	87.9
38.3	57.4	63.4	70.2	76.0	78.9	81.3	84.3	85.6	86.1	86.4	87.0	87.4	88.2	88.5	89.7
38.3	57.4	63.4	70.3	76.6	79.7	82.4	85.5	87.0	87.8	88.2	88.8	89.3	90.1	90.3	91.5
38.3	57.4	63.4	70.7	77.4	80.5	83.2	87.2	89.1	90.5	91.3	92.0	92.5	93.7	94.1	95.9
38.3	57.4	63.4	70.7	77.4	80.6	83.4	87.7	89.6	91.3	92.6	93.6	94.3	96.3	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 875

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (1600-2000)
FROM HOURLY OBSERVATIONS

15.7	22.4	24.7	26.4	27.6	27.9	28.2	29.0	29.5	29.6	29.8	29.8	30.2	30.7	30.7	30.7	
21.9	31.0	32.7	36.1	38.0	38.5	39.2	40.1	40.6	40.8	41.0	41.0	41.5	41.6	41.6	41.6	
22.1	31.3	33.1	36.4	38.4	38.8	39.5	40.4	40.9	41.1	41.4	41.4	41.8	41.9	41.9	41.9	
22.1	31.3	33.1	36.4	38.4	38.8	39.5	40.4	40.9	41.1	41.4	41.4	41.8	41.9	41.9	41.9	
22.4	32.4	34.1	37.4	39.4	39.9	40.6	41.5	41.9	42.2	42.4	42.4	42.9	43.1	43.2	43.2	
23.3	33.6	35.6	38.9	41.9	41.4	42.1	43.2	43.7	43.9	44.1	44.1	44.6	44.7	44.7	44.7	
24.8	35.3	37.2	40.7	42.7	43.2	44.7	45.2	45.6	45.9	46.1	46.1	46.5	46.7	46.7	46.7	
25.0	36.8	38.7	42.4	44.7	45.5	46.3	47.5	47.9	48.2	48.4	48.4	48.8	49.0	49.2	49.3	
25.6	37.0	39.9	42.7	45.0	45.9	46.7	47.8	48.3	48.5	48.7	48.7	49.2	49.3	49.3	49.3	
26.9	37.3	39.3	43.1	45.5	46.3	47.1	48.3	48.7	49.0	49.2	49.2	49.7	49.8	49.8	49.8	
27.3	39.2	41.4	45.2	47.6	48.4	49.2	50.3	50.8	51.2	51.4	51.4	51.8	52.0	52.0	52.0	
29.1	41.2	43.4	47.2	49.8	50.7	51.6	52.8	53.2	53.6	53.9	54.0	54.6	54.8	54.8	54.6	
30.4	43.0	45.2	49.1	51.6	52.5	53.5	54.6	55.1	55.4	55.8	55.9	56.5	56.8	56.8	56.8	
31.0	44.2	46.7	50.7	53.5	54.4	55.5	56.7	57.1	57.5	57.8	57.9	58.6	59.0	59.0	59.0	
32.0	44.9	47.4	51.5	54.3	55.3	56.6	57.7	58.2	58.5	58.9	59.0	59.7	60.0	60.0	60.0	
34.9	48.5	51.2	55.4	58.2	59.2	60.5	61.0	62.1	62.4	62.8	62.9	63.6	63.9	63.9	63.9	
36.1	49.9	52.6	57.0	59.9	60.9	62.2	63.4	63.8	64.2	64.5	64.6	65.3	65.7	65.7	65.7	
37.2	51.8	54.6	59.1	62.1	63.2	64.5	65.7	66.1	66.5	66.8	66.9	67.6	68.0	68.0	68.0	
38.0	52.8	55.5	60.5	63.5	64.7	66.0	67.2	67.6	68.0	68.3	68.4	69.1	69.5	69.5	69.5	
39.9	55.5	58.3	63.2	66.2	67.5	68.8	69.9	70.4	70.7	71.2	71.3	72.0	72.4	72.4	72.4	
42.2	58.9	61.6	66.9	71.2	71.5	72.8	74.2	74.8	75.1	75.6	75.7	76.4	76.7	76.7	76.7	
43.2	60.6	63.9	69.6	72.8	74.2	75.5	77.0	77.5	77.9	78.3	78.5	79.1	79.5	79.5	79.5	
43.5	62.0	65.1	70.9	74.1	75.6	76.8	78.3	78.9	79.3	79.7	79.8	80.5	80.9	80.9	80.9	
44.5	63.4	66.6	72.5	75.8	77.3	78.6	80.2	80.8	81.1	81.6	81.7	82.4	82.7	82.7	82.7	
45.4	64.6	67.9	73.8	77.3	78.8	80.2	81.8	82.4	82.7	83.2	83.3	84.0	84.3	84.3	84.3	
45.7	65.9	69.6	76.0	79.6	81.1	82.5	84.1	84.7	85.0	85.5	85.6	86.3	86.6	86.6	86.6	
46.0	66.2	70.0	76.6	80.4	81.9	83.4	85.0	85.6	85.9	86.4	86.5	87.2	87.6	87.6	87.6	
46.3	66.6	70.9	77.5	82.0	83.8	85.5	87.3	87.9	88.2	88.7	88.8	89.5	89.9	89.9	89.9	
46.3	66.7	71.2	78.5	83.8	85.7	87.7	90.1	90.7	91.0	91.5	91.6	92.3	92.6	92.6	92.6	
46.3	66.8	71.4	79.4	85.3	87.3	89.5	92.6	93.5	93.9	94.4	94.6	95.3	95.6	95.6	95.6	
46.3	66.8	71.4	79.5	85.4	87.9	90.1	93.9	94.8	96.1	96.8	97.0	97.7	98.4	98.4	98.5	
46.3	66.8	71.4	79.5	85.4	87.9	90.1	94.0	94.9	96.4	97.2	97.5	98.3	99.3	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 868

GLOBAL CLIMATOLOGY BRANCH
USAF TAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] JOHNSTONE DOWN UK 73-[illegible] JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

19.7	26.0	27.1	28.1	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
27.9	35.9	37.6	38.8	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.5
27.9	35.9	37.6	38.8	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.5
27.9	35.9	37.6	38.8	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.5
28.3	38.4	38.3	39.4	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1
31.5	38.9	40.6	41.9	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6
32.7	41.8	43.9	45.4	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.1
33.3	42.5	44.5	46.2	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.0
33.4	42.7	44.7	46.4	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2
33.8	43.1	45.0	46.8	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6
35.1	44.5	46.4	48.2	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	49.0
38.9	48.7	50.7	52.5	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3
42.3	52.4	54.4	56.2	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0
44.5	55.1	57.1	59.1	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9
46.3	56.9	59.0	60.9	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.8
48.8	59.6	61.6	63.8	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6
52.4	63.4	65.6	68.0	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8
57.7	69.0	71.3	73.7	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5
59.4	71.2	73.5	75.9	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7
61.6	74.8	77.1	79.6	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4
64.6	79.3	81.8	84.4	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6
65.9	82.3	84.9	87.9	88.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4
66.1	82.8	85.6	88.7	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3
66.2	83.2	85.9	89.4	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1
66.7	84.1	87.0	90.7	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9
67.2	85.5	88.7	92.4	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7
67.2	85.5	88.8	92.9	94.7	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.9
67.2	85.9	89.5	93.5	95.7	96.4	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
67.2	86.4	90.0	94.7	97.1	97.9	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0
67.2	86.4	90.0	94.7	97.2	98.2	98.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
67.2	86.4	90.0	94.7	97.2	98.2	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
67.2	86.4	90.0	94.7	97.2	98.2	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 568

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] 73-82 JUN

PERCENTAGE FREQUENCY OF CEILING AND VISIBILITY
FROM HOURLY OBSERVATIONS

22.5	27.1	27.3	27.3	27.3	27.3	27.3	27.3	27.7	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
33.0	38.1	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
33.1	38.2	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
33.1	38.2	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
33.6	39.0	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
35.5	40.9	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
37.7	43.5	44.3	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
38.2	44.5	45.2	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
38.2	44.6	45.4	45.5	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
38.6	45.5	46.3	46.5	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
47.6	47.7	48.6	48.7	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
46.2	55.4	56.3	56.8	56.9	57.0	57.0	[illegible]	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
53.7	62.7	63.7	64.2	64.3	64.4	64.	[illegible]	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
58.3	68.1	69.2	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
61.0	71.1	72.2	73.1	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
64.2	74.5	75.6	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
67.7	78.6	79.6	80.5	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
70.7	82.2	83.4	84.5	84.7	84.8	84.8	84.8	84.9	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
72.1	83.9	85.3	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
73.6	86.2	87.6	88.9	89.2	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
75.1	88.6	91.3	91.5	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
75.4	89.6	91.2	92.6	93.4	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
75.6	90.0	91.7	93.0	93.9	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
75.7	90.3	92.0	93.5	94.3	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
75.9	91.0	92.7	94.3	95.2	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
76.0	91.4	93.2	94.6	95.9	96.6	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
76.2	92.2	94.0	95.6	96.9	97.6	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
76.4	92.4	94.1	95.8	97.2	98.1	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
76.5	92.6	94.3	96.2	97.7	98.6	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
76.5	92.6	94.3	96.2	97.7	98.6	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
76.5	92.6	94.3	96.2	97.7	98.6	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
76.5	92.6	94.3	96.2	97.7	98.6	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 667

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

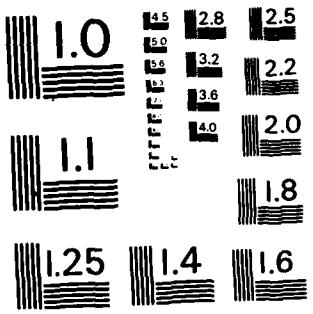
[illegible] SOUTHWEST SOUTH CHINA SEA 73-92 JUN 1200-1700

25.3	28.8	29.1	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
37.1	42.2	42.5	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
37.1	42.2	42.5	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.
37.1	42.2	42.5	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
37.7	42.5	43.2	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
39.3	44.6	44.9	45.5	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
42.6	48.5	49.3	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
43.8	50.1	50.5	51.1	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
43.8	50.2	50.6	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
44.6	51.0	51.4	52.0	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
49.3	55.2	55.8	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
56.9	64.8	65.5	66.1	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
62.2	70.8	71.5	72.2	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
65.2	74.9	75.7	76.4	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
66.3	76.1	76.9	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.
69.3	79.5	80.4	81.1	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
71.7	82.7	83.7	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
74.6	86.3	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
75.7	87.7	89.5	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
77.1	89.5	91.2	92.1	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
77.8	91.3	93.1	94.2	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
77.9	91.5	93.5	94.6	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
78.1	92.2	94.0	95.1	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
78.4	92.4	94.4	95.4	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.	96.7	96.7	96.7	96.7
78.4	92.7	94.6	95.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
78.5	92.8	94.8	96.1	97.1	97.7	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
78.5	92.8	94.9	96.1	97.3	97.9	98.1	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
78.5	92.9	95.0	96.3	97.6	98.4	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
78.5	92.9	95.0	96.4	97.7	98.6	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
78.5	92.9	95.0	96.6	97.8	98.9	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
78.5	92.9	95.0	96.6	97.8	98.9	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
78.5	92.9	95.0	96.6	97.8	98.9	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

AD-A128 120 BOSCOMBE DOWN UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHER O..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83 3/5

UNCLASSIFIED USAFETAC/DS-83/006 SBI-AD-E850 370 F/G 4/2 NL



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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

037460 BOSCOMBE DOWN UK 73-87 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

29.8	34.3	34.7	34.8	35.1	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
42.3	49.1	49.7	49.8	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
42.3	49.1	49.7	49.8	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
42.4	49.3	49.8	49.9	50.3	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
42.8	49.6	50.2	50.3	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
43.8	50.9	51.4	51.5	52.2	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
45.8	53.6	54.2	54.4	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
46.9	55.0	55.5	55.8	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
47.5	55.8	56.3	56.6	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
47.9	56.3	56.9	57.1	57.9	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
50.9	59.5	60.1	60.3	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
56.3	65.8	66.8	67.3	68.2	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
60.1	69.8	71.3	71.8	72.7	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
62.3	72.3	74.0	74.7	75.6	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
64.3	74.3	76.2	77.0	77.9	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
67.0	77.8	79.8	80.6	81.5	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
68.6	80.4	82.7	83.7	84.5	84.9	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
70.5	82.8	85.4	86.3	87.2	87.7	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
71.3	83.8	86.4	87.3	88.3	88.7	88.8	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
72.5	85.4	88.3	89.1	90.0	90.4	90.5	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
73.4	86.9	89.7	90.8	91.7	92.1	92.2	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
73.8	87.8	90.8	91.9	92.8	93.4	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
73.9	88.0	91.0	92.1	93.0	93.6	93.7	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
74.3	88.6	91.6	92.7	93.6	94.2	94.3	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
74.5	88.9	91.9	93.0	94.0	94.6	94.8	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
74.5	89.2	92.1	93.5	94.4	95.1	95.2	95.7	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.0
74.5	89.5	92.5	94.0	95.0	95.7	95.8	96.2	96.2	96.4	96.5	96.6	96.6	96.6	96.6	96.6
74.5	89.7	92.8	94.5	96.0	96.8	96.9	97.7	97.7	97.8	97.9	98.1	98.1	98.1	98.1	98.1
74.5	89.7	92.8	94.6	96.2	97.3	97.4	98.5	98.7	98.9	99.0	99.2	99.2	99.2	99.2	99.2
74.5	89.7	92.8	94.6	96.4	97.5	97.7	99.0	99.2	99.3	99.4	99.7	99.7	99.7	99.7	99.7
74.5	89.7	92.8	94.6	96.4	97.5	97.7	99.2	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0
74.5	89.7	92.8	94.6	96.4	97.5	97.7	99.2	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 877

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

037860 BOSCOMBE DOWN UK 73-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

28.2	38.3	41.1	42.3	42.7	42.8	42.9	42.9	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
35.0	47.7	51.0	52.9	53.3	53.6	53.8	54.0	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6
35.1	47.8	51.1	53.0	53.4	53.7	53.9	54.1	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7
35.1	47.8	51.1	53.0	53.4	53.7	53.9	54.1	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7
35.4	48.2	51.5	53.3	53.8	54.1	54.4	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.2
38.1	51.0	54.4	56.3	56.8	57.1	57.3	57.6	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1
39.2	52.4	56.1	58.5	58.9	59.5	59.7	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.6
39.9	53.6	57.5	60.0	60.4	61.0	61.2	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0
40.1	53.9	57.8	60.3	60.8	61.4	61.6	61.8	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4
40.4	54.2	58.1	60.7	61.1	61.8	62.0	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8
41.7	56.1	60.0	62.7	63.2	63.9	64.1	64.3	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9
45.4	60.8	64.9	68.2	69.2	70.0	70.2	70.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0
46.8	62.4	66.6	70.2	71.1	71.9	72.1	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.1
47.8	63.9	68.1	71.7	72.9	73.7	74.0	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
49.0	65.4	69.6	73.4	74.7	75.5	75.7	76.0	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7
51.9	69.2	73.4	77.4	78.7	79.5	79.7	80.2	80.7	80.8	80.8	80.8	80.8	80.8	80.8	81.0
52.8	70.4	74.9	79.1	80.5	81.3	81.7	82.1	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.9
53.9	72.7	77.3	81.7	83.3	84.1	84.4	84.9	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8
54.8	74.3	78.9	83.3	84.9	85.7	86.0	86.5	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4
55.8	75.8	80.4	84.9	86.5	87.4	87.7	88.2	88.9	89.0	89.0	89.0	89.0	89.1	89.1	89.2
56.7	76.9	81.7	86.1	88.0	88.9	89.2	89.7	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.7
56.8	77.4	82.1	86.6	88.4	89.3	89.7	90.1	90.8	90.9	90.9	90.9	90.9	91.1	91.1	91.2
57.1	77.9	82.6	87.2	89.2	90.1	90.5	90.9	91.6	91.7	91.7	91.7	91.7	91.9	91.9	92.0
57.1	78.0	83.0	87.6	89.7	90.7	91.1	91.5	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.5
57.3	78.7	83.7	88.5	90.6	91.6	92.0	92.5	93.2	93.3	93.3	93.5	93.5	93.6	93.6	93.7
57.3	78.7	83.7	88.6	90.9	92.0	92.3	92.9	93.6	93.7	93.7	93.8	93.8	93.9	93.9	94.0
57.3	78.7	83.7	88.8	91.4	92.5	92.9	93.6	94.3	94.4	94.4	94.5	94.5	94.6	94.6	94.7
57.3	78.7	83.9	89.1	92.0	93.2	93.6	94.4	95.1	95.2	95.2	95.3	95.3	95.4	95.4	95.5
57.3	78.8	84.1	89.4	92.9	94.2	94.5	95.4	96.1	96.2	96.2	96.3	96.3	96.4	96.4	96.6
57.3	78.9	84.2	89.6	93.1	94.7	95.3	96.4	97.2	97.5	97.6	97.7	97.7	97.8	97.8	97.9
57.3	78.9	84.3	89.7	93.2	94.8	95.8	97.1	98.1	98.5	98.6	98.9	99.1	99.2	99.2	99.3
57.3	78.9	84.3	89.7	93.2	94.8	95.8	97.4	98.3	98.9	99.0	99.2	99.5	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 872

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

037460 BOSCOMBE DOWN UK 73-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

22.7	29.2	30.7	32.0	32.7	33.1	33.2	33.6	33.8	33.9	34.0	34.1	34.2	34.3	34.3	34.5
30.8	39.3	41.2	42.9	43.9	44.3	44.6	45.0	45.3	45.4	45.5	45.6	45.7	45.9	45.9	46.1
30.9	39.4	41.3	43.0	43.9	44.4	44.6	45.1	45.4	45.5	45.6	45.7	45.8	46.0	46.0	46.2
30.9	39.4	41.3	43.1	44.0	44.4	44.7	45.2	45.4	45.5	45.6	45.7	45.9	46.0	46.0	46.2
31.3	39.9	41.8	43.6	44.5	45.0	45.3	45.8	46.0	46.1	46.2	46.3	46.4	46.6	46.6	46.8
32.6	41.5	43.5	45.2	46.2	46.6	46.9	47.4	47.7	47.8	47.9	48.0	48.1	48.3	48.3	48.5
34.5	43.9	45.9	47.8	48.9	49.4	49.7	50.2	50.4	50.6	50.7	50.8	50.9	51.1	51.1	51.3
35.2	44.9	47.1	49.0	50.1	50.7	51.0	51.5	51.8	51.9	52.0	52.1	52.3	52.4	52.5	52.7
35.4	45.4	47.5	49.5	50.6	51.2	51.5	52.1	52.3	52.4	52.5	52.6	52.8	52.9	53.0	53.2
35.8	45.9	48.0	50.0	51.1	51.7	52.1	52.6	52.9	53.0	53.1	53.2	53.3	53.5	53.5	53.7
37.8	48.1	50.3	52.3	53.5	54.1	54.4	55.0	55.2	55.4	55.5	55.6	55.7	55.9	55.9	56.1
42.0	53.2	55.5	57.8	59.1	59.8	60.2	60.7	61.0	61.2	61.3	61.4	61.5	61.7	61.7	61.9
45.1	56.6	59.1	61.4	62.7	63.4	63.8	64.4	64.7	64.8	64.9	65.0	65.2	65.4	65.4	65.6
47.1	59.2	61.7	64.2	65.5	66.3	66.6	67.3	67.5	67.7	67.8	67.9	68.1	68.3	68.3	68.5
48.5	60.7	63.3	65.8	67.2	67.9	68.3	68.9	69.2	69.4	69.5	69.6	69.8	69.9	70.0	70.2
51.1	63.9	66.6	69.3	70.7	71.5	71.9	72.6	72.8	73.0	73.1	73.2	73.4	73.6	73.6	73.8
53.0	66.4	69.2	72.1	73.6	74.4	74.8	75.4	75.7	75.9	76.0	76.1	76.3	76.5	76.5	76.7
55.1	69.3	72.3	75.3	76.9	77.7	78.1	78.8	79.1	79.2	79.4	79.5	79.7	79.9	79.9	80.1
56.1	70.6	73.8	76.8	78.4	79.2	79.7	80.4	80.7	80.8	80.9	81.1	81.2	81.4	81.5	81.7
57.3	72.6	75.8	78.9	80.6	81.4	81.8	82.5	82.8	83.0	83.1	83.3	83.4	83.6	83.7	83.9
58.7	74.8	78.2	81.4	83.2	84.1	84.5	85.3	85.6	85.8	85.9	86.0	86.2	86.4	86.5	86.7
59.4	76.1	79.6	83.0	84.8	85.8	86.3	87.1	87.4	87.6	87.7	87.8	88.0	88.2	88.2	88.4
59.6	76.7	80.2	83.6	85.5	86.6	87.1	87.9	88.2	88.4	88.5	88.6	88.8	89.0	89.1	89.3
59.9	77.2	80.8	84.3	86.3	87.4	87.9	88.7	89.0	89.2	89.3	89.4	89.6	89.8	89.9	90.1
60.2	77.8	81.5	85.2	87.2	88.4	88.9	89.8	90.1	90.3	90.4	90.6	90.8	91.0	91.0	91.2
60.5	78.5	82.3	86.2	88.3	89.5	90.2	91.1	91.4	91.6	91.8	91.9	92.1	92.3	92.4	92.6
60.5	78.7	82.6	86.6	89.0	90.3	91.1	92.0	92.4	92.6	92.8	92.9	93.1	93.3	93.4	93.6
60.6	78.9	82.9	87.1	90.0	91.4	92.3	93.4	93.8	94.0	94.1	94.3	94.5	94.7	94.7	94.9
60.6	79.1	83.1	87.5	90.7	92.3	93.2	94.6	95.1	95.3	95.5	95.6	95.8	96.0	96.1	96.3
60.6	79.1	83.2	87.8	91.1	92.9	94.0	95.6	96.1	96.4	96.6	96.8	97.0	97.2	97.2	97.4
60.6	79.1	83.2	87.9	91.3	93.1	94.4	96.3	96.9	97.5	97.7	98.0	98.2	98.6	98.6	99.0
60.6	79.1	83.2	87.9	91.3	93.2	94.4	96.4	97.0	97.7	98.1	98.3	98.6	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 6968

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

037460 BOSCOMBE DOWN UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

VISIBILITY STATUTE MILES

23.3	34.8	38.2	40.6	41.7	42.1	42.2	42.7	43.3	43.4	43.5	43.5	43.6	43.8	43.8	43.9
27.3	40.7	44.6	48.0	49.3	49.8	49.9	50.4	51.0	51.1	51.2	51.2	51.5	51.6	51.6	51.7
27.3	40.7	44.6	48.0	49.3	49.8	49.9	50.4	51.0	51.1	51.2	51.2	51.5	51.6	51.6	51.7
27.3	40.7	44.6	48.0	49.3	49.8	49.9	50.4	51.0	51.1	51.2	51.2	51.5	51.6	51.6	51.7
27.6	41.0	44.9	48.2	49.7	50.1	50.2	50.8	51.3	51.5	51.6	51.6	51.8	51.9	51.9	52.0
28.9	42.5	46.4	49.8	51.3	51.8	51.9	52.5	53.0	53.1	53.2	53.2	53.5	53.6	53.6	53.7
30.6	45.0	49.2	52.8	54.5	55.0	55.1	55.7	56.4	56.5	56.6	56.6	56.8	56.9	56.9	57.0
31.5	46.2	50.8	54.5	56.4	56.9	57.0	57.6	58.3	58.4	58.5	58.5	58.7	58.8	58.8	58.9
31.5	46.3	50.9	54.6	56.5	57.0	57.1	57.7	58.4	58.5	58.6	58.6	58.8	58.9	58.9	59.0
31.6	46.5	51.1	54.8	56.7	57.3	57.4	57.9	58.6	58.7	58.8	58.8	59.0	59.2	59.2	59.3
32.7	47.9	52.5	56.1	58.0	58.6	58.7	59.3	59.9	60.0	60.2	60.2	60.4	60.5	60.5	60.6
34.5	50.7	55.6	59.5	61.6	62.3	62.4	63.1	63.7	63.8	64.0	64.0	64.2	64.3	64.3	64.4
35.6	52.8	57.9	62.2	64.3	65.1	65.2	65.8	66.5	66.6	66.7	66.7	67.0	67.1	67.1	67.2
35.9	53.5	58.6	62.9	65.1	65.8	66.0	66.6	67.3	67.4	67.5	67.5	67.7	67.9	67.9	68.0
37.3	55.1	60.3	64.6	66.7	67.6	67.7	68.4	69.1	69.2	69.3	69.3	69.5	69.6	69.6	69.8
39.7	57.9	63.3	67.9	70.1	71.1	71.2	71.9	72.5	72.7	72.8	72.8	73.0	73.1	73.1	73.2
41.3	60.5	66.0	71.0	73.3	74.4	74.7	75.3	76.0	76.1	76.2	76.2	76.5	76.6	76.6	76.7
44.0	64.0	69.8	74.8	77.1	78.3	78.6	79.2	79.9	80.0	80.1	80.1	80.4	80.5	80.5	80.6
44.1	64.3	70.2	75.7	78.0	79.2	79.5	80.1	80.8	80.9	81.0	81.0	81.3	81.4	81.4	81.5
44.9	65.6	71.8	77.5	79.9	81.1	81.4	82.0	82.7	82.8	82.9	82.9	83.1	83.3	83.3	83.4
46.8	68.6	75.1	80.8	83.4	84.7	84.9	85.6	86.3	86.4	86.5	86.5	86.7	86.8	86.8	86.9
47.4	69.9	76.3	82.0	84.8	86.5	86.8	87.5	88.2	88.3	88.4	88.4	88.6	88.7	88.7	88.8
48.0	70.9	77.3	83.1	85.9	87.6	87.9	88.6	89.3	89.4	89.5	89.5	89.7	89.8	89.8	90.0
48.2	71.3	78.0	83.8	86.6	88.3	88.6	89.3	90.0	90.1	90.2	90.2	90.4	90.5	90.5	90.6
48.5	72.2	79.4	85.2	87.9	89.6	90.0	90.6	91.3	91.4	91.5	91.5	91.7	91.9	91.9	92.0
48.9	73.1	80.7	86.5	89.4	91.3	91.6	92.3	93.0	93.1	93.2	93.2	93.4	93.5	93.5	93.6
48.9	73.4	81.1	87.2	90.2	92.1	92.4	93.2	93.9	94.0	94.1	94.1	94.3	94.4	94.4	94.5
49.0	74.1	81.9	88.3	91.4	93.5	94.0	94.9	95.5	95.6	95.8	95.8	96.0	96.1	96.1	96.2
49.3	75.1	83.3	90.0	93.2	95.4	96.0	96.9	97.5	97.7	97.8	97.8	98.0	98.1	98.1	98.2
49.3	75.2	83.4	90.1	93.5	95.9	96.4	97.3	98.0	98.1	98.2	98.2	98.4	98.5	98.5	98.7
49.4	75.3	83.5	90.3	94.0	96.3	96.9	97.8	98.5	98.7	98.8	98.8	99.0	99.1	99.1	99.3
49.4	75.3	83.5	90.3	94.0	96.3	97.0	98.0	98.8	98.9	99.2	99.2	99.4	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

037460 BOSCOMBE DOWN UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

[illegible]	15.7	23.7	26.1	28.3	29.3	30.1	30.5	31.3	31.7	31.8	32.1	32.2	32.7	33.0	33.2	34.6
[illegible]	18.6	29.3	32.7	35.5	37.0	37.9	38.3	39.4	39.8	39.9	40.2	40.3	40.9	41.3	41.5	43.0
[illegible]	18.6	29.3	32.7	35.5	37.0	37.9	38.3	39.4	39.8	39.9	40.2	40.3	40.9	41.3	41.5	43.0
[illegible]	18.7	29.5	32.8	35.7	37.1	38.0	38.4	39.5	39.9	40.0	40.3	40.4	41.0	41.4	41.6	43.1
[illegible]	19.3	30.1	33.4	36.4	37.9	38.8	39.2	40.3	40.6	40.8	41.1	41.3	41.9	42.3	42.5	44.0
[illegible]	20.4	31.9	35.2	38.3	39.8	40.6	41.1	42.2	42.5	42.6	43.0	43.2	43.7	44.2	44.4	45.8
[illegible]	22.6	35.2	38.5	41.9	43.3	44.3	44.7	45.8	46.2	46.3	46.6	46.8	47.4	47.8	48.1	49.5
[illegible]	23.3	36.2	39.8	43.2	44.9	45.8	46.3	47.5	47.8	48.0	48.3	48.5	49.1	49.6	49.8	51.3
[illegible]	23.4	36.4	40.0	43.4	45.1	46.2	46.7	48.0	48.3	48.4	48.7	48.9	49.5	50.1	50.3	51.7
[illegible]	23.5	36.8	40.4	43.9	45.5	46.6	47.2	48.4	48.9	49.1	49.4	49.6	50.2	50.7	50.9	52.4
[illegible]	24.0	37.5	41.4	45.0	46.6	47.7	48.4	49.6	50.4	50.5	50.8	51.1	51.6	52.2	52.4	53.8
[illegible]	26.5	40.5	44.6	48.5	50.4	51.5	52.3	53.5	54.4	54.6	54.9	55.1	55.7	56.3	56.5	57.9
[illegible]	27.8	43.2	47.3	51.4	53.4	54.5	55.3	56.5	57.4	57.7	58.0	58.3	58.8	59.4	59.6	61.0
[illegible]	28.2	44.1	48.3	52.6	54.6	55.8	56.7	57.9	58.8	59.1	59.5	59.7	60.2	60.8	61.0	62.5
[illegible]	29.1	45.7	50.2	54.7	56.7	57.9	58.8	60.0	61.0	61.4	61.7	61.9	62.5	63.0	63.2	64.7
[illegible]	32.2	49.1	53.6	58.4	60.5	61.8	62.8	64.0	65.0	65.3	65.7	65.9	66.4	67.1	67.3	68.9
[illegible]	33.7	51.1	55.7	60.7	62.9	64.2	65.2	66.4	67.4	67.8	68.1	68.3	68.9	69.5	69.8	71.3
[illegible]	35.8	54.4	59.2	64.8	67.3	68.8	69.8	71.3	72.3	72.6	73.0	73.2	73.8	74.4	74.6	76.2
[illegible]	36.7	55.6	60.5	66.0	68.5	70.0	71.0	72.5	73.5	73.9	74.2	74.4	75.0	75.6	75.9	77.4
[illegible]	37.8	56.8	61.8	67.8	70.4	71.9	73.0	74.5	75.5	75.9	76.2	76.4	77.0	77.6	77.9	79.4
[illegible]	39.3	58.8	64.0	70.4	73.2	74.9	76.0	77.6	78.6	79.0	79.3	79.5	80.1	80.7	81.0	82.5
[illegible]	40.3	60.5	65.9	72.3	75.2	76.9	78.0	79.6	80.6	81.0	81.3	81.5	82.1	82.7	82.9	84.5
[illegible]	40.6	61.2	66.8	73.2	76.1	77.7	78.8	80.5	81.5	81.8	82.2	82.4	82.9	83.6	83.8	85.4
[illegible]	41.4	62.2	67.8	74.3	77.2	79.0	80.1	81.7	82.7	83.1	83.4	83.6	84.2	84.8	85.0	86.6
[illegible]	41.5	63.3	69.0	76.0	79.0	80.8	81.9	83.6	84.6	84.9	85.3	85.5	86.0	86.7	86.9	88.5
[illegible]	42.2	64.3	70.1	77.4	80.6	82.8	83.9	85.6	86.6	86.9	87.3	87.5	88.0	88.7	88.9	90.5
[illegible]	42.5	65.1	71.0	79.0	82.2	84.4	85.5	87.3	88.3	88.6	88.9	89.1	89.7	90.4	90.6	92.1
[illegible]	42.7	65.3	71.3	79.6	83.3	85.7	86.8	88.6	89.6	89.9	90.3	90.5	91.0	91.7	91.9	93.5
[illegible]	42.9	65.8	72.2	81.1	84.8	87.4	88.6	90.5	91.5	91.8	92.1	92.4	92.9	93.6	93.8	95.3
[illegible]	42.9	66.1	72.5	81.7	86.3	89.5	90.9	92.9	94.0	94.5	94.8	95.0	95.6	96.2	96.5	98.0
[illegible]	42.9	66.2	72.6	81.8	86.4	89.7	91.1	93.4	94.5	94.9	95.2	95.5	96.0	96.9	97.1	99.0
[illegible]	42.9	66.2	72.6	81.8	86.4	89.7	91.1	93.4	94.6	95.0	95.3	95.6	96.2	97.6	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 903

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

037460 BOSCOMBE DOWN UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

16.1	21.7	22.8	25.0	25.8	26.2	26.4	26.7	26.9	26.9	27.1	27.1	27.4	27.4	27.5	27.6
21.0	29.2	30.6	33.3	34.3	35.2	35.8	36.1	36.3	36.3	36.9	36.9	37.1	37.1	37.2	37.3
21.0	29.2	30.6	33.3	34.3	35.2	35.8	36.1	36.3	36.3	36.9	36.9	37.1	37.1	37.2	37.3
21.0	29.2	30.6	33.3	34.3	35.2	35.8	36.1	36.3	36.3	36.9	36.9	37.1	37.1	37.2	37.3
21.5	29.6	31.1	33.7	34.7	35.6	36.2	36.5	36.8	36.8	37.3	37.3	37.6	37.6	37.7	37.8
22.9	31.7	33.6	36.3	37.5	38.4	38.9	39.3	39.6	39.7	40.3	40.3	40.5	40.6	40.7	40.9
26.0	36.1	38.3	41.2	42.5	43.4	43.9	44.3	44.6	44.7	45.3	45.3	45.5	45.6	45.7	45.9
27.0	37.3	39.7	42.9	44.5	45.5	46.2	46.7	47.0	47.1	47.7	47.7	47.9	48.0	48.1	48.2
27.2	37.7	40.1	43.5	45.3	46.3	47.0	47.4	47.8	47.9	48.5	48.5	48.7	48.8	48.9	49.0
27.5	38.1	40.5	43.9	45.7	46.8	47.4	47.9	48.2	48.4	48.9	48.9	49.1	49.3	49.4	49.5
29.1	40.1	42.6	46.0	47.8	48.8	49.5	49.9	50.4	50.5	51.1	51.1	51.3	51.4	51.5	51.6
31.3	43.0	45.6	49.3	51.4	52.4	53.3	53.8	54.3	54.4	54.9	54.9	55.2	55.3	55.4	55.5
32.6	44.8	47.7	51.4	53.7	54.8	55.8	56.3	56.9	57.0	57.5	57.5	57.8	57.9	58.0	58.1
33.4	45.7	48.8	52.9	55.2	56.3	57.3	57.8	58.3	58.5	59.0	59.1	59.4	59.5	59.6	59.8
34.5	47.0	50.1	54.5	56.9	58.0	59.0	59.5	60.0	60.2	60.7	60.8	61.1	61.2	61.3	61.5
36.0	48.9	52.0	56.5	58.9	60.0	61.2	61.6	62.2	62.4	63.0	63.1	63.3	63.5	63.6	63.8
38.1	51.4	54.5	59.0	61.5	62.7	63.8	64.2	64.8	65.0	65.6	65.7	65.9	66.1	66.2	66.4
40.6	54.6	57.8	62.3	64.8	65.9	67.2	67.7	68.2	68.4	69.0	69.1	69.4	69.5	69.6	69.8
42.2	56.5	59.7	64.2	66.7	67.9	69.1	69.6	70.1	70.4	70.9	71.1	71.3	71.4	71.5	71.7
43.6	58.3	61.6	66.4	68.9	70.1	71.4	71.9	72.4	72.6	73.2	73.3	73.6	73.7	73.8	74.0
46.0	62.0	65.3	70.0	72.5	73.9	75.1	75.6	76.2	76.4	77.0	77.1	77.3	77.4	77.5	77.8
47.0	64.0	67.3	72.3	74.8	76.2	77.5	78.0	78.7	78.9	79.5	79.6	79.8	79.9	80.0	80.2
48.1	65.7	69.1	74.1	76.6	78.0	79.3	79.8	80.5	80.7	81.3	81.4	81.6	81.7	81.8	82.1
48.7	66.5	69.9	75.0	77.6	79.0	80.4	80.8	81.5	81.7	82.3	82.4	82.6	82.7	82.9	83.1
49.4	68.2	71.7	77.2	80.1	81.6	83.0	83.4	84.1	84.3	84.9	85.0	85.2	85.4	85.5	85.7
50.6	69.9	73.6	79.9	83.0	84.6	86.0	86.5	87.2	87.4	88.0	88.1	88.3	88.4	88.5	88.8
51.3	71.5	75.3	82.0	85.4	87.1	88.6	89.1	89.8	90.0	90.6	90.7	90.9	91.0	91.1	91.4
51.5	72.2	76.3	83.1	87.2	89.2	90.8	91.5	92.2	92.5	93.1	93.2	93.4	93.5	93.6	93.9
51.8	72.9	77.2	84.1	88.6	90.9	92.5	93.3	94.0	94.3	94.9	95.0	95.2	95.3	95.5	95.7
51.6	73.0	77.5	84.7	89.8	92.2	94.0	95.0	95.8	96.1	96.8	96.9	97.2	97.3	97.4	97.6
51.6	73.0	77.5	84.7	89.8	92.3	94.3	95.6	96.6	97.0	97.7	97.8	98.2	98.4	98.5	98.9
51.6	73.0	77.5	84.7	89.8	92.3	94.3	95.7	96.7	97.2	97.8	98.1	98.4	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 881

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

037460 BOSCOMBE DOWN UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

	18.2	24.2	24.9	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
	25.7	33.3	34.1	34.6	34.9	34.9	34.9	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
	25.8	33.4	34.3	34.7	35.0	35.0	35.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
	26.0	33.6	34.5	34.9	35.3	35.3	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
	26.6	34.1	35.0	35.6	35.9	35.9	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
	28.1	36.8	38.0	38.6	38.9	38.9	39.0	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
	32.0	41.3	42.8	43.5	43.9	43.9	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
	33.4	43.0	44.8	45.6	46.2	46.2	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
	33.7	43.4	45.2	45.9	46.5	46.5	46.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
	34.3	44.0	45.8	46.6	47.2	47.2	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
	35.7	45.7	47.6	48.4	48.9	48.9	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
	41.3	51.8	53.8	54.7	55.3	55.3	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
	43.5	54.6	56.6	57.5	58.1	58.1	58.2	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
	45.4	56.7	58.7	59.7	60.3	60.3	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
	46.3	57.7	59.7	60.8	61.4	61.4	61.5	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
	49.8	61.5	63.5	64.6	65.3	65.3	65.4	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
	53.4	65.2	67.3	68.4	69.1	69.1	69.2	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
	59.7	72.1	74.2	75.4	76.1	76.1	76.2	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8
	61.8	74.6	76.9	78.1	78.8	78.8	78.9	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
	64.2	77.6	79.9	81.2	82.2	82.3	82.4	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
	68.0	82.4	84.9	86.2	87.3	87.4	87.5	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
	69.2	84.4	87.0	88.4	89.5	89.7	89.8	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
	69.7	85.4	88.0	89.9	91.0	91.1	91.2	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
	70.5	86.4	89.0	91.0	92.2	92.3	92.5	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
	71.5	88.0	90.5	92.7	94.1	94.3	94.5	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
	72.1	88.8	91.3	93.5	95.6	96.0	96.2	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	72.1	88.8	91.3	93.7	95.9	96.3	96.7	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
	72.2	88.9	91.8	94.3	97.2	97.8	98.2	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	72.2	88.9	91.8	94.3	97.7	98.2	98.7	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	72.2	88.9	91.8	94.3	97.7	98.2	98.7	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	72.2	88.9	91.8	94.3	97.7	98.2	98.8	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	72.2	88.9	91.8	94.3	97.7	98.2	98.8	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 895

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

037460 BOSCOMBE DOWN UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

16.1	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
24.5	30.7	30.8	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
24.5	30.7	30.8	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
24.6	30.8	30.9	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
25.7	32.0	32.1	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
27.0	33.9	34.0	34.4	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
30.5	38.0	38.1	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
32.0	40.4	40.5	41.3	41.4	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
32.3	40.6	40.8	41.6	41.7	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
32.7	41.3	41.4	42.3	42.4	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
35.8	45.2	45.7	46.6	46.7	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
46.6	57.2	57.7	58.9	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
52.0	62.9	63.5	64.6	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
56.0	67.5	68.1	69.2	69.3	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
58.8	70.3	70.8	72.0	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
64.1	75.9	76.5	77.6	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
67.6	79.4	80.1	81.3	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
73.5	85.9	86.9	88.1	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
74.6	87.3	88.3	89.4	89.6	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
76.8	90.4	91.4	92.5	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
79.0	93.0	94.3	95.5	95.6	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
79.4	94.0	95.3	96.6	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
79.4	94.1	95.4	96.7	96.8	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
79.7	94.4	95.6	96.9	97.0	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
79.8	94.9	96.3	97.6	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
79.8	94.9	96.3	97.7	98.0	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
79.9	95.2	96.7	98.0	98.7	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
79.9	95.3	96.8	98.3	99.1	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
79.9	95.3	96.8	98.3	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
79.9	95.3	96.8	98.3	99.1	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
79.9	95.3	96.8	98.3	99.1	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
79.9	95.3	96.8	98.3	99.1	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 871

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

037460 BOSCOMBE DOWN UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1500-1700

22.1	26.3	26.4	26.4	26.4	26.4	26.6	26.6	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
35.2	40.6	40.7	40.7	40.8	40.8	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
35.2	40.6	40.7	40.7	40.8	40.8	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
35.3	40.7	40.8	40.8	40.9	40.9	41.0	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
35.9	41.3	41.4	41.4	41.6	41.6	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
37.7	43.1	43.3	43.3	43.4	43.4	43.6	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
40.9	46.4	46.7	46.9	47.0	47.0	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
42.6	48.3	48.7	49.0	49.2	49.2	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
42.8	48.6	48.9	49.2	49.4	49.4	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
43.3	49.4	49.8	50.2	50.4	50.4	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
47.0	54.4	54.8	55.2	55.4	55.4	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
57.7	66.3	66.9	67.4	67.7	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
62.7	72.3	73.0	73.6	73.8	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
66.2	76.4	77.1	77.7	77.9	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
67.7	78.0	78.7	79.2	79.4	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
70.3	81.4	82.1	82.7	82.9	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
73.7	85.2	86.0	86.6	86.8	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
77.4	90.1	90.9	91.7	91.9	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
78.0	90.7	91.4	92.3	92.6	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
79.3	92.4	93.3	94.2	94.4	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
80.1	93.4	94.3	95.3	95.6	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
80.7	94.1	95.0	96.2	96.6	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
80.7	94.6	95.6	96.8	97.1	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
80.7	94.8	95.8	97.0	97.3	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
80.8	95.4	96.4	98.0	98.3	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
80.8	95.7	96.7	98.3	98.8	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
80.8	95.7	96.8	98.4	99.0	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
80.8	95.7	96.8	98.4	99.0	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
80.8	95.7	96.8	98.6	99.1	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
80.8	95.7	96.8	98.7	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
80.8	95.7	96.8	98.7	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
80.8	95.7	96.8	98.7	99.2	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

037460 BOSCOMBE DOWN UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

29.4	29.2	29.4	29.4	29.5	29.5	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
40.6	47.8	48.2	48.2	48.4	48.4	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
40.6	47.8	48.2	48.2	48.4	48.4	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
40.7	47.9	48.4	48.4	48.5	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
41.8	49.3	49.7	49.7	49.8	49.8	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
43.5	51.8	52.2	52.2	52.4	52.4	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
47.8	56.4	56.8	57.1	57.3	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
49.0	58.2	58.6	58.9	59.2	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
50.1	59.2	59.7	59.9	60.2	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
51.1	60.2	60.8	61.0	61.4	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
53.2	63.1	63.6	64.0	64.3	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
59.2	69.8	70.5	70.8	71.3	71.5	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
63.2	74.1	74.8	75.3	75.8	76.2	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
65.0	76.2	76.8	77.3	77.9	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	76.5
66.6	77.9	78.5	79.0	79.5	79.9	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
69.8	81.8	82.7	83.2	83.7	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
72.0	84.6	85.6	86.1	86.7	87.0	87.1	87.2	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
75.0	88.2	89.3	89.7	90.3	90.7	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
75.9	89.4	90.4	90.8	91.4	91.9	92.0	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
77.1	90.7	91.8	92.2	92.8	93.2	93.3	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
78.1	92.3	93.4	93.9	94.5	94.9	95.0	95.1	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
78.2	92.5	93.7	94.2	94.8	95.3	95.4	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
78.5	93.0	94.1	94.9	95.5	95.9	96.0	96.2	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
79.0	93.8	95.0	95.8	96.5	96.9	97.1	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
79.1	93.9	95.1	96.2	96.9	97.4	97.5	97.6	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
79.3	94.1	95.4	96.4	97.2	97.6	97.7	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
79.5	94.5	95.7	96.8	97.6	98.1	98.3	98.4	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
79.7	94.7	95.9	97.2	98.1	98.6	98.9	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
79.7	94.8	96.0	97.4	98.3	98.9	99.1	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
79.7	94.8	96.0	97.5	98.6	99.2	99.4	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
79.7	94.8	96.0	97.5	98.6	99.2	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
79.7	94.8	96.0	97.5	98.6	99.2	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 885

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEAT R SERVICE/MAC

CEILING VERSUS V IBILITY

037460 BOSCOMBE DOWN UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0-2300

25.6	34.7	37.2	38.2	38.9	39.0	39.1	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
35.1	48.0	50.7	51.8	52.5	52.6	52.7	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
35.1	48.0	50.7	51.8	52.5	52.6	52.7	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
35.2	48.2	50.8	52.0	52.6	52.7	52.9	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
35.8	49.2	51.8	53.0	53.6	53.8	53.9	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
37.3	50.8	53.8	55.1	55.9	56.0	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
39.5	53.6	56.7	58.3	59.5	59.6	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
40.6	55.0	58.3	60.0	61.4	61.5	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
40.8	55.1	58.5	60.1	61.5	61.6	61.8	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
40.9	55.2	58.6	60.2	61.6	61.7	61.9	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
41.4	56.2	59.7	61.5	62.8	62.9	63.2	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
44.5	60.6	64.5	66.3	67.7	68.0	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
45.6	63.3	67.2	69.1	70.5	70.8	71.0	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
46.9	64.8	68.8	70.7	72.1	72.3	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
48.2	66.5	70.5	72.5	74.2	74.5	74.8	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
50.6	70.1	74.6	76.7	78.6	78.8	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
52.2	72.5	77.0	79.5	81.4	81.6	82.0	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
55.1	76.4	81.5	84.1	86.0	86.2	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
55.5	76.9	82.2	84.9	86.8	87.0	87.3	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
56.0	77.7	83.2	85.9	88.1	88.4	88.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
57.0	79.5	85.4	88.2	90.5	90.8	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
57.7	80.4	86.5	89.2	91.5	91.8	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
57.9	80.6	86.7	89.5	91.7	92.0	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
58.6	81.7	87.8	90.6	92.8	93.2	93.5	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
59.2	83.2	89.2	92.0	94.4	94.7	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
59.5	84.1	90.1	93.1	95.5	95.9	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
59.6	84.2	90.7	93.6	96.1	96.4	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
59.6	84.4	91.3	94.3	96.8	97.1	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
59.8	84.9	91.7	95.2	98.0	98.3	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
59.9	85.1	91.9	95.4	98.2	98.5	98.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
59.9	85.1	91.9	95.4	98.2	98.5	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
59.9	85.1	91.9	95.4	98.2	98.5	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] HOSCOMBE DOWN UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

[illegible]	27.0	28.3	29.3	29.8	30.0	30.2	30.4	30.6	30.6	30.7	30.7	30.8	30.9	30.9	31.1
[illegible]	37.5	39.1	40.4	41.1	41.4	41.5	41.9	42.0	42.1	42.2	42.2	42.3	42.4	42.4	42.6
[illegible]	37.5	39.1	40.4	41.1	41.4	41.6	41.9	42.0	42.1	42.2	42.2	42.3	42.4	42.5	42.[illegible]
28.6	37.6	39.2	40.5	41.2	41.5	41.7	42.0	42.1	42.2	42.3	42.3	42.4	42.5	42.6	42.4
29.3	38.3	40.0	41.3	42.0	42.3	42.5	42.8	43.0	43.0	43.1	43.2	43.3	43.4	43.4	43.6
33.7	40.3	42.1	43.5	44.2	44.5	44.7	45.1	45.2	45.3	45.4	45.4	45.6	45.7	45.7	45.9
33.7	44.0	45.9	47.5	48.3	48.7	48.9	49.2	49.4	49.4	49.6	49.6	49.7	49.8	49.8	50.0
34.9	45.6	47.7	49.4	50.4	50.8	51.0	51.4	51.5	51.6	51.7	51.6	51.9	52.0	52.0	52.2
35.2	45.9	48.0	49.8	50.8	51.2	51.4	51.8	52.0	52.0	52.2	52.2	52.3	52.4	52.5	52.7
35.6	46.5	48.6	50.4	51.4	51.8	52.0	52.4	52.6	52.7	52.8	52.8	52.9	53.0	53.1	53.3
37.4	48.8	51.0	52.8	53.8	54.2	54.5	54.9	55.1	55.2	55.3	55.3	55.5	55.6	55.6	55.8
42.7	55.0	57.4	59.4	60.5	61.0	61.3	61.7	62.0	62.0	62.2	62.2	62.3	62.4	62.5	62.7
45.3	58.5	61.0	63.1	64.3	64.8	65.1	65.5	65.8	65.9	66.0	66.0	66.1	66.2	66.3	66.5
47.1	60.6	63.1	65.4	66.5	67.0	67.4	67.8	68.1	68.2	68.3	68.3	68.4	68.5	68.6	68.8
48.5	62.2	64.8	67.1	68.4	68.9	69.2	69.6	69.9	70.0	70.2	70.2	70.3	70.4	70.5	70.7
51.5	65.8	68.5	70.9	72.2	72.7	73.1	73.5	73.8	73.9	74.1	74.1	74.2	74.4	74.4	74.6
53.9	68.7	71.5	74.0	75.4	75.9	76.3	76.7	77.0	77.1	77.3	77.3	77.5	77.6	77.6	77.8
57.6	73.2	76.2	78.8	80.2	80.8	81.2	81.6	82.0	82.1	82.2	82.3	82.4	82.5	82.5	82.8
58.6	74.4	77.4	80.2	81.5	82.1	82.5	83.0	83.3	83.4	83.6	83.6	83.7	83.8	83.9	84.1
59.9	76.2	79.3	82.2	83.7	84.3	84.7	85.2	85.5	85.6	85.7	85.8	85.9	86.0	86.1	86.3
61.7	78.7	82.1	85.0	86.5	87.2	87.7	88.1	88.5	88.6	88.7	88.8	88.9	89.0	89.1	89.3
62.4	79.9	83.3	86.4	88.0	88.7	89.2	89.6	90.0	90.1	90.2	90.3	90.4	90.5	90.6	90.8
62.8	80.7	84.1	87.2	88.8	89.6	90.0	90.5	90.9	91.0	91.1	91.2	91.3	91.4	91.5	91.7
63.3	81.4	84.8	88.0	89.6	90.4	90.9	91.4	91.7	91.8	92.0	92.0	92.2	92.3	92.3	92.6
63.7	82.4	85.9	89.3	91.1	91.9	92.3	92.8	93.2	93.3	93.5	93.5	93.6	93.7	93.8	94.0
64.1	83.1	86.7	90.3	92.2	93.2	93.7	94.2	94.5	94.7	94.8	94.8	95.0	95.1	95.1	95.4
64.3	83.5	87.3	91.1	93.1	94.1	94.6	95.1	95.5	95.6	95.8	95.8	95.9	96.1	96.1	96.3
64.4	83.8	87.7	91.7	94.0	95.1	95.7	96.2	96.6	96.7	96.9	96.9	97.1	97.2	97.2	97.4
64.5	84.1	88.2	92.3	94.8	96.0	96.6	97.2	97.6	97.8	97.9	97.9	98.1	98.2	98.2	98.5
64.5	84.2	88.3	92.6	95.3	96.6	97.2	97.9	98.3	98.5	98.6	98.7	98.8	98.9	99.0	99.2
64.5	84.2	88.3	92.6	95.4	96.7	97.4	98.2	98.6	98.8	98.9	99.0	99.1	99.3	99.3	99.6
64.5	84.2	88.3	92.6	95.4	96.7	97.4	98.2	98.7	98.8	99.0	99.1	99.2	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7128

USAF ETAC [illegible] 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

21.3	35.3	39.3	44.2	47.1	48.9	50.3	51.7	51.9	52.0	52.0	52.0	52.1	52.3	52.5	52.8
24.2	38.9	43.0	48.6	51.7	54.2	55.9	57.7	58.0	58.2	58.2	58.2	58.3	58.5	58.6	59.0
24.2	38.9	43.0	48.6	51.7	54.2	55.9	57.7	58.0	58.2	58.2	58.2	58.3	58.5	58.6	59.0
24.2	38.9	43.0	48.6	51.7	54.2	55.9	57.7	58.0	58.2	58.2	58.2	58.3	58.5	58.6	59.0
24.6	39.3	43.4	49.1	52.2	54.7	56.4	58.3	58.6	58.7	58.7	58.7	58.8	59.1	59.2	59.5
24.6	39.9	44.0	49.7	53.0	55.5	57.2	59.3	59.6	59.7	59.7	59.7	59.9	60.1	60.2	60.5
25.7	41.4	45.6	51.4	54.7	57.2	59.0	61.1	61.5	61.6	61.6	61.6	61.7	61.9	62.0	62.4
25.9	41.7	46.0	51.9	55.3	57.8	59.7	62.0	62.5	62.6	62.6	62.6	62.7	62.9	63.1	63.4
26.5	42.6	46.9	52.9	56.3	58.8	60.8	63.1	63.5	63.6	63.6	63.6	63.7	64.0	64.1	64.4
26.6	42.8	47.0	53.0	56.4	59.0	61.0	63.3	63.7	63.9	63.9	63.9	64.0	64.2	64.3	64.7
27.4	44.2	48.6	54.7	58.3	60.9	62.9	65.2	65.7	65.8	65.8	65.8	65.9	66.1	66.2	66.6
28.3	46.4	50.7	56.9	60.5	63.2	65.6	67.8	68.3	68.4	68.4	68.4	68.5	68.8	68.9	69.2
29.1	47.7	52.2	58.5	62.1	64.8	67.2	69.4	70.0	70.2	70.2	70.2	70.4	70.6	70.7	71.0
29.9	49.5	54.2	60.4	64.1	66.7	69.2	71.5	72.1	72.3	72.3	72.3	72.4	72.6	72.7	73.1
30.1	49.9	54.8	61.1	64.8	67.4	69.9	72.2	72.7	73.0	73.0	73.0	73.1	73.3	73.4	73.9
31.8	52.6	57.7	64.0	67.6	70.4	73.0	75.4	75.9	76.2	76.2	76.2	76.3	76.5	76.6	77.
32.7	54.0	59.2	65.5	69.1	71.8	74.5	77.0	77.5	77.8	77.8	77.8	78.0	78.3	78.4	78.8
33.4	55.6	60.8	67.0	70.8	73.5	76.2	78.8	79.6	79.8	79.8	79.8	80.0	80.4	80.5	80.8
33.5	55.9	61.0	67.4	71.2	74.0	76.6	79.4	80.2	80.4	80.4	80.4	80.6	81.0	81.1	81.4
34.1	56.9	62.0	68.5	72.3	75.1	77.9	80.6	81.4	81.6	81.6	81.8	82.0	82.3	82.4	82.8
34.7	58.5	63.7	70.4	74.1	77.2	79.9	82.7	83.0	83.7	83.7	83.8	84.0	84.4	84.5	84.8
35.2	59.3	64.5	71.4	75.3	78.4	81.2	84.0	84.8	85.1	85.1	85.2	85.4	85.7	85.9	86.2
35.3	59.7	65.0	71.9	75.9	79.1	81.9	84.7	85.5	85.7	85.7	85.9	86.1	86.4	86.5	86.9
35.7	60.4	65.7	72.7	76.7	80.0	82.8	85.7	86.5	86.8	86.8	86.9	87.1	87.5	87.6	87.9
35.8	61.0	66.2	73.7	77.7	81.0	83.8	86.9	87.7	87.9	87.9	88.0	88.3	88.6	88.7	89.1
36.0	62.0	67.5	75.0	79.4	82.8	85.6	88.7	89.5	89.7	89.7	89.9	90.1	90.4	90.5	90.9
36.1	62.6	68.4	76.1	80.4	83.8	86.7	89.7	90.5	90.8	90.8	90.9	91.1	91.4	91.6	91.9
36.3	62.7	68.6	76.6	81.4	84.8	87.7	90.9	91.7	92.0	92.0	92.1	92.4	92.7	92.8	93.2
36.3	63.3	69.4	77.9	83.0	86.7	89.9	93.3	94.1	94.5	94.5	94.6	94.9	95.2	95.3	95.7
36.3	63.3	69.4	78.4	83.7	87.5	90.6	94.2	95.0	95.6	95.6	95.7	95.9	96.2	96.4	96.7
36.3	63.4	69.6	78.9	84.7	88.6	91.9	95.8	96.7	97.4	97.5	97.6	97.8	98.5	98.6	99.1
36.3	63.4	69.6	78.9	84.8	88.7	92.0	96.0	96.9	97.6	97.7	97.8	98.3	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 877

[illegible] OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

14.8	23.7	26.4	31.6	33.8	36.9	37.8	40.1	40.9	41.6	41.9	42.0	42.7	43.9	44.1	45.3
16.6	26.4	29.3	35.1	37.5	41.1	42.2	44.6	45.6	46.6	47.0	47.1	48.1	49.4	49.7	51.1
16.6	26.4	29.3	35.1	37.5	41.1	42.2	44.6	45.6	46.6	47.0	47.1	48.1	49.4	49.7	51.1
16.6	26.4	29.3	35.1	37.5	41.1	42.2	44.7	45.7	46.7	47.1	47.2	48.2	49.5	49.8	51.2
16.7	26.5	29.5	35.2	37.7	41.2	42.3	45.0	46.0	47.1	47.4	47.5	48.5	49.8	50.2	51.5
16.8	27.0	30.0	35.8	38.2	41.7	42.9	45.5	46.5	47.7	48.1	48.2	49.2	50.5	50.8	52.2
17.2	28.2	31.6	37.7	40.2	43.7	44.9	47.5	48.5	49.7	50.1	50.2	51.2	52.5	52.8	54.2
18.1	29.5	32.8	38.9	41.4	45.1	46.2	48.9	50.1	51.4	51.7	51.8	52.8	54.2	54.5	55.8
18.5	30.1	33.4	39.5	42.2	46.0	47.2	49.9	51.1	52.4	52.7	52.8	53.8	55.1	55.5	56.8
18.6	30.2	33.6	39.6	42.5	46.4	47.7	50.6	51.7	53.0	53.4	53.5	54.5	55.8	56.1	57.5
19.2	31.6	35.3	41.4	44.3	48.3	49.6	52.5	53.6	54.9	55.3	55.4	56.4	57.7	58.0	59.4
20.5	33.2	37.4	44.0	46.8	51.2	52.5	55.5	56.6	57.9	58.3	58.4	59.5	60.9	61.2	62.6
21.0	34.2	38.4	45.1	48.0	52.3	53.6	56.6	57.7	59.0	59.4	59.5	60.6	62.0	62.3	63.7
21.6	35.0	39.3	46.0	48.8	53.2	54.5	57.6	58.7	60.0	60.4	60.5	61.6	63.0	63.3	64.7
22.6	36.7	41.0	47.8	50.7	55.0	56.4	59.5	60.6	61.9	62.2	62.3	63.5	64.9	65.2	66.6
24.5	39.0	43.3	50.3	53.2	57.5	58.9	62.2	63.3	64.7	65.0	65.1	66.2	67.7	68.0	69.3
26.0	41.2	45.5	52.5	55.5	59.8	61.2	64.6	65.8	67.1	67.4	67.6	68.7	70.1	70.4	71.8
26.4	42.1	46.4	53.5	56.6	61.2	62.7	66.0	67.3	68.7	69.0	69.2	70.3	71.8	72.1	73.4
26.7	43.0	47.4	54.6	57.7	62.5	64.0	67.4	68.8	70.2	70.5	70.8	71.9	73.3	73.6	75.0
27.0	43.5	48.0	55.1	58.4	63.1	64.9	68.4	69.8	71.2	71.5	71.8	72.9	74.3	74.6	76.0
27.4	44.5	49.1	56.4	59.6	64.5	66.2	69.8	71.1	72.6	73.0	73.2	74.3	75.7	76.1	77.4
27.4	44.7	49.4	56.7	59.9	64.8	66.6	70.3	71.8	73.4	73.8	74.0	75.1	76.5	76.9	78.2
27.4	45.0	49.7	57.0	60.2	65.1	66.9	70.7	72.1	73.8	74.1	74.3	75.4	76.9	77.2	78.5
27.9	45.6	50.7	58.1	61.4	66.3	68.1	71.9	73.3	75.1	75.4	75.6	76.7	78.2	78.5	79.8
28.0	46.1	51.3	59.0	62.5	67.6	69.3	73.3	74.8	76.5	76.9	77.1	78.2	79.6	80.0	81.3
28.2	47.0	52.4	60.4	63.8	68.9	70.7	75.0	76.5	78.3	78.6	79.0	80.1	81.5	81.8	83.2
28.2	47.0	52.6	60.7	64.1	69.4	71.4	75.7	77.4	79.2	79.5	79.8	81.0	82.5	82.8	84.2
28.3	47.5	53.7	62.1	66.0	71.3	73.5	78.3	80.1	81.8	82.2	82.5	83.6	85.2	85.5	86.8
28.3	48.0	54.6	63.8	68.3	73.9	76.2	81.3	83.2	85.0	85.4	85.7	86.8	88.4	88.7	90.0
28.3	48.2	55.1	64.7	69.4	75.4	77.7	82.9	84.8	86.8	87.2	87.6	88.8	90.7	91.0	92.4
28.3	48.2	55.3	65.2	70.7	77.1	79.4	85.0	87.0	89.3	89.6	90.0	91.3	93.6	94.0	96.3
28.3	48.2	55.3	65.2	70.7	77.1	79.4	85.2	87.5	89.7	90.1	90.7	92.4	95.5	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 903

USAFETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

13/460 BOSCOMBE DOWN UK 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

13.9	21.0	22.7	25.9	28.6	30.6	31.7	32.6	33.0	33.3	33.6	33.6	34.2	35.1	35.1	35.6
17.2	25.6	27.7	31.2	34.7	37.1	38.7	40.3	40.9	41.5	41.8	41.8	42.5	43.5	43.8	44.6
17.5	26.0	28.0	31.5	35.1	37.5	39.1	40.7	41.2	41.8	42.1	42.1	42.8	43.8	44.2	45.0
17.5	26.0	28.0	31.5	35.1	37.5	39.1	40.7	41.2	41.8	42.1	42.1	42.8	43.8	44.2	45.0
18.1	26.9	28.9	32.5	36.0	38.4	40.0	41.6	42.1	42.7	43.1	43.1	43.7	44.8	45.1	45.9
18.5	27.6	29.7	33.7	37.4	39.7	41.5	43.2	44.0	44.6	45.0	45.0	45.8	46.8	47.2	47.9
20.0	29.5	31.7	35.9	39.5	41.9	43.6	45.3	46.1	46.8	47.3	47.3	48.1	49.2	49.5	50.3
20.6	30.4	32.6	37.0	41.1	43.5	45.3	47.0	47.8	48.5	49.0	49.0	49.8	50.9	51.3	52.1
20.7	30.6	32.9	37.6	41.8	44.2	46.0	47.7	48.5	49.2	49.7	49.7	50.5	51.6	51.9	52.7
20.8	31.0	33.3	38.0	42.3	44.6	46.5	48.2	49.0	49.7	50.1	50.1	50.9	52.1	52.4	53.2
21.2	32.1	34.6	39.5	43.7	46.1	47.9	49.8	50.6	51.3	51.7	51.7	52.5	53.6	54.0	54.8
22.0	34.1	36.8	41.8	46.2	48.6	50.6	52.5	53.3	54.1	54.7	54.7	55.6	56.8	57.2	58.0
22.8	35.4	38.4	43.5	47.9	50.3	52.4	54.6	55.4	56.2	56.7	56.7	57.6	58.9	59.2	60.0
23.3	36.2	39.2	44.3	48.7	51.3	53.3	55.5	56.3	57.1	57.6	57.6	58.5	59.8	60.1	60.9
23.6	36.7	39.6	44.8	49.3	51.8	53.9	56.0	56.8	57.6	58.2	58.2	59.1	60.4	60.7	61.5
25.9	39.4	42.4	47.6	52.3	54.8	56.9	59.2	60.0	60.8	61.4	61.4	62.3	63.6	63.9	64.7
26.7	41.1	44.1	49.4	54.1	56.6	58.9	61.3	62.2	63.0	63.6	63.6	64.5	65.7	66.1	66.9
28.0	43.1	46.0	51.6	57.2	59.8	62.2	64.9	65.8	66.7	67.3	67.3	68.2	69.5	69.8	70.6
28.4	43.5	46.5	52.3	57.9	60.6	63.0	65.7	66.6	67.5	68.1	68.1	69.0	70.3	70.6	71.4
28.9	44.4	47.5	53.5	59.2	62.1	64.6	67.3	68.2	69.1	69.7	69.7	70.6	71.9	72.2	73.0
30.4	46.5	49.9	56.0	61.7	64.6	67.1	70.0	71.0	71.9	72.4	72.4	73.3	74.7	75.1	75.9
30.8	47.0	50.6	56.9	62.8	65.7	68.2	71.2	72.1	73.0	73.6	73.6	74.5	75.9	76.2	77.0
31.1	47.5	51.3	57.7	63.6	66.5	69.0	72.0	72.9	73.8	74.4	74.4	75.3	76.7	77.0	77.8
31.7	48.2	52.2	58.7	64.5	67.4	70.0	73.0	74.0	74.9	75.5	75.5	76.4	77.8	78.1	78.9
31.9	48.9	53.2	59.9	65.8	68.8	71.5	74.7	75.7	76.7	77.2	77.3	78.2	79.6	80.0	80.8
32.7	50.2	54.7	61.6	67.8	70.8	73.6	76.9	77.9	78.9	79.5	79.6	80.5	81.9	82.2	83.0
32.7	50.5	54.9	61.8	68.1	71.5	74.4	77.8	79.0	80.1	80.6	80.8	81.7	83.0	83.4	84.2
32.8	50.9	55.8	63.0	70.0	73.6	76.7	80.2	81.5	82.6	83.1	83.3	84.2	85.5	85.9	86.7
32.9	51.7	56.6	63.9	71.3	75.1	78.4	82.1	83.6	84.6	85.2	85.3	86.2	87.6	87.9	88.7
32.9	51.8	56.8	64.6	72.6	76.5	79.8	83.9	85.6	86.9	87.6	87.7	88.6	90.2	90.5	91.3
32.9	51.8	56.8	64.9	73.5	77.8	81.2	86.2	88.4	90.0	90.8	91.0	92.1	94.4	94.8	96.4
32.9	51.8	56.8	64.9	73.5	77.8	81.2	86.2	88.5	90.2	91.2	91.7	92.9	95.7	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 878

USAFETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

037460 BOSCOMBE DOWN UK 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

19.0	26.4	27.8	30.7	31.9	31.9	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.3
27.7	36.2	37.7	41.0	42.4	42.6	42.7	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	43.0
27.8	36.3	37.8	41.2	42.5	42.7	42.8	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.2
27.8	36.4	37.9	41.3	42.6	42.8	42.9	43.0	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.3
28.4	37.2	38.7	42.0	43.4	43.6	43.7	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	44.0
28.9	38.2	39.7	43.0	45.1	45.3	45.5	45.6	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.9
31.1	41.0	42.8	46.4	48.4	48.6	48.8	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.4
31.9	42.0	43.9	47.6	49.7	49.9	50.3	50.7	50.8	50.9	50.9	50.9	50.9	50.9	50.9	51.1
32.0	42.2	44.2	47.8	49.9	50.2	50.5	50.9	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.3
32.5	42.6	44.6	48.3	50.4	50.6	50.9	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.7
33.8	44.5	46.5	50.3	52.4	52.6	53.1	53.5	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.8
35.6	46.9	49.1	52.8	54.9	55.2	55.7	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.7
37.8	49.7	51.8	55.6	57.8	58.1	58.6	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.6
40.3	52.5	54.6	58.4	60.6	60.8	61.4	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.4
42.8	55.3	57.4	61.2	63.4	63.6	64.3	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.3
45.3	58.2	60.3	64.1	66.3	66.5	67.2	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.2
48.6	61.7	64.1	67.9	70.1	70.5	71.3	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.3
52.9	66.9	69.2	73.1	75.4	75.9	76.6	77.3	77.5	77.8	77.9	77.9	77.9	77.9	77.9	78.0
54.1	68.1	70.4	74.4	76.9	77.3	78.1	78.8	79.0	79.2	79.3	79.3	79.3	79.3	79.3	79.4
55.7	71.1	73.6	77.6	80.2	80.8	81.5	82.2	82.4	82.6	82.8	82.8	82.8	82.8	82.8	82.9
57.5	73.6	76.3	80.3	83.0	83.5	84.3	85.0	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.7
58.2	74.6	77.4	81.9	84.6	85.3	86.2	87.0	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.7
58.4	75.0	77.8	82.3	85.2	86.0	86.9	87.8	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.4
58.7	75.8	78.6	83.3	86.3	87.1	88.0	89.1	89.3	89.5	89.7	89.7	89.7	89.7	89.7	89.8
59.1	77.0	80.1	84.8	87.9	88.8	89.8	91.0	91.2	91.5	91.7	91.7	91.7	91.7	91.7	91.8
59.4	77.6	80.8	85.7	89.4	90.5	91.7	92.9	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.8
59.6	78.3	81.5	86.5	90.3	91.5	92.9	94.1	94.4	94.8	94.9	94.9	94.9	94.9	94.9	95.0
59.6	78.4	82.0	87.4	91.3	92.5	94.2	95.4	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.3
59.6	78.5	82.1	87.9	91.9	93.2	95.1	96.8	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.8
59.6	78.6	82.3	88.4	92.7	94.2	96.2	98.0	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.4
59.6	78.6	82.3	88.4	92.8	94.4	96.6	98.4	99.1	99.7	99.8	99.8	99.8	99.9	99.9	100.0
59.6	78.6	82.3	88.4	92.8	94.4	96.6	98.4	99.1	99.7	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

037460 BOSCOMBE DOWN UK 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

22.8	27.6	29.1	29.5	29.7	29.7	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
31.1	37.1	39.1	39.9	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
31.3	37.3	39.2	40.1	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
31.4	37.4	39.3	40.2	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
32.7	39.0	40.9	41.9	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
34.4	41.1	43.2	44.2	44.8	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
35.9	42.9	45.0	46.1	46.7	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
36.2	43.8	46.0	47.2	48.1	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.[illegible]
36.7	44.3	46.4	47.6	48.8	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
37.2	45.1	47.2	48.4	49.6	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
39.3	47.6	49.8	51.0	52.1	52.4	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
45.2	54.1	56.5	58.1	59.2	59.4	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
49.3	58.6	61.0	62.6	63.7	63.9	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
54.4	63.9	66.3	67.9	69.1	69.4	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
56.6	66.4	68.7	70.4	71.5	71.9	72.6	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
60.0	69.8	72.2	73.9	75.0	75.3	76.1	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
64.1	75.1	77.6	79.4	80.7	81.1	81.8	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
68.4	80.0	82.5	84.4	85.8	86.1	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
70.0	82.2	84.6	86.5	87.9	88.2	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
71.5	84.0	86.4	88.5	89.9	90.2	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
72.8	85.9	88.7	90.8	92.3	92.6	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
73.3	86.5	89.3	91.7	93.2	93.5	94.6	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
73.5	86.9	89.7	92.0	93.5	93.8	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
73.5	87.1	89.9	92.4	93.8	94.2	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
73.7	87.4	90.4	92.8	94.3	94.8	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
73.7	87.8	90.8	93.3	94.8	95.4	96.6	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1
73.8	88.3	91.4	93.9	95.7	96.3	97.5	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0
73.8	88.5	91.5	94.2	96.1	96.6	98.1	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7
73.8	88.5	91.5	94.2	96.1	96.7	98.2	98.5	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3
73.8	88.5	91.5	94.3	96.3	97.0	98.5	98.9	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7
73.8	88.5	91.5	94.3	96.3	97.0	98.7	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
73.8	88.5	91.5	94.3	96.3	97.0	98.7	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 892

USAFETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

037460 BOSCOMBE DOWN UK 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

26.3	30.5	30.8	31.4	31.6	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
34.3	41.2	42.0	43.0	43.3	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
34.5	41.4	42.2	43.2	43.6	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
34.5	41.4	42.2	43.2	43.6	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
35.0	42.3	43.1	44.1	44.5	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
36.9	44.7	45.5	46.6	47.0	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
39.4	48.8	49.5	50.7	51.0	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
40.5	50.8	51.6	52.8	53.3	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
41.1	51.4	52.1	53.5	54.0	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
41.9	52.4	53.2	54.6	55.1	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
43.2	54.0	54.7	56.2	56.7	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
50.5	62.3	63.1	64.6	65.2	65.7	65.9	66.0	66.1	66.1	66.1	66.1	66.3	66.3	66.3	66.3
54.0	66.5	67.6	69.2	70.0	70.4	70.9	71.0	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2
57.7	70.4	71.7	73.5	74.3	74.7	75.2	75.3	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5
59.3	72.2	73.5	75.3	76.1	76.7	77.2	77.3	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5
62.8	76.1	77.4	79.2	80.1	80.8	81.3	81.4	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6
65.2	79.3	80.7	82.5	83.4	84.1	84.5	84.7	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9
67.4	82.1	83.7	86.0	87.0	87.8	88.4	88.5	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7
68.4	83.4	85.2	87.5	88.6	89.4	90.0	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
70.1	85.4	87.4	89.6	90.7	91.5	92.1	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
71.6	87.4	89.4	91.8	93.0	93.8	94.4	94.5	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
72.0	87.9	90.2	92.6	93.8	94.6	95.3	95.4	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
72.2	88.3	90.5	92.9	94.1	94.9	95.6	95.7	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
72.2	88.5	90.7	93.1	94.4	95.1	95.8	95.9	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
72.2	88.7	91.0	93.3	94.6	95.5	96.2	96.3	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6
72.3	89.5	91.8	94.1	95.4	96.3	97.1	97.2	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
72.5	89.8	92.1	94.6	95.8	96.7	97.5	97.6	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
72.6	90.1	92.4	95.0	96.4	97.4	98.4	98.5	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
72.6	90.2	92.8	95.4	96.7	97.9	98.9	99.0	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
72.6	90.2	92.9	95.5	96.8	98.0	99.0	99.1	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9
72.6	90.2	92.9	95.5	96.8	98.0	99.0	99.1	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0
72.6	90.2	92.9	95.5	96.8	98.0	99.0	99.1	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

037450 BOSCOMBE DOWN UK 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

27.9	35.1	36.2	37.1	38.0	38.1	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
35.9	45.1	47.0	48.4	49.8	50.2	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
36.0	45.3	47.2	48.6	50.1	50.4	50.7	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
36.0	45.3	47.2	48.6	50.1	50.4	50.7	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
36.5	46.1	48.1	49.5	51.0	51.3	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
37.8	47.9	50.1	51.4	53.5	53.9	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
41.0	51.8	54.0	55.5	57.7	58.2	58.9	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4
41.8	53.0	55.3	56.9	59.1	59.7	60.4	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8
42.0	53.2	55.5	57.1	59.5	60.0	60.7	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
42.1	53.9	56.3	57.9	60.3	60.8	61.5	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
43.7	56.3	58.7	60.4	63.1	63.7	64.4	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8
48.0	61.0	63.6	65.5	68.2	68.9	69.9	70.1	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
50.5	64.2	67.0	68.9	71.7	72.5	73.6	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
51.5	65.9	68.7	70.8	73.7	74.6	75.6	75.8	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2
52.9	67.5	70.4	72.6	75.5	76.4	77.5	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
56.0	71.2	74.1	76.4	79.3	80.2	81.4	81.7	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
58.1	74.0	77.0	79.2	82.3	83.2	84.3	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
60.0	76.4	79.5	81.8	84.9	85.8	86.9	87.5	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9
61.0	77.4	80.6	83.1	86.2	87.2	88.3	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
62.2	78.9	82.2	84.8	87.9	88.9	90.0	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
63.7	80.9	84.2	87.1	90.4	91.7	92.8	93.4	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
64.2	81.5	84.9	87.9	91.3	92.6	93.8	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
64.4	82.1	85.5	88.4	91.8	93.2	94.3	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
64.5	82.2	85.6	88.5	91.9	93.4	94.6	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
64.7	82.6	86.0	89.0	92.5	94.2	95.5	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
64.7	83.0	86.4	89.4	93.0	94.7	96.0	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
64.7	83.2	86.6	90.0	93.6	95.3	96.8	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
64.7	83.5	87.1	90.5	94.2	95.9	97.5	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
64.7	83.5	87.1	90.6	94.4	96.4	98.0	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
64.7	83.7	87.3	90.8	94.8	96.8	98.4	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
64.7	83.7	87.3	90.8	94.8	96.8	98.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
64.7	83.7	87.3	90.8	94.8	96.8	98.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 881

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

03760 BOSCOMBE DOWN UK 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

24.5	37.2	41.3	44.3	45.7	46.5	47.5	47.7	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0
29.1	43.4	48.2	52.0	53.8	55.2	56.3	56.7	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2
29.1	43.4	48.2	52.0	53.8	55.2	56.3	56.7	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2
29.1	43.4	48.2	52.0	53.8	55.2	56.3	56.7	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2
29.3	43.7	48.5	52.4	54.2	55.8	56.9	57.2	57.6	57.7	57.9	57.9	57.9	57.9	57.9	57.9
29.9	44.3	49.2	53.1	54.9	56.4	57.7	58.2	58.6	58.7	58.9	58.9	58.9	58.9	58.9	58.9
31.0	46.1	51.1	55.4	57.6	59.4	61.0	61.8	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5
31.5	46.8	51.7	56.1	58.3	60.1	61.9	62.8	63.2	63.3	63.5	63.5	63.5	63.5	63.5	63.5
31.8	47.3	52.2	56.6	58.8	60.6	62.4	63.3	63.6	63.7	63.9	63.9	63.9	63.9	63.9	63.9
31.9	47.5	52.5	56.9	59.1	60.9	62.7	63.6	63.9	64.1	64.3	64.3	64.4	64.4	64.4	64.4
32.6	48.9	54.1	58.6	60.8	62.8	64.7	65.6	66.0	66.1	66.3	66.3	66.4	66.4	66.4	66.4
34.7	52.4	57.6	62.2	64.4	66.5	68.6	69.7	70.0	70.1	70.3	70.3	70.4	70.4	70.4	70.4
36.1	54.6	59.9	64.6	67.1	69.3	71.4	72.5	72.9	73.0	73.2	73.2	73.3	73.3	73.3	73.3
36.6	55.8	61.5	66.4	69.0	71.2	73.3	74.4	74.8	74.9	75.1	75.1	75.3	75.3	75.3	75.3
37.8	57.4	63.2	68.1	70.7	72.9	75.0	76.0	76.5	76.6	76.8	76.8	76.9	76.9	76.9	76.9
40.4	60.9	67.0	72.3	74.9	77.2	79.3	80.3	80.7	80.9	81.1	81.1	81.2	81.2	81.2	81.2
41.4	62.4	68.6	74.4	77.0	79.4	81.5	82.5	83.0	83.1	83.3	83.3	83.4	83.4	83.4	83.4
43.0	64.7	71.2	76.9	79.6	82.0	84.2	85.3	85.8	85.9	86.1	86.1	86.2	86.2	86.2	86.2
43.2	65.3	71.8	77.5	80.2	82.5	84.8	85.9	86.3	86.5	86.7	86.7	86.8	86.8	86.8	86.8
43.9	66.2	72.7	78.4	81.1	83.4	85.9	87.1	87.6	87.7	87.9	87.9	88.0	88.0	88.0	88.0
45.0	67.3	73.8	79.6	82.3	84.8	87.2	88.5	88.9	89.0	89.2	89.2	89.4	89.4	89.4	89.4
45.8	68.3	74.9	80.7	83.4	85.9	88.4	89.6	90.0	90.1	90.4	90.4	90.5	90.5	90.5	90.5
46.4	68.9	75.5	81.3	84.0	86.7	89.1	90.4	90.8	90.9	91.2	91.2	91.3	91.3	91.3	91.3
46.6	69.4	76.3	82.2	84.9	87.6	90.1	91.4	91.8	91.9	92.2	92.2	92.3	92.3	92.3	92.3
46.7	70.1	76.9	83.0	85.7	88.4	90.9	92.2	92.6	92.7	92.9	92.9	93.1	93.1	93.1	93.1
46.7	70.4	77.7	83.8	86.7	89.6	92.2	93.4	93.8	94.0	94.2	94.2	94.3	94.3	94.3	94.3
46.7	70.5	78.1	84.2	87.3	90.3	92.8	94.1	94.5	94.7	95.0	95.0	95.1	95.1	95.1	95.1
46.8	70.8	78.5	85.1	88.5	91.4	94.0	95.2	95.6	95.9	96.1	96.1	96.2	96.2	96.2	96.2
46.9	71.0	78.7	85.8	89.2	92.5	95.2	96.6	97.1	97.3	97.5	97.5	97.6	97.6	97.6	97.6
46.9	71.1	78.9	86.0	89.5	92.9	95.9	97.6	98.1	98.3	98.5	98.5	98.7	98.7	98.7	98.7
46.9	71.1	78.9	86.0	89.7	93.5	96.4	98.3	98.9	99.1	99.6	99.7	99.9	99.9	99.9	99.9
46.9	71.1	78.9	86.0	89.7	93.5	96.5	98.4	99.0	99.2	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

037460 BOSCOMBE DOWN UK 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

21.3	29.6	31.7	34.3	35.8	36.8	37.4	38.0	38.2	38.4	38.5	38.5	38.7	39.0	39.0	39.3	
27.0	36.7	39.2	42.4	44.2	45.5	46.3	47.1	47.4	47.6	47.7	47.7	48.0	48.3	48.4	48.7	
27.1	36.9	39.4	42.5	44.3	45.7	46.4	47.2	47.5	47.7	47.9	47.9	48.1	48.4	48.5	48.8	
27.1	36.9	39.4	42.6	44.4	45.7	46.5	47.3	47.6	47.8	47.9	47.9	48.1	48.5	48.6	48.9	
27.7	37.6	40.1	43.3	45.1	46.5	47.3	48.1	48.4	48.6	48.7	48.8	49.0	49.3	49.4	49.7	
28.5	38.8	41.4	44.7	46.7	48.1	48.9	49.8	50.1	50.4	50.5	50.6	50.8	51.1	51.2	51.5	
30.1	41.2	43.9	47.4	49.5	50.9	51.8	52.8	53.1	53.4	53.5	53.6	53.8	54.1	54.2	54.6	
30.8	42.2	45.0	48.5	50.8	52.2	53.3	54.3	54.7	55.0	55.1	55.1	55.4	55.7	55.8	56.1	
31.1	42.7	45.4	49.1	51.4	52.8	53.9	54.9	55.3	55.6	55.7	55.7	56.0	56.3	56.4	56.7	
31.4	43.2	45.9	49.6	51.9	53.4	54.5	55.5	55.9	56.2	56.3	56.4	56.6	56.9	57.0	57.4	
32.5	44.9	47.8	51.5	53.9	55.5	56.6	57.6	58.0	58.3	58.4	58.5	58.7	59.1	59.2	59.5	
35.6	48.8	51.8	55.7	58.2	59.8	61.1	62.3	62.7	63.0	63.1	63.1	63.4	63.8	63.9	64.2	
37.6	51.4	54.5	58.5	61.0	62.7	64.0	65.2	65.6	66.0	66.1	66.1	66.4	56.8	66.9	67.2	
39.4	53.6	56.9	61.0	63.5	65.2	66.6	67.8	68.2	68.6	68.7	68.7	69.0	69.4	69.5	69.8	
40.7	55.3	58.6	62.7	65.2	67.0	68.3	69.6	70.0	70.3	70.5	70.5	70.8	71.1	71.2	71.6	
43.3	58.4	61.8	66.0	68.6	70.3	71.7	73.0	73.5	73.8	73.9	74.0	74.3	74.6	74.7	75.0	
45.4	61.1	64.6	68.8	71.5	73.3	74.8	76.1	76.5	76.9	77.0	77.0	77.3	77.7	77.8	78.1	
47.4	63.8	67.4	71.8	74.7	76.5	78.0	79.4	79.9	80.3	80.5	80.5	80.8	81.2	81.3	81.6	
48.2	64.8	68.4	72.9	75.8	77.7	79.2	80.7	81.2	81.6	81.7	81.7	82.1	82.4	82.5	82.9	
49.2	66.3	70.0	74.5	77.5	79.4	81.0	82.5	83.0	83.4	83.5	83.6	83.9	84.2	84.3	84.7	
50.4	68.1	71.9	76.5	79.5	81.6	83.2	84.7	85.2	85.6	85.8	85.8	86.1	86.5	86.6	86.9	
50.9	68.7	72.7	77.5	80.5	82.6	84.3	85.8	86.4	86.8	86.9	87.0	87.3	87.7	87.8	88.1	
51.1	69.2	73.1	78.0	81.0	83.2	84.8	86.4	86.9	87.4	87.5	87.6	87.9	88.3	88.4	88.7	
51.4	69.6	73.7	78.6	81.7	83.9	85.6	87.2	87.8	88.2	88.3	88.4	88.7	89.1	89.2	89.5	
51.5	70.2	74.4	79.4	82.6	84.9	86.6	88.3	88.9	89.3	89.5	89.5	89.8	90.2	90.3	90.7	
51.7	70.9	75.2	80.4	83.8	86.1	87.9	89.7	90.3	90.7	90.9	91.0	91.3	91.7	91.8	92.1	
51.8	71.3	75.7	81.0	84.4	86.9	88.7	90.5	91.2	91.6	91.8	91.9	92.2	92.6	92.7	93.0	
51.9	71.5	76.2	81.7	85.5	87.9	90.0	91.9	92.6	93.1	93.2	93.3	93.6	94.0	94.1	94.4	
51.9	71.8	76.6	82.4	86.4	89.0	91.2	93.3	94.0	94.6	94.8	94.9	95.2	95.6	95.7	96.0	
51.9	71.9	76.8	82.8	87.0	89.8	92.0	94.2	95.1	95.7	95.9	96.0	96.3	96.8	96.9	97.2	
51.9	71.9	76.8	83.0	87.4	90.4	92.7	95.2	96.1	96.9	97.1	97.2	97.6	98.3	98.4	99.0	
51.9	71.9	76.8	83.0	87.4	90.4	92.7	95.2	96.2	97.0	97.3	97.5	97.9	98.8	98.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 7109

USAFETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

037460 BOSCOMBE DOWN UK 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

20.8	29.5	31.6	34.1	36.0	38.3	38.5	40.1	41.1	42.0	42.5	42.5	42.6	43.1	43.5	45.1	
24.5	34.2	36.8	39.7	41.8	44.2	44.4	46.2	47.2	48.4	48.8	48.8	48.9	49.5	49.8	51.6	
24.6	34.3	36.9	39.8	41.9	44.3	44.5	46.3	47.3	48.5	48.9	48.9	49.0	49.6	49.9	51.8	
24.6	34.4	37.0	40.0	42.0	44.4	44.6	46.4	47.4	48.6	49.0	49.0	49.1	49.7	50.1	51.9	
24.7	34.7	37.3	40.3	42.3	44.7	44.9	46.8	47.8	48.9	49.4	49.4	49.5	50.1	50.4	52.2	
24.7	34.8	37.6	40.5	42.6	44.9	45.2	47.0	48.0	49.1	49.6	49.6	49.7	50.3	50.6	52.4	
25.9	36.9	39.6	42.8	44.9	47.3	47.6	49.5	50.5	51.6	52.2	52.2	52.3	52.9	53.2	55.1	
26.6	38.3	41.0	44.3	46.4	48.8	49.0	51.0	52.0	53.1	53.7	53.7	53.8	54.4	54.7	56.5	
26.7	38.5	41.2	44.5	46.7	49.0	49.3	51.2	52.2	53.3	53.9	53.9	54.0	54.6	54.9	56.8	
26.7	38.6	41.3	44.6	46.8	49.1	49.4	51.3	52.3	53.5	54.0	54.0	54.1	54.7	55.1	56.9	
27.7	40.0	42.7	46.0	48.1	50.5	50.7	52.7	53.7	54.8	55.4	55.4	55.5	56.1	56.4	58.2	
28.6	41.8	44.6	48.0	50.3	52.9	53.2	55.4	56.4	57.7	58.2	58.2	58.5	59.0	59.4	61.2	
29.5	42.9	45.7	49.3	51.5	54.4	54.8	57.0	58.1	59.4	59.9	59.9	60.2	60.7	61.1	62.9	
30.2	44.4	47.4	51.1	53.5	56.3	56.8	58.9	60.2	61.4	62.0	62.0	62.2	62.8	63.1	64.9	
30.8	45.5	48.6	52.2	54.7	57.5	58.0	60.2	61.5	62.8	63.3	63.3	63.6	64.1	64.5	66.3	
32.9	48.8	52.0	55.6	58.3	61.2	61.6	63.8	65.2	66.4	67.0	67.0	67.2	67.8	68.1	69.9	
33.4	50.2	53.5	57.2	59.9	62.8	63.2	65.4	66.7	68.0	68.6	68.6	68.8	69.4	69.7	71.5	
34.4	52.0	55.4	59.1	62.1	64.9	65.4	67.5	68.9	70.1	70.7	70.7	71.1	71.6	72.0	73.8	
34.6	52.8	56.3	60.0	63.2	66.1	66.6	68.9	70.3	71.5	72.1	72.1	72.4	73.0	73.3	75.1	
35.4	54.3	58.1	62.0	65.3	68.1	68.7	70.9	72.4	73.7	74.2	74.2	74.6	75.1	75.5	77.3	
36.8	57.2	61.2	65.0	68.4	71.4	72.0	74.3	75.8	77.1	77.6	77.6	78.0	78.5	78.9	80.7	
37.1	58.0	62.4	66.6	70.3	73.2	73.8	76.2	77.6	78.9	79.5	79.5	79.8	80.4	80.7	82.5	
37.8	59.4	63.8	68.1	71.9	74.9	75.5	77.9	79.3	80.7	81.3	81.3	81.6	82.2	82.5	84.3	
38.1	60.0	64.5	68.9	72.6	75.7	76.4	79.1	80.7	82.1	82.6	82.6	83.0	83.5	83.9	85.7	
38.6	61.3	65.8	70.3	74.1	77.3	78.0	80.7	82.3	83.8	84.3	84.3	84.7	85.2	85.6	87.4	
38.6	61.5	66.2	70.8	74.9	78.2	78.9	81.8	83.4	84.9	85.5	85.5	85.8	86.4	86.7	88.5	
38.7	62.0	66.7	71.9	75.9	79.2	79.9	83.0	84.7	86.2	86.7	86.7	87.1	87.6	88.0	89.8	
38.9	62.8	67.8	73.1	77.6	80.9	81.7	85.2	87.1	88.5	89.1	89.1	89.4	90.0	90.4	92.2	
38.9	63.0	68.1	73.9	78.8	82.1	83.1	87.3	89.6	91.1	91.7	91.7	92.1	92.6	93.0	94.8	
38.9	63.1	68.3	74.3	79.5	82.7	83.8	88.1	90.5	92.2	92.7	92.7	93.2	93.9	94.2	96.0	
38.9	63.2	68.4	74.7	79.8	83.2	84.4	89.1	91.8	93.5	94.3	94.4	94.9	95.8	96.3	98.2	
38.9	63.2	68.4	74.7	79.8	83.2	84.4	89.2	91.9	93.6	94.6	94.8	95.3	96.6	97.2	100.0	

TOTAL NUMBER OF OBSERVATIONS 881

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7760 BOSCOMBE DOWN UK 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

17.5	24.8	27.6	29.9	30.7	32.6	33.9	34.8	35.9	36.4	36.5	36.6	37.2	39.1	40.0	41.8
20.0	28.0	30.8	33.4	34.3	36.5	37.7	39.0	40.2	40.7	40.8	40.9	41.5	43.8	44.7	46.9
20.0	28.0	30.8	33.4	34.3	36.5	37.7	39.0	40.2	40.7	40.8	40.9	41.5	43.8	44.7	46.9
20.0	28.0	30.8	33.4	34.3	36.5	37.7	39.0	40.2	40.7	40.8	40.9	41.5	43.8	44.7	46.9
20.3	28.3	31.1	33.8	34.7	36.8	38.1	39.3	40.6	41.0	41.1	41.3	41.8	44.1	45.0	47.3
20.9	29.1	32.0	34.7	35.6	37.7	39.0	40.2	41.5	41.9	42.0	42.2	42.7	45.1	46.0	48.3
21.8	30.9	34.0	36.7	37.6	40.0	41.3	42.5	43.8	44.3	44.5	44.7	45.2	47.6	48.5	50.8
22.0	31.3	34.3	37.2	38.1	40.5	41.8	43.2	44.4	45.0	45.3	45.5	46.0	48.4	49.3	51.6
22.0	31.3	34.3	37.2	38.1	40.6	41.9	43.3	44.5	45.1	45.5	45.6	46.1	48.5	49.4	51.7
22.4	31.7	34.8	37.6	38.5	41.0	42.4	43.8	45.0	45.6	45.9	46.0	46.6	49.0	49.9	52.2
22.5	32.2	35.3	38.2	39.1	41.6	43.0	44.3	45.6	46.1	46.5	46.6	47.2	49.5	50.5	52.7
24.2	34.2	37.7	41.3	42.4	44.9	46.3	47.7	49.2	49.8	50.1	50.2	50.8	53.3	54.2	56.5
25.1	35.6	39.1	42.7	43.9	46.6	48.0	49.4	50.9	51.5	51.8	51.9	52.5	55.0	55.9	58.2
25.8	37.0	40.6	44.2	45.5	48.2	49.5	51.0	52.5	53.1	53.4	53.5	54.1	56.6	57.5	59.8
27.0	38.6	42.2	45.9	47.3	50.0	51.4	52.8	54.3	54.9	55.2	55.3	55.9	58.4	59.3	61.6
28.9	41.1	44.7	48.4	49.9	52.6	54.0	55.6	57.0	57.6	58.0	58.1	58.6	61.1	62.0	64.3
29.8	42.5	46.0	49.9	51.5	54.3	55.7	57.3	58.8	59.3	59.7	59.8	60.5	63.0	63.9	66.1
30.9	44.7	48.3	52.4	54.1	56.9	58.3	59.9	61.4	61.9	62.3	62.4	63.1	65.6	66.5	68.8
31.4	45.3	49.0	53.5	55.5	58.3	59.7	61.3	62.7	63.3	63.6	63.8	64.4	66.9	67.8	70.1
32.3	47.0	50.9	55.8	57.8	60.7	62.2	63.9	65.3	65.9	66.3	66.4	67.0	69.5	70.5	72.7
33.3	49.9	53.9	59.0	61.1	64.0	65.5	67.2	68.6	69.2	69.5	69.7	70.3	72.8	73.8	76.1
34.0	51.0	55.2	60.6	62.8	65.8	67.3	69.2	70.7	71.4	71.7	71.8	72.5	75.0	75.9	78.3
34.5	52.4	56.8	62.2	64.4	67.4	68.9	70.8	72.3	73.0	73.3	73.4	74.1	76.6	77.5	79.9
34.9	53.2	57.7	63.4	65.7	68.8	70.3	72.3	73.8	74.4	74.8	74.9	75.6	78.1	79.0	81.4
35.1	54.3	59.0	64.7	66.9	70.1	71.7	73.9	75.3	76.1	76.5	76.6	77.3	79.8	80.7	83.1
35.1	55.0	59.8	65.8	68.2	71.6	73.2	75.5	76.9	77.7	78.1	78.2	79.0	81.5	82.4	84.8
35.1	55.2	60.5	66.9	69.5	73.0	74.5	77.2	78.8	79.5	79.9	80.0	80.8	83.3	84.2	86.6
35.3	56.4	61.9	68.5	71.3	75.0	76.6	79.3	80.9	81.8	82.2	82.3	83.1	85.6	86.5	88.9
35.3	56.7	62.7	69.7	72.4	76.5	78.2	81.4	83.0	83.9	84.2	84.3	85.1	87.6	88.5	90.9
35.3	56.7	63.0	70.1	73.0	77.3	79.5	82.8	84.8	85.8	86.1	86.3	87.0	89.5	90.5	92.8
35.3	56.7	63.0	70.2	73.3	77.7	80.3	83.9	86.0	87.3	87.6	87.7	88.5	91.4	92.4	95.5
35.3	56.7	63.0	70.2	73.3	77.8	80.5	84.1	86.6	88.2	88.6	88.9	89.9	93.6	95.0	100.0

TOTAL NUMBER OF OBSERVATIONS 880

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

37860 BOSCOMBE DOWN UK 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

14.4	19.0	20.4	22.1	22.9	23.6	24.5	26.6	27.2	27.9	27.9	28.0	28.5	29.6	30.0	32.1
20.4	26.0	27.9	30.3	31.7	32.9	34.0	36.3	36.9	37.8	37.9	38.1	38.9	40.6	40.9	43.4
20.6	26.3	28.1	30.5	31.9	33.2	34.2	36.5	37.1	38.0	38.1	38.4	39.2	40.8	41.1	43.7
20.6	26.3	28.1	30.6	32.0	33.3	34.3	36.6	37.2	38.1	38.2	38.5	39.3	40.9	41.2	43.8
21.0	26.6	28.5	31.0	32.4	33.6	34.7	37.0	37.6	38.5	38.7	38.9	39.7	41.4	41.7	44.2
21.8	27.5	29.5	32.3	33.9	35.1	36.3	38.6	39.2	40.1	40.3	40.6	41.4	43.1	43.4	46.0
23.0	29.5	31.5	34.4	36.1	37.3	38.6	40.9	41.5	42.5	42.9	43.1	43.9	45.6	46.0	48.5
24.1	31.0	32.9	36.2	37.9	39.2	40.4	42.7	43.3	44.4	44.7	44.9	45.7	47.5	47.8	50.3
24.1	31.0	32.9	36.3	38.0	39.3	40.6	43.0	43.7	44.7	45.0	45.3	46.1	47.8	48.2	50.7
24.1	31.2	33.2	36.5	38.2	39.5	40.8	43.2	43.9	44.9	45.4	45.6	46.4	48.2	48.5	51.0
24.4	31.9	34.0	37.3	39.1	40.3	41.6	44.0	44.7	45.9	46.3	46.5	47.4	49.1	49.4	52.0
26.2	34.6	37.2	40.7	42.4	43.7	45.0	47.7	48.5	49.7	50.2	50.5	51.3	53.0	53.3	55.9
27.0	35.6	38.4	41.9	43.9	45.3	46.8	49.4	50.2	51.4	52.0	52.3	53.1	54.8	55.2	57.8
27.9	36.8	39.5	43.2	45.2	46.5	48.0	50.7	51.6	52.8	53.3	53.7	54.5	56.2	56.6	59.2
28.7	38.0	40.9	44.5	46.5	47.9	49.4	52.1	53.0	54.1	54.7	55.1	55.9	57.6	57.9	60.6
30.1	39.9	42.6	46.4	48.6	50.0	51.5	54.1	55.1	56.2	56.8	57.1	58.1	59.8	60.3	62.9
32.3	42.7	45.5	49.4	51.6	53.0	54.6	57.3	58.2	59.3	59.9	60.3	61.2	62.9	63.4	66.0
33.5	44.4	47.4	51.5	53.7	55.1	56.7	59.3	60.5	61.6	62.2	62.6	63.6	65.3	65.8	68.4
34.2	45.4	48.5	52.8	55.0	56.3	58.1	60.7	61.9	63.0	63.6	63.9	65.0	66.7	67.2	69.8
35.4	46.9	50.0	54.3	56.5	57.8	59.8	62.4	63.6	64.9	65.4	65.8	66.8	68.5	69.0	71.7
36.6	49.2	52.8	57.5	59.8	61.3	63.4	66.0	67.2	68.4	69.0	69.4	70.4	72.1	72.6	75.2
37.6	50.5	54.3	59.0	61.5	63.4	65.7	68.3	69.5	70.7	71.3	71.7	72.7	74.4	74.9	77.5
37.9	51.4	55.2	59.9	62.4	64.3	66.6	69.2	70.4	71.7	72.2	72.6	73.6	75.3	75.8	78.5
38.4	52.1	55.9	60.6	63.4	65.3	67.6	70.5	71.7	72.9	73.5	73.8	74.9	76.6	77.1	79.7
38.8	52.9	56.8	61.9	64.9	67.3	69.7	72.6	73.7	75.0	75.6	75.9	77.0	78.7	79.1	81.8
39.5	54.1	58.1	63.5	66.7	69.2	71.8	74.7	75.8	77.1	77.8	78.2	79.3	81.0	81.5	84.1
39.6	54.6	58.6	64.6	68.1	70.9	73.5	76.4	77.5	78.8	79.5	80.0	81.0	82.7	83.2	85.8
39.6	55.1	59.3	65.7	69.2	72.2	75.0	78.1	79.3	80.5	81.2	81.7	82.7	84.4	84.9	87.6
39.9	55.6	59.9	66.6	70.4	73.5	76.3	79.8	81.2	82.5	83.2	83.6	84.7	86.4	86.9	89.5
39.9	56.0	60.3	67.4	71.7	74.9	78.1	82.1	83.8	85.6	86.3	86.8	87.8	89.5	90.0	92.6
39.9	56.0	60.3	67.6	72.0	75.2	78.8	82.9	84.7	87.0	88.1	88.7	90.1	92.5	93.2	96.2
39.9	56.0	60.3	67.6	72.0	75.2	78.8	83.1	84.8	87.2	88.4	88.9	90.6	94.2	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS 868

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

03450 BOSCOMBE DOWN UK 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

18.7	22.6	24.3	25.9	26.6	26.8	27.0	27.4	27.6	27.8	27.8	27.8	27.9	27.9	27.9	27.9
28.9	34.9	37.4	39.1	40.0	40.3	40.4	40.8	41.1	41.2	41.2	41.2	41.3	41.3	41.3	41.3
28.9	34.9	37.4	39.1	40.0	40.3	40.4	40.8	41.1	41.2	41.2	41.2	41.3	41.3	41.3	41.3
28.9	34.9	37.4	39.1	40.0	40.3	40.4	40.8	41.1	41.2	41.2	41.2	41.3	41.3	41.3	41.3
29.5	35.6	38.1	39.9	40.8	41.2	41.3	41.8	42.0	42.1	42.1	42.1	42.2	42.2	42.2	42.2
30.8	37.2	39.8	42.0	42.9	43.3	43.6	44.0	44.3	44.4	44.4	44.4	44.5	44.5	44.5	44.5
33.1	39.9	42.5	44.9	45.8	46.3	46.6	47.1	47.3	47.4	47.4	47.4	47.6	47.6	47.6	47.6
34.1	41.3	43.9	46.3	47.2	47.9	48.4	48.8	49.0	49.1	49.1	49.1	49.3	49.3	49.3	49.3
34.2	41.4	44.0	46.5	47.4	48.1	48.6	49.1	49.4	49.5	49.5	49.5	49.6	49.6	49.6	49.6
34.4	41.5	44.1	46.6	47.7	48.4	48.8	49.4	49.6	49.7	49.7	49.7	49.8	49.8	49.8	49.8
35.6	42.9	45.5	48.4	49.4	50.1	50.5	51.2	51.4	51.5	51.5	51.5	51.6	51.6	51.6	51.6
37.0	44.6	47.3	50.2	51.3	52.0	52.6	53.5	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9
39.5	47.9	51.1	54.2	55.4	56.1	56.8	57.7	57.9	58.0	58.0	58.0	58.1	58.1	58.1	58.1
42.0	50.9	54.2	57.3	58.6	59.3	60.0	60.9	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3
42.5	51.6	54.9	58.1	59.4	60.1	60.8	61.7	61.9	62.1	62.1	62.1	62.2	62.2	62.2	62.2
43.2	52.6	55.9	59.2	60.4	61.1	61.8	62.8	63.0	63.4	63.4	63.4	63.5	63.5	63.5	63.5
46.4	56.1	59.4	62.8	64.2	64.8	65.5	66.6	66.8	67.1	67.1	67.1	67.2	67.2	67.2	67.2
49.7	60.2	63.6	67.1	68.7	69.5	70.2	71.2	71.4	71.8	71.8	71.8	71.9	71.9	71.9	71.9
51.6	62.3	65.9	69.4	71.1	71.9	72.6	73.6	73.8	74.2	74.2	74.2	74.3	74.3	74.3	74.3
53.9	65.1	68.7	72.5	74.2	75.1	75.8	76.8	77.0	77.4	77.4	77.4	77.5	77.5	77.5	77.5
57.5	69.3	73.3	77.6	79.4	80.3	81.0	82.0	82.3	82.6	82.6	82.6	82.7	82.7	82.7	82.7
58.7	71.0	75.3	80.0	82.1	83.2	83.8	84.9	85.1	85.4	85.4	85.4	85.6	85.6	85.6	85.6
58.8	71.8	76.2	80.9	83.0	84.1	84.8	85.8	86.0	86.3	86.3	86.3	86.5	86.5	86.5	86.5
59.4	73.2	77.7	82.9	85.2	86.6	87.3	88.3	88.5	88.9	88.9	88.9	89.0	89.0	89.0	89.0
59.7	74.2	79.0	84.4	86.8	88.2	88.9	90.0	90.2	90.6	90.6	90.6	90.7	90.7	90.7	90.7
60.2	75.2	80.2	85.9	88.5	90.0	90.8	92.2	92.4	92.7	92.7	92.7	92.8	92.8	92.8	92.8
60.5	76.1	81.1	86.9	89.8	91.2	92.0	93.5	93.7	94.1	94.1	94.1	94.2	94.2	94.2	94.2
60.5	76.3	81.3	87.3	90.3	91.8	93.2	95.0	95.2	95.6	95.6	95.6	95.7	95.7	95.7	95.7
60.5	76.6	81.7	87.6	91.1	92.8	94.4	96.6	96.8	97.2	97.2	97.2	97.3	97.3	97.3	97.3
60.5	76.7	81.8	88.2	91.7	93.4	95.2	97.7	98.1	98.5	98.6	98.6	98.7	98.7	98.7	98.7
60.5	76.7	81.8	88.2	91.9	93.7	95.6	98.3	98.7	99.2	99.3	99.4	99.5	99.5	99.7	99.7
60.5	76.7	81.8	88.2	91.9	93.7	95.6	98.3	98.7	99.2	99.3	99.4	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 879

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

37467 BOSCOMBE DOWN UK 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

19.7	24.1	24.4	25.1	25.4	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
33.9	40.3	40.7	41.4	41.7	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
34.0	40.4	40.8	41.5	41.8	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
34.1	40.5	40.9	41.6	41.9	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
35.5	41.9	42.3	43.0	43.3	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
37.2	43.8	44.1	44.8	45.1	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
41.2	48.3	48.7	49.5	49.8	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
42.6	49.9	50.3	51.1	51.5	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
42.9	50.2	50.5	51.4	51.9	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
43.2	50.5	50.9	51.8	52.3	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
44.3	51.7	52.0	52.9	53.5	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
49.5	57.6	58.1	59.1	59.8	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
52.3	61.5	62.1	63.2	63.9	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
56.9	66.4	67.0	68.2	68.8	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
58.8	68.5	69.1	70.2	70.9	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
61.5	71.5	72.2	73.4	74.1	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
65.8	76.5	77.2	78.6	79.3	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
69.8	81.9	82.7	84.2	84.9	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
71.4	83.8	84.8	86.3	86.9	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
72.5	85.3	86.5	88.1	88.9	89.3	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
74.3	88.0	89.3	91.2	92.2	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
75.1	88.9	90.3	92.7	93.8	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
75.3	89.2	90.6	93.0	94.4	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
76.1	90.1	91.6	94.0	95.8	96.4	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
76.5	90.8	92.3	94.7	96.6	97.3	97.5	97.8	97.8	97.8	97.8	97.6	97.8	97.8	97.8	97.8
76.7	91.2	92.8	95.2	97.1	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
76.9	91.4	93.0	95.8	97.7	98.5	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
76.9	91.4	93.0	95.8	97.7	98.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
76.9	91.4	93.0	95.8	97.7	98.6	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
76.9	91.4	93.0	95.8	97.7	98.7	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
76.9	91.4	93.0	95.8	97.7	98.7	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
76.9	91.4	93.0	95.8	97.7	98.7	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 873

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] LOSCOMBE DOWN UK 73-82 SEP

SEE ENTIRE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS 1500-1700

16.4	22.5	23.7	23.5	24.7	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
34.1	42.4	42.9	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
34.1	42.4	42.9	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
34.1	42.4	42.9	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
35.4	44.1	44.6	45.2	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
38.0	47.6	48.1	48.8	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
41.1	51.2	51.9	52.4	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
42.3	52.7	53.2	53.9	54.6	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
42.8	53.1	53.7	54.4	55.1	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
43.3	53.7	54.3	54.9	55.6	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
44.8	55.7	56.3	57.0	57.8	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
51.3	62.9	63.6	64.5	65.5	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
55.9	68.0	68.8	70.0	71.0	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
56.7	71.4	72.4	73.5	74.6	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
59.5	72.5	73.4	74.5	75.7	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
62.1	75.1	76.0	77.1	78.3	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
65.3	79.0	80.1	81.2	82.5	82.8	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
67.1	82.5	83.8	85.0	86.3	86.6	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
68.6	84.1	85.4	86.8	88.3	88.7	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
69.1	84.9	86.2	87.6	89.4	89.9	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
70.4	86.5	88.1	90.1	92.3	92.7	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
70.6	87.0	88.7	91.0	93.3	93.9	94.3	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
70.8	87.5	89.3	91.9	94.2	94.8	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
70.9	87.6	89.5	92.2	94.5	95.1	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
71.1	88.3	90.2	92.8	95.2	95.8	96.2	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
71.2	88.4	90.3	93.1	95.7	96.2	96.7	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
71.3	88.7	90.7	93.4	96.0	96.6	97.0	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
71.3	88.9	90.8	93.5	96.2	96.9	97.5	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
71.6	89.2	91.1	94.0	96.7	97.5	98.1	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
71.6	89.2	91.1	94.2	96.9	98.0	98.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.6	89.2	91.1	94.2	96.9	98.0	98.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.6	89.2	91.1	94.2	96.9	98.0	98.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 879

USAFETAC [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

19.9	28.1	30.1	31.9	32.7	33.1	33.1	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
32.6	44.0	46.6	48.7	49.5	50.1	50.1	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8
32.7	44.1	46.7	48.9	49.7	50.2	50.2	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9
32.7	44.1	46.7	48.9	49.7	50.2	50.2	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9
33.6	45.1	47.9	50.2	51.0	51.6	51.6	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
35.4	47.4	50.2	52.5	53.3	53.9	53.9	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6
36.5	51.5	54.3	56.7	57.6	58.2	58.2	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9
38.8	52.4	55.4	57.9	58.8	59.3	59.5	60.0	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4
39.1	53.1	56.0	58.5	59.6	60.1	60.4	60.9	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3
39.2	53.2	56.2	58.7	59.7	60.3	60.5	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4
40.1	54.1	57.2	59.7	60.8	61.4	61.6	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5
43.6	58.5	61.6	64.4	66.4	67.2	67.4	68.0	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3
45.4	61.2	64.4	67.7	69.8	70.6	71.0	71.5	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9
47.2	63.4	66.7	70.6	72.8	73.6	73.9	74.5	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8
47.7	64.4	67.8	71.6	73.8	74.6	75.1	75.6	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0
51.0	68.8	72.3	76.5	78.7	79.6	80.1	80.6	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0
52.8	71.6	75.5	80.0	82.2	83.1	83.6	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7
53.8	73.1	77.3	81.9	84.2	85.1	85.5	86.3	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7
54.1	73.7	77.9	82.7	85.1	86.1	86.7	87.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
54.4	74.5	78.8	83.6	86.3	87.4	88.0	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
55.0	75.7	80.3	85.4	88.2	89.3	90.0	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
55.2	76.7	81.2	86.4	89.3	90.4	91.1	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
55.5	77.0	81.7	86.9	90.0	91.1	91.5	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
55.5	77.4	82.6	88.0	91.5	92.7	93.4	94.6	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
55.7	78.0	83.1	88.6	92.1	93.5	94.2	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
55.8	78.5	83.8	89.4	92.9	94.3	95.1	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
55.9	78.7	84.1	89.6	93.2	94.6	95.6	96.8	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
55.9	78.8	84.2	89.7	93.3	94.8	95.7	97.0	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
55.9	78.9	84.4	90.0	93.6	95.2	96.1	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
55.9	79.0	84.5	90.1	93.8	95.8	96.8	98.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
55.9	79.0	84.5	90.1	93.8	95.8	96.8	98.6	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
55.9	79.0	84.5	90.1	93.8	95.8	96.8	98.6	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 878

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

3746 BOSCOMBE DOWN UK 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

23.5	31.3	33.9	37.2	38.6	39.6	40.2	42.1	42.7	42.8	42.9	42.9	43.2	43.3	43.3	43.5
28.0	36.7	42.2	46.2	47.6	48.7	49.4	51.3	51.9	52.0	52.1	52.1	52.4	52.6	52.6	52.7
28.0	38.7	42.2	46.2	47.6	48.7	49.4	51.3	51.9	52.0	52.1	52.1	52.4	52.6	52.6	52.7
28.0	38.7	42.2	46.2	47.6	48.7	49.4	51.3	51.9	52.0	52.1	52.1	52.4	52.6	52.6	52.7
28.6	39.2	42.9	47.0	48.5	49.6	50.3	52.2	52.8	52.9	53.0	53.0	53.4	53.5	53.5	53.6
29.5	40.4	44.1	48.4	49.8	51.0	51.6	53.6	54.2	54.3	54.4	54.4	54.7	54.8	54.8	54.9
30.7	42.2	46.0	50.3	51.8	52.9	53.6	55.5	56.1	56.2	56.3	56.3	56.7	56.8	56.8	56.9
32.2	44.4	48.5	52.9	54.4	55.5	56.2	58.1	58.8	58.9	59.2	59.2	59.5	59.6	59.6	59.7
32.3	44.5	48.6	53.0	54.5	55.6	56.3	58.2	58.9	59.0	59.3	59.3	59.6	59.7	59.7	59.8
32.3	44.7	48.8	53.2	54.7	55.9	56.5	58.5	59.2	59.3	59.5	59.5	59.8	60.0	60.0	60.1
33.6	46.5	50.7	55.3	56.8	57.9	58.6	60.5	61.2	61.3	61.5	61.5	61.9	62.0	62.0	62.1
35.8	49.7	54.6	59.3	61.0	62.2	62.9	64.8	65.5	65.6	65.9	65.9	66.2	66.3	66.3	66.4
37.1	51.5	56.4	61.4	63.1	64.4	65.1	67.0	67.7	67.8	68.0	68.0	68.4	68.5	68.5	68.6
38.3	53.4	58.2	63.3	65.0	66.2	66.9	68.9	69.6	69.7	70.0	70.0	70.3	70.4	70.4	70.5
38.7	54.2	59.7	64.4	66.2	67.5	68.1	70.2	71.1	71.2	71.4	71.4	71.8	71.9	71.9	72.0
39.7	56.2	61.4	66.9	68.8	70.2	71.0	73.2	74.1	74.2	74.4	74.4	74.7	74.9	74.9	75.0
41.3	58.1	63.4	68.8	70.9	72.2	73.0	75.2	76.1	76.2	76.5	76.5	76.8	76.9	76.9	77.0
42.5	60.3	65.9	71.3	73.5	75.0	75.8	77.9	78.8	79.1	79.3	79.3	79.6	79.7	79.7	79.9
43.0	61.3	66.9	72.4	74.5	76.0	76.8	79.1	80.1	80.3	80.5	80.5	80.9	81.0	81.0	81.1
43.2	62.0	67.9	73.4	75.5	77.0	77.9	80.3	81.3	81.6	81.8	81.8	82.1	82.3	82.3	82.4
43.9	64.1	70.1	75.9	78.2	80.0	80.9	83.4	84.4	84.6	84.9	84.9	85.2	85.3	85.3	85.4
44.6	65.4	71.4	77.5	79.7	81.6	82.6	85.3	86.3	86.6	86.8	86.8	87.1	87.3	87.3	87.4
44.6	65.6	71.7	77.8	80.2	82.0	83.0	85.9	86.9	87.1	87.4	87.4	87.7	87.8	87.8	87.9
44.6	66.1	72.4	78.5	81.3	83.2	84.2	87.3	88.3	88.5	88.7	88.7	89.1	89.2	89.2	89.3
44.8	67.1	73.5	79.7	82.6	84.6	85.9	89.0	90.0	90.2	90.4	90.4	90.8	90.9	90.9	91.0
45.4	67.9	74.3	80.7	83.6	86.0	87.3	90.3	91.4	91.6	91.8	91.8	92.2	92.3	92.3	92.4
45.6	68.3	74.9	81.7	84.6	87.0	88.3	91.4	92.4	92.6	92.8	92.8	93.2	93.3	93.3	93.4
45.6	68.5	75.3	82.4	85.6	88.1	89.5	92.8	94.1	94.3	94.5	94.5	94.9	95.0	95.0	95.1
45.6	68.5	75.3	82.7	86.1	88.6	90.1	93.4	94.7	94.9	95.1	95.1	95.6	95.7	95.8	96.9
45.6	68.6	75.4	83.4	86.8	89.3	91.0	94.5	96.0	96.4	96.6	96.6	97.2	97.3	97.4	97.6
45.6	68.6	75.4	83.4	86.8	89.3	91.0	94.8	96.6	97.3	97.6	97.6	98.4	98.5	98.6	99.0
45.6	68.6	75.4	83.4	86.8	89.3	91.0	95.0	96.8	97.5	98.0	98.1	98.9	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 879

[illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74 50 BOSCOMBE DOWN UK 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

18.9	25.3	26.9	28.7	29.6	30.5	30.9	31.8	32.3	32.5	32.6	32.7	32.9	33.3	33.5	34.2
27.8	36.1	38.2	40.3	41.3	42.3	42.6	43.8	44.3	44.6	44.7	44.8	45.0	45.6	45.8	46.6
27.9	36.1	38.2	40.4	41.4	42.4	42.8	43.9	44.3	44.7	44.8	44.8	45.1	45.6	45.8	46.7
27.9	36.2	38.3	40.4	41.5	42.5	42.9	43.9	44.4	44.7	44.8	44.9	45.1	45.7	45.9	46.7
28.6	37.0	39.1	41.3	42.4	43.4	43.8	44.8	45.3	45.6	45.8	45.6	46.0	46.6	46.8	47.7
29.8	38.5	40.7	43.0	44.1	45.1	45.6	46.6	47.1	47.4	47.5	47.6	47.8	48.4	48.6	49.5
31.9	41.3	43.6	46.0	47.1	48.2	48.7	49.7	50.2	50.6	50.7	50.8	51.0	51.6	51.8	52.6
32.8	42.7	44.9	47.5	48.6	49.8	50.3	51.4	51.9	52.3	52.4	52.5	52.7	53.3	53.5	54.4
33.0	42.9	45.2	47.7	48.9	50.0	50.6	51.7	52.2	52.6	52.8	52.8	53.1	53.7	53.9	54.7
33.2	43.2	45.4	48.0	49.2	50.3	50.9	52.0	52.5	52.9	53.1	53.2	53.4	54.0	54.2	55.0
34.1	44.4	46.7	49.4	50.6	51.7	52.3	53.4	53.9	54.3	54.5	54.6	54.8	55.4	55.6	56.4
37.0	48.0	50.6	53.4	54.9	56.1	56.7	58.0	58.5	58.9	59.1	59.2	59.4	60.1	60.3	61.1
39.0	50.5	53.3	56.3	57.8	59.1	59.8	61.0	61.6	62.0	62.2	62.3	62.5	63.2	63.4	64.2
40.9	53.0	55.8	58.9	60.5	61.8	62.5	63.7	64.3	64.7	64.9	65.0	65.3	65.9	66.1	66.9
41.7	54.2	57.0	60.2	61.8	63.1	63.8	65.1	65.7	66.1	66.3	66.4	66.7	67.3	67.5	68.3
43.7	56.7	59.6	63.0	64.7	66.0	66.7	68.0	68.6	69.1	69.3	69.3	69.6	70.2	70.4	71.3
45.9	59.6	62.6	66.0	67.8	69.1	69.8	71.2	71.8	72.2	72.5	72.5	72.8	73.4	73.6	74.5
47.7	62.4	65.6	69.1	70.9	72.3	73.1	74.4	75.1	75.6	75.8	75.8	76.1	76.8	77.0	77.8
48.6	63.6	66.8	70.5	72.5	73.9	74.6	76.0	76.7	77.2	77.4	77.4	77.8	78.4	78.6	79.4
49.5	65.0	68.4	72.2	74.2	75.7	76.5	77.9	78.6	79.1	79.3	79.4	79.7	80.3	80.5	81.4
51.0	67.5	71.1	75.2	77.5	79.0	79.8	81.3	82.0	82.5	82.7	82.7	83.1	83.7	83.9	84.8
51.6	68.6	72.4	76.7	79.1	80.7	81.7	83.2	83.9	84.4	84.6	84.7	85.0	85.6	85.8	86.7
51.9	69.3	73.2	77.6	80.1	81.7	82.6	84.2	84.9	85.4	85.6	85.7	86.0	86.6	86.8	87.7
52.2	70.0	74.0	78.6	81.3	83.0	83.9	85.6	86.3	86.9	87.1	87.1	87.4	88.1	88.3	89.1
52.5	70.9	75.0	79.6	82.4	84.3	85.3	87.0	87.7	88.3	88.5	88.5	88.9	89.5	89.7	90.6
52.8	71.5	75.7	80.5	83.5	85.4	86.5	88.3	89.1	89.6	89.8	89.9	90.2	90.8	91.1	91.9
53.0	71.9	76.2	81.4	84.4	86.4	87.5	89.4	90.2	90.7	90.9	91.0	91.3	91.9	92.2	93.0
53.0	72.3	76.7	82.0	85.2	87.3	88.5	90.6	91.5	92.0	92.3	92.3	92.7	93.3	93.5	94.4
53.1	72.5	77.0	82.5	85.9	88.1	89.4	91.9	92.8	93.4	93.6	93.7	94.0	94.7	94.9	95.8
53.1	72.6	77.2	82.9	86.4	88.8	90.3	92.9	94.0	94.8	95.0	95.1	95.4	96.1	96.3	97.2
53.1	72.6	77.2	83.0	86.5	89.0	90.6	93.4	94.6	95.5	95.9	96.0	96.4	97.2	97.5	98.5
53.1	72.6	77.2	83.0	86.5	89.0	90.6	93.5	94.8	95.7	96.1	96.3	96.8	97.9	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7017

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

16.8	24.9	26.4	28.4	30.1	31.3	31.9	33.1	34.0	34.4	34.5	34.6	34.9	35.4	35.6	37.6
20.3	30.2	32.8	35.2	37.1	38.7	39.7	41.0	41.9	42.3	42.5	42.6	42.8	43.3	43.5	45.5
20.5	30.4	33.0	35.4	37.4	38.9	40.0	41.3	42.1	42.6	42.7	42.8	43.0	43.5	43.8	45.7
20.5	30.4	33.0	35.4	37.4	38.9	40.0	41.3	42.1	42.6	42.7	42.8	43.0	43.5	43.8	45.7
20.6	30.5	33.2	35.6	37.6	39.1	40.2	41.5	42.3	42.8	42.9	43.0	43.2	43.8	44.0	45.9
21.3	31.5	34.4	36.9	38.9	40.4	41.5	42.8	43.6	44.1	44.2	44.3	44.5	45.1	45.3	47.2
21.9	33.0	35.9	38.4	40.4	41.9	43.1	44.4	45.3	45.7	45.8	45.9	46.1	46.7	46.9	48.9
22.0	33.6	36.5	39.2	41.3	42.9	44.2	45.5	46.4	46.8	46.9	47.0	47.2	47.8	48.0	49.9
22.1	34.0	36.9	39.6	41.7	43.3	44.6	45.9	46.8	47.2	47.3	47.4	47.7	48.2	48.4	50.4
22.1	34.2	37.1	39.8	42.0	43.6	45.0	46.3	47.1	47.6	47.7	47.8	48.0	48.5	48.8	50.7
22.9	35.4	38.4	41.5	43.9	45.6	46.9	48.2	49.1	49.6	49.7	49.8	50.1	50.6	50.8	52.9
24.0	38.0	41.4	44.8	47.6	49.3	50.6	52.1	53.2	53.7	54.0	54.1	54.3	54.8	55.0	57.1
24.5	39.4	42.8	46.5	49.3	51.0	52.3	54.0	55.2	55.7	55.9	56.0	56.2	56.8	57.0	59.1
25.7	40.9	44.3	48.1	51.0	52.8	54.1	55.8	57.0	57.5	57.8	57.9	58.1	58.6	58.8	60.9
26.5	42.3	45.5	49.3	52.2	54.0	55.3	57.0	58.2	58.7	59.1	59.2	59.4	59.9	60.2	62.2
26.7	44.5	48.3	52.4	55.5	57.3	58.6	60.4	61.6	62.1	62.4	62.5	62.8	63.3	63.5	65.6
29.6	46.7	50.7	54.8	58.1	59.9	61.2	63.0	64.2	64.7	65.0	65.1	65.4	65.9	66.1	68.2
30.7	48.9	53.4	58.1	61.6	63.6	65.0	67.0	68.2	68.7	69.1	69.2	69.4	70.0	70.2	72.3
31.3	49.9	54.6	59.4	62.9	65.3	66.7	68.7	70.0	70.6	70.9	71.0	71.2	72.0	72.2	74.3
31.8	51.4	56.2	61.3	64.8	67.2	68.6	71.1	72.4	73.0	73.3	73.4	73.6	74.4	74.6	76.8
33.2	53.3	58.4	63.6	67.2	69.7	71.3	74.4	75.8	76.3	76.7	76.8	77.0	77.9	78.1	80.3
34.1	54.8	60.0	65.6	69.5	72.1	73.9	77.0	78.5	79.0	79.4	79.5	79.7	80.6	80.8	83.1
34.3	55.7	61.0	66.6	70.7	73.5	75.4	78.5	80.0	80.6	80.9	81.0	81.2	82.1	82.3	84.6
34.4	56.7	62.0	68.1	72.4	75.4	77.2	80.5	82.1	82.6	83.0	83.1	83.3	84.1	84.4	86.6
34.4	57.3	62.6	68.8	73.4	76.3	78.3	81.5	83.4	83.9	84.3	84.4	84.6	85.5	85.7	87.9
34.4	57.4	63.1	69.4	73.9	77.0	79.2	82.6	84.6	85.2	85.6	85.7	86.0	86.9	87.1	89.4
34.4	57.7	63.3	69.7	74.4	77.5	79.8	83.4	85.3	86.0	86.3	86.4	86.8	87.6	87.8	90.1
34.5	58.3	64.1	70.6	75.5	78.7	81.2	85.0	87.0	87.7	88.1	88.2	88.5	89.4	89.6	91.9
34.5	58.5	64.5	71.2	76.2	79.6	82.2	86.1	88.2	88.9	89.3	89.4	89.7	90.6	90.8	93.1
34.5	58.6	64.6	71.3	76.9	80.2	83.0	87.2	89.3	90.6	91.0	91.1	91.5	92.4	92.6	94.9
34.5	58.6	64.6	71.3	77.2	80.9	83.8	88.2	90.3	91.7	92.4	92.5	92.9	93.9	94.1	97.0
34.5	58.6	64.7	71.4	77.3	81.0	83.9	88.3	90.4	92.1	92.8	92.9	93.6	95.7	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

BOSCOMBE DOWN UK 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

15.3	21.8	23.6	24.3	26.2	27.6	28.6	30.1	30.7	30.9	31.0	31.1	31.9	32.5	32.8	35.2
17.2	25.9	28.4	29.3	31.6	33.2	34.2	35.8	36.1	36.7	36.8	36.9	37.9	38.5	38.8	41.2
17.4	26.0	28.5	29.4	31.7	33.3	34.3	35.9	36.2	36.8	36.9	37.0	38.0	38.6	38.9	41.3
17.5	26.1	28.6	29.5	31.8	33.4	34.4	36.0	36.4	36.9	37.0	37.1	38.1	38.8	39.0	41.4
17.7	26.7	29.3	30.2	32.5	34.2	35.2	36.8	37.1	37.7	37.8	37.9	38.9	39.5	39.7	42.1
18.1	27.6	30.1	31.1	33.4	35.0	36.0	37.7	38.0	38.5	38.6	38.8	39.7	40.4	40.6	43.0
18.7	28.6	31.1	32.2	34.7	36.5	37.4	39.2	39.5	40.1	40.2	40.3	41.3	41.9	42.1	44.5
19.2	29.3	31.8	32.9	35.4	37.1	38.1	39.8	40.2	40.7	40.8	40.9	41.9	42.6	42.8	45.2
19.4	29.6	32.1	33.2	35.7	37.4	38.4	40.2	40.5	41.0	41.2	41.3	42.2	42.9	43.1	45.5
19.7	30.1	32.6	33.8	36.5	38.2	39.2	40.9	41.3	41.8	41.9	42.0	43.0	43.7	43.9	46.3
20.6	31.2	33.7	35.0	37.9	39.6	40.8	42.7	43.0	43.6	43.7	43.8	44.8	45.4	45.6	48.1
21.5	33.1	35.9	37.8	41.2	43.0	44.5	46.9	47.5	48.1	48.3	48.4	49.5	50.1	50.4	53.2
22.2	34.0	37.0	39.7	43.2	45.2	46.8	49.3	49.9	50.5	50.7	50.8	51.9	52.5	52.9	55.7
23.1	35.4	38.5	41.5	45.2	47.2	48.9	51.4	52.0	52.7	52.9	53.1	54.1	54.8	55.2	58.0
23.4	35.7	38.9	41.8	45.5	47.5	49.2	51.7	52.3	53.1	53.3	53.4	54.5	55.1	55.6	58.3
25.0	38.2	41.6	45.0	48.7	50.7	52.5	55.1	55.7	56.4	56.7	56.8	57.9	58.5	59.0	61.7
26.4	40.8	44.5	48.4	52.3	54.3	56.1	58.7	59.4	60.2	60.4	60.5	61.6	62.2	62.7	65.4
27.7	42.8	46.7	50.6	54.9	56.9	58.7	61.5	62.1	63.0	63.2	63.3	64.4	65.2	65.6	68.3
28.5	43.9	47.9	52.2	56.4	58.5	60.4	63.1	63.8	64.6	64.8	65.0	66.2	66.9	67.4	70.1
29.5	45.4	49.5	54.0	58.3	60.5	62.4	65.2	65.8	66.7	66.9	67.0	68.2	69.0	69.4	72.2
30.5	47.2	51.4	56.3	60.9	63.2	65.2	68.1	68.8	69.8	70.0	70.1	71.3	72.2	72.6	75.4
31.0	48.4	52.8	58.3	63.2	65.6	67.6	70.5	71.3	72.4	72.6	72.7	73.9	74.8	75.2	78.1
31.1	48.8	53.3	58.8	63.8	66.3	68.2	71.5	72.3	73.4	73.6	73.7	74.9	75.8	76.2	79.5
31.9	49.6	54.3	60.2	65.4	67.9	69.9	73.3	74.0	75.1	75.3	75.4	76.6	77.5	77.9	80.8
32.0	50.9	55.7	62.0	67.4	70.0	71.9	75.4	76.2	77.3	77.5	77.6	78.8	79.8	80.2	83.1
32.3	51.7	56.9	63.5	69.0	71.9	74.0	77.7	78.5	79.6	79.8	79.9	81.2	82.2	82.6	85.5
32.3	52.2	57.4	64.4	70.0	73.1	75.2	79.0	79.8	80.9	81.1	81.2	82.5	83.6	84.1	86.9
32.3	52.7	58.3	65.5	71.2	74.9	77.2	81.4	82.4	83.6	83.8	84.0	85.3	86.4	86.8	89.6
32.4	53.1	59.0	66.3	72.1	76.0	78.3	82.9	83.8	85.0	85.3	85.4	86.7	87.8	88.2	91.0
32.4	53.4	59.3	67.2	73.1	77.2	79.8	84.8	86.0	87.3	87.6	87.7	89.1	90.2	90.6	93.4
32.4	53.4	59.3	67.2	73.5	77.5	80.1	85.5	86.8	88.1	88.3	88.4	90.0	91.0	91.5	95.3
32.4	53.4	59.3	67.2	73.5	77.5	80.2	85.7	87.1	88.5	88.9	89.0	90.6	92.2	92.9	100.0

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

37860 BOSCOMBE DOWN UK 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

17.9	14.7	15.6	15.7	16.0	16.2	16.6	17.2	17.3	17.6	17.8	18.1	18.6	19.5	20.1	22.1
19.2	20.8	22.4	23.3	24.1	24.5	24.9	26.0	26.2	26.6	27.0	27.4	28.2	29.6	30.2	32.5
19.5	21.2	22.7	23.7	24.4	24.9	25.2	26.3	26.5	26.9	27.4	27.7	28.6	29.9	30.5	32.8
19.6	21.3	22.8	23.8	24.5	25.0	25.3	26.4	26.6	27.0	27.5	27.8	28.7	30.0	30.6	32.9
19.8	21.6	23.2	24.3	25.3	25.7	26.1	27.2	27.4	27.8	28.2	28.6	29.4	30.9	31.5	33.8
20.6	22.8	24.5	25.7	26.8	27.4	27.9	29.1	29.3	29.8	30.2	30.6	31.5	32.9	33.6	35.9
22.3	25.0	26.9	28.1	29.4	30.1	30.6	32.1	32.3	32.7	33.4	33.8	34.7	36.2	36.9	39.1
23.3	26.7	28.8	30.0	31.3	32.0	32.5	34.2	34.5	34.9	35.6	36.0	36.9	38.4	39.0	41.3
23.3	26.8	28.9	30.1	31.4	32.1	32.6	34.4	34.6	35.0	35.7	36.1	37.1	38.6	39.3	41.5
23.5	27.2	29.2	30.4	31.7	32.4	33.3	35.3	35.6	36.0	36.6	37.1	38.1	39.6	40.2	42.5
24.4	28.1	30.2	31.7	33.2	33.8	34.7	36.8	37.0	37.4	38.1	38.5	39.5	41.0	41.7	43.9
26.6	30.6	32.8	34.9	37.0	37.8	38.9	41.4	41.8	42.6	43.4	43.8	44.9	46.5	47.1	49.5
27.5	32.2	34.4	36.6	39.0	39.9	41.1	43.7	44.2	45.0	45.8	46.2	47.3	49.0	49.6	52.0
28.6	33.4	35.7	37.9	40.7	41.5	42.7	45.4	45.8	46.8	47.5	48.1	49.3	50.9	51.6	54.0
29.3	34.5	36.8	39.1	42.1	43.0	44.2	46.9	47.3	48.3	49.1	49.6	50.8	52.5	53.1	55.5
30.2	36.9	39.4	41.9	45.4	46.3	47.7	50.5	50.9	51.9	52.7	53.2	54.4	56.1	56.7	59.1
32.2	39.8	42.5	45.0	48.9	49.8	51.3	54.2	54.6	55.6	56.4	56.9	58.1	59.9	60.5	62.9
33.9	42.5	45.6	48.3	52.1	53.3	54.9	57.9	58.3	59.5	60.3	60.9	62.1	63.8	64.4	66.8
35.4	43.0	46.7	49.9	53.8	55.0	56.5	59.5	60.0	61.2	61.9	62.5	63.7	65.4	66.1	68.5
35.6	45.1	48.3	51.6	55.4	56.7	58.2	61.5	61.9	63.1	63.9	64.4	65.6	67.4	68.0	70.4
36.5	46.9	50.3	53.5	57.9	59.3	60.9	64.2	64.8	66.0	67.0	67.5	68.7	70.4	71.1	73.6
36.9	48.2	51.7	55.0	59.5	61.2	62.8	66.2	66.7	67.9	68.9	69.5	70.8	72.5	73.2	75.7
37.0	48.7	52.2	55.7	60.4	62.1	63.7	67.4	67.9	69.1	70.1	70.7	72.0	73.7	74.4	76.9
37.4	49.7	53.5	57.4	62.4	64.3	66.1	69.9	70.6	71.8	72.7	73.3	74.6	76.3	77.0	79.5
37.8	50.7	54.9	59.2	64.7	66.7	68.7	72.5	73.2	74.4	75.4	75.9	77.2	79.0	79.6	82.1
37.9	51.3	55.7	60.4	66.3	68.7	70.8	74.6	75.2	76.4	77.4	78.0	79.3	81.0	81.7	84.2
37.9	51.8	55.8	61.0	67.0	69.5	71.5	75.7	76.3	77.5	78.5	79.1	80.4	82.1	82.8	85.3
38.0	51.9	56.6	61.7	67.8	70.6	72.8	77.5	78.2	79.5	80.5	81.0	82.3	84.1	84.7	87.2
38.0	52.0	56.9	62.4	68.8	71.8	74.0	79.2	79.9	81.2	82.2	82.8	84.1	85.8	86.5	89.0
38.0	52.1	57.0	62.7	69.9	73.1	75.6	80.9	81.7	83.0	84.0	84.5	85.8	87.7	88.3	90.8
38.0	52.1	57.0	62.7	69.9	73.1	75.7	81.1	81.9	83.4	84.6	85.2	86.8	89.0	89.9	93.7
38.0	52.1	57.0	62.7	69.9	73.1	75.7	81.1	81.9	83.5	84.7	85.3	87.1	90.2	91.3	100.0

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

12.6	15.6	16.4	17.6	18.1	18.5	18.7	19.1	19.2	19.3	19.5	19.6	19.6	20.0	20.0	20.4
22.3	27.6	28.8	30.5	31.3	32.2	32.8	33.4	33.6	33.7	33.9	34.1	34.3	34.7	34.8	35.3
22.4	27.7	28.9	30.6	31.4	32.3	32.9	33.5	33.7	33.8	34.0	34.3	34.4	34.8	34.9	35.4
22.6	27.9	29.2	30.8	31.6	32.5	33.1	33.7	33.9	34.0	34.3	34.5	34.6	35.0	35.1	35.6
23.4	29.0	30.7	32.7	33.5	34.4	35.0	35.6	35.8	35.9	36.1	36.4	36.5	36.9	37.1	37.6
24.6	30.7	32.4	34.4	35.3	36.1	36.8	37.4	37.6	37.7	37.9	38.1	38.2	38.7	38.9	39.4
26.1	32.6	34.4	36.4	37.4	38.4	39.0	39.6	39.8	39.9	40.1	40.4	40.5	40.9	41.1	41.6
27.4	34.6	36.5	38.6	39.8	41.0	41.7	42.2	42.5	42.6	42.8	43.0	43.1	43.6	43.8	44.2
28.2	35.4	37.3	39.4	40.6	41.8	42.5	43.0	43.2	43.3	43.6	43.8	43.9	44.3	44.6	45.0
28.4	35.6	37.5	39.6	40.8	42.0	42.9	43.5	43.7	43.8	44.0	44.2	44.3	44.8	45.0	45.5
28.9	36.7	38.6	40.7	41.9	43.2	44.1	44.8	45.0	45.1	45.3	45.6	45.7	46.1	46.3	46.8
31.9	41.0	43.0	45.6	47.0	48.3	49.3	50.1	50.4	50.7	50.9	51.1	51.2	51.7	51.9	52.3
32.7	41.8	43.9	46.7	48.6	49.9	50.9	51.7	52.0	52.2	52.4	52.7	52.8	53.2	53.4	53.9
34.5	44.1	46.3	49.4	51.3	52.9	54.0	54.8	55.1	55.3	55.5	55.8	55.9	56.3	56.5	57.0
35.0	44.8	47.1	50.3	52.3	53.9	55.0	55.8	56.1	56.3	56.5	56.8	56.9	57.3	57.5	58.0
36.1	46.6	49.0	52.3	54.3	55.9	57.0	57.9	58.2	58.4	58.6	58.9	59.0	59.4	59.6	60.1
37.6	48.2	50.9	54.2	56.3	57.9	59.1	60.2	60.6	60.9	61.1	61.3	61.4	61.9	62.1	62.5
40.1	51.1	54.0	57.5	59.9	61.4	62.6	63.7	64.3	64.5	64.9	65.1	65.2	65.6	65.9	66.3
41.0	52.4	55.3	59.0	61.4	63.0	64.2	65.3	65.9	66.2	66.5	66.7	66.9	67.3	67.5	68.1
43.3	55.5	58.5	62.5	65.3	67.0	68.2	69.4	70.1	70.4	70.7	71.0	71.1	71.5	71.7	72.3
46.0	59.2	62.5	66.9	70.1	71.8	73.1	74.4	75.1	75.5	75.9	76.2	76.3	76.7	76.9	77.5
46.7	60.3	63.9	68.3	71.8	73.6	74.8	76.4	77.1	77.5	77.9	78.2	78.3	78.7	78.9	79.5
47.9	61.8	65.5	70.2	73.8	75.6	76.8	78.4	79.0	79.5	79.9	80.2	80.3	80.7	80.9	81.5
49.0	63.3	67.3	72.1	76.4	78.3	79.6	81.2	81.8	82.3	82.7	82.9	83.0	83.5	83.7	84.3
49.2	63.7	68.0	72.7	77.2	79.2	80.5	82.2	82.8	83.3	83.7	83.9	84.0	84.5	84.7	85.3
49.4	65.0	69.3	74.6	79.5	81.6	82.9	84.8	85.5	85.9	86.4	86.6	86.7	87.1	87.4	87.9
49.7	65.4	69.8	75.6	80.6	82.7	84.1	86.0	86.7	87.1	87.6	87.8	87.9	88.4	88.6	89.1
49.7	65.6	70.1	76.2	81.5	83.6	85.1	87.3	88.0	88.6	89.0	89.2	89.4	89.8	90.0	90.6
49.7	65.6	70.4	76.6	82.4	84.7	86.5	88.8	89.6	90.2	90.7	90.9	91.0	91.5	91.7	92.2
49.7	65.6	70.4	76.8	83.0	85.7	87.7	90.1	91.2	92.1	92.6	92.9	93.0	93.5	93.7	94.2
49.7	65.6	70.4	76.8	83.0	85.8	88.0	90.7	92.0	93.3	93.8	94.3	94.9	95.9	96.1	97.1
49.7	65.6	70.4	76.8	83.0	85.8	88.0	90.7	92.1	93.5	93.9	94.5	95.1	96.3	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1700-1400

12.1	15.6	16.8	17.5	17.9	18.2	18.5	18.5	18.7	18.8	18.8	18.8	18.8	18.8	18.8	18.8
22.7	27.9	29.6	30.7	31.3	32.0	32.4	32.4	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6
22.7	27.9	29.6	30.7	31.3	32.0	32.4	32.4	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6
22.7	27.9	29.6	30.7	31.3	32.0	32.4	32.4	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6
24.5	29.9	31.7	33.0	33.5	34.2	34.6	34.6	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9
26.5	32.2	34.0	35.2	35.8	36.4	36.9	36.9	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1
29.9	36.1	37.9	39.1	39.8	40.4	41.0	41.1	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3
30.7	37.1	38.9	40.2	40.9	41.6	42.2	42.3	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6
30.9	37.3	39.1	40.7	41.3	42.0	42.7	42.8	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0
31.3	37.7	39.6	41.2	41.9	42.6	43.2	43.4	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6
32.6	39.3	41.2	42.9	43.6	44.2	44.9	45.0	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.3
35.8	43.5	46.0	48.2	48.9	49.6	50.4	50.7	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9
38.2	46.4	49.1	51.3	52.1	52.7	53.5	53.9	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1
41.1	49.7	52.5	54.9	55.8	56.4	57.2	57.5	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
42.2	51.1	53.9	56.2	57.1	57.8	58.5	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
45.7	55.1	57.9	60.2	61.1	61.8	62.6	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
49.8	60.2	63.1	65.5	66.5	67.3	68.0	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
54.2	65.4	68.6	71.1	72.2	73.0	73.9	74.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9
56.0	67.3	70.5	73.1	74.3	75.1	76.0	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
57.4	69.4	72.7	75.9	77.3	78.2	79.1	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
61.1	74.9	79.8	82.6	84.2	85.3	86.1	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
61.7	76.1	80.1	84.4	86.4	87.5	88.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
62.3	77.3	81.3	85.7	87.8	88.9	89.9	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
63.1	79.1	83.4	87.7	89.8	90.9	92.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
63.2	79.6	84.6	89.3	91.6	92.7	93.9	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
63.5	80.3	85.5	90.4	92.8	94.1	95.2	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
63.8	80.9	86.1	91.2	93.7	95.0	96.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
63.8	80.9	86.4	91.4	94.1	95.3	96.4	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
63.8	80.9	86.4	91.5	94.4	95.8	97.1	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
63.8	80.9	86.4	91.5	94.4	95.8	97.2	99.0	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
63.8	80.9	86.4	91.5	94.5	95.9	97.3	99.1	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
63.8	80.9	86.4	91.5	94.5	95.9	97.3	99.1	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 895

USAFETAC [illegible] 1145 OLA [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] COMBINED DOWN UP 73-82 OCT

[illegible] OF OBSERVATIONS 1500-1700
FROM HOURLY OBSERVATION

16.3	19.2	20.3	21.0	21.5	21.9	22.0	22.0	22.3	22.3	22.3	22.4	22.4	22.4	22.4	22.4
26.5	31.7	33.3	34.4	35.0	35.4	35.9	36.0	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3
26.7	31.9	33.6	34.7	35.2	35.7	36.1	36.2	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.5
26.8	32.0	33.7	34.8	35.3	35.8	36.2	36.3	36.5	36.5	36.5	36.7	36.7	36.7	36.7	36.7
28.2	33.4	35.1	36.2	36.8	37.2	37.7	37.8	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1
30.1	35.8	37.5	38.6	39.2	39.6	40.1	40.2	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5
33.7	39.4	41.3	42.4	43.0	43.4	43.9	44.0	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3
34.4	40.3	42.3	43.4	44.0	44.4	44.9	45.0	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3
35.1	41.1	43.2	44.4	45.0	45.4	45.8	46.0	46.2	46.2	46.2	46.3	46.3	46.3	46.3	46.3
35.2	41.7	43.9	45.2	45.7	46.2	46.6	46.7	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1
36.0	43.4	45.5	47.2	47.7	48.2	48.6	48.7	48.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1
39.1	48.0	50.2	52.0	52.6	53.2	53.9	54.2	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5
42.0	51.6	53.8	55.9	56.6	57.1	57.9	58.1	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5
44.2	53.9	56.1	58.3	58.9	59.5	60.2	60.5	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8
46.2	56.0	58.3	60.4	61.0	61.6	62.3	62.6	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9
50.2	60.8	63.0	65.1	66.0	66.6	67.3	67.6	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9
52.7	64.5	66.7	69.2	70.1	70.8	71.5	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3
56.0	68.8	71.1	74.0	75.2	76.1	76.9	77.6	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0
56.3	69.2	71.7	74.5	75.7	76.7	77.5	78.3	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6
57.6	72.2	74.6	78.2	79.7	80.7	81.6	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7
60.1	75.9	78.5	82.4	84.1	85.5	86.4	87.6	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9
61.0	76.9	79.5	83.6	85.4	87.2	88.0	89.3	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7
61.0	77.2	80.0	84.2	86.0	88.0	88.9	90.4	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8
61.7	78.3	81.2	85.6	87.6	89.7	90.6	92.0	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5
62.1	78.8	81.9	86.4	88.7	90.9	91.9	93.7	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2
62.3	79.4	82.6	87.3	89.9	92.2	93.4	95.1	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7
62.7	80.0	83.5	88.2	91.0	93.4	94.5	96.3	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9
62.8	80.3	83.8	88.8	91.9	94.2	95.5	97.3	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98.1
62.8	80.3	83.8	88.8	92.1	94.5	95.9	97.8	98.2	98.4	98.6	98.7	98.7	98.7	98.7	98.7
62.8	80.3	83.8	88.9	92.4	95.0	96.6	98.8	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8
62.8	80.3	83.8	88.9	92.4	95.0	96.7	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0
62.8	80.3	83.8	88.9	92.4	95.0	96.7	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 903

GLOBAL CLIMATOLOGY BRANCH
OFFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

STATION BOSCOMBE DOWN UK 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS 1800-2000

25.3	25.2	26.4	28.5	29.8	30.6	31.1	31.8	32.3	32.7	32.8	32.8	32.8	32.8	32.9	33.3	
26.4	33.7	35.7	38.3	40.0	41.0	41.7	42.4	42.9	43.4	43.5	43.5	43.5	43.5	43.6	43.9	
26.4	33.7	35.7	38.3	40.0	41.0	41.7	42.4	42.9	43.4	43.5	43.5	43.5	43.5	43.6	43.9	
26.4	33.7	35.7	38.3	40.0	41.0	41.7	42.4	42.9	43.4	43.5	43.5	43.5	43.5	43.6	43.9	
26.8	34.4	36.3	39.0	40.8	41.8	42.4	43.2	43.6	44.2	44.3	44.3	44.3	44.3	44.4	44.7	
27.9	35.8	37.7	40.5	42.2	43.2	43.9	44.7	45.1	45.7	45.8	45.8	45.8	45.8	45.9	46.2	
29.3	37.6	39.9	42.9	44.6	45.6	46.3	47.1	47.5	48.1	48.2	48.2	48.2	48.2	48.3	48.6	
30.9	39.5	42.0	45.3	47.0	48.0	48.7	49.5	49.9	50.5	50.6	50.6	50.6	50.6	50.7	51.0	
31.2	39.9	42.4	45.7	47.4	48.4	49.2	49.9	50.4	50.9	51.0	51.0	51.0	51.0	51.1	51.5	
31.5	40.3	42.9	46.1	47.9	48.9	49.6	50.4	50.8	51.4	51.5	51.5	51.5	51.5	51.6	51.9	
32.1	41.7	44.4	47.9	49.6	50.6	51.4	52.1	52.6	53.1	53.2	53.2	53.2	53.2	53.3	53.7	
33.2	45.4	49.0	52.9	54.7	55.8	56.6	57.9	58.3	58.9	59.0	59.0	59.0	59.0	59.1	59.4	
34.2	47.7	51.4	55.6	57.5	58.6	59.3	60.6	61.1	61.6	61.7	61.7	61.8	61.8	62.1	62.5	
35.2	49.1	53.1	57.6	59.4	60.5	61.3	62.6	63.0	63.6	63.7	63.7	63.8	63.6	64.0	64.4	
35.9	49.9	54.2	58.8	60.9	62.1	62.8	64.1	64.6	65.1	65.2	65.2	65.3	65.3	65.5	66.0	
38.6	53.5	57.9	62.5	64.7	65.9	66.6	67.9	68.4	68.9	69.0	69.0	69.1	69.1	69.4	69.8	
41.0	56.9	61.6	66.3	68.7	70.1	71.0	72.3	72.7	73.3	73.4	73.4	73.5	73.5	73.7	74.2	
42.1	59.7	64.9	70.0	72.5	74.2	75.4	76.8	77.2	77.8	77.9	77.9	78.0	78.0	78.2	78.6	
42.3	61.0	66.2	71.5	74.0	75.8	77.0	78.4	78.8	79.4	79.5	79.5	79.6	79.6	79.8	80.3	
42.6	61.5	67.0	72.7	75.2	77.0	78.2	79.9	80.4	80.9	81.0	81.0	81.1	81.1	81.4	81.8	
43.8	63.4	69.1	74.9	77.6	79.5	80.8	82.9	83.3	83.9	84.0	84.0	84.1	84.1	84.3	84.7	
44.1	64.4	70.6	76.6	79.4	81.2	82.9	85.3	85.8	86.4	86.5	86.5	86.6	86.6	86.8	87.2	
44.1	64.7	70.8	77.0	79.8	81.7	83.3	85.7	86.3	86.8	86.9	86.9	87.0	87.0	87.2	87.7	
44.1	65.1	71.3	78.1	81.0	82.9	84.5	87.0	87.6	88.2	88.3	88.3	88.4	88.4	88.7	89.1	
44.2	65.5	71.9	79.0	82.0	84.0	85.6	88.1	88.7	89.3	89.4	89.4	89.5	89.5	89.7	90.2	
44.3	66.2	72.6	80.3	83.9	85.8	87.5	90.0	90.5	91.2	91.3	91.3	91.4	91.4	91.6	92.0	
44.5	66.6	73.3	81.2	85.1	87.1	88.8	91.6	92.1	92.9	93.0	93.0	93.1	93.1	93.3	93.8	
44.5	67.4	74.4	82.3	86.3	88.4	90.3	93.2	93.9	94.8	94.9	94.9	95.0	95.0	95.2	95.6	
44.5	67.5	74.7	82.9	87.0	89.3	91.2	94.4	95.2	96.1	96.2	96.2	96.3	96.3	96.5	96.9	
44.5	67.5	74.7	83.0	87.5	89.9	92.0	95.3	96.2	97.2	97.5	97.5	97.6	97.6	97.8	98.3	
44.5	67.5	74.7	83.0	87.7	90.3	92.6	96.2	97.3	98.4	98.8	98.8	98.9	98.9	99.2	99.9	
44.5	67.5	74.7	83.0	87.7	90.3	92.6	96.2	97.3	98.4	98.8	98.8	99.0	99.0	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

17.5	24.6	26.2	29.3	37.5	31.3	31.7	32.7	33.3	33.6	34.0	34.1	34.2	34.6	34.7	35.1	
22.8	32.3	34.6	38.4	40.4	41.3	41.9	42.9	43.5	43.8	44.2	44.3	44.5	44.8	44.9	45.6	
22.9	32.5	34.8	38.6	40.6	41.5	42.2	43.1	43.7	44.0	44.5	44.6	44.7	45.0	45.1	45.8	
22.9	32.6	34.9	38.7	40.7	41.6	42.3	43.2	43.8	44.1	44.6	44.7	44.8	45.1	45.2	45.9	
22.9	32.9	35.2	39.1	41.1	41.9	42.6	43.6	44.1	44.5	44.9	45.0	45.1	45.4	45.6	46.2	
23.9	34.4	36.8	40.7	42.8	43.7	44.3	45.3	45.9	46.2	46.7	46.8	46.9	47.2	47.3	48.0	
24.7	36.2	38.7	42.7	44.9	45.8	46.4	47.5	48.1	48.4	48.8	49.0	49.1	49.4	49.5	50.2	
25.6	37.3	40.0	44.0	46.2	47.1	47.9	49.0	49.5	49.8	50.3	50.4	50.5	50.8	50.9	51.6	
25.7	37.7	40.3	44.3	46.5	47.4	48.2	49.3	49.8	50.2	50.6	50.7	50.8	51.2	51.3	51.9	
25.7	38.1	40.6	44.8	47.0	47.9	48.6	49.7	50.3	50.6	51.0	51.2	51.3	51.6	51.7	52.4	
26.6	40.0	43.1	47.3	49.5	50.4	51.4	52.5	53.0	53.3	53.8	53.9	54.0	54.3	54.4	55.1	
27.6	41.7	45.1	50.6	53.8	54.8	55.9	57.1	57.6	58.1	58.5	58.6	58.7	59.1	59.2	59.9	
28.2	43.1	46.8	52.4	55.9	56.9	58.1	59.4	59.9	60.4	60.8	60.9	61.0	61.4	61.5	62.2	
28.8	44.3	48.1	54.3	58.2	59.2	60.4	61.7	62.2	62.7	63.1	63.2	63.3	63.7	63.8	64.5	
29.2	45.2	49.3	55.5	59.4	60.4	61.6	63.1	63.7	64.1	64.5	64.7	64.8	65.1	65.2	66.0	
30.2	47.2	51.3	57.8	61.9	63.1	64.4	66.0	66.5	67.0	67.4	67.5	67.7	68.1	68.2	68.9	
31.3	50.3	54.8	61.4	65.5	67.1	68.5	70.0	70.6	71.0	71.5	71.6	71.8	72.1	72.2	73.1	
33.5	53.8	58.3	65.1	69.3	70.9	72.8	74.5	75.2	75.7	76.2	76.3	76.5	76.8	76.9	77.8	
34.0	54.9	59.4	66.5	70.8	72.4	74.3	76.3	76.9	77.5	77.9	78.0	78.3	78.6	78.7	79.6	
34.6	56.3	61.0	68.2	72.6	74.2	76.2	78.6	79.3	79.8	80.2	80.4	80.6	80.9	81.0	82.0	
35.2	58.1	63.1	70.5	75.0	76.8	78.8	81.7	82.4	83.0	83.4	83.5	83.8	84.1	84.2	85.2	
35.3	58.9	64.0	71.6	76.2	78.2	80.2	83.4	84.2	84.7	85.2	85.3	85.5	85.8	85.9	86.9	
35.3	59.3	64.3	72.1	76.7	78.7	80.8	84.0	84.7	85.3	85.7	85.8	86.1	86.4	86.5	87.5	
35.7	59.9	65.1	72.9	77.5	79.6	81.7	84.9	85.6	86.2	86.6	86.7	86.9	87.3	87.4	88.4	
36.2	60.7	65.9	73.9	78.5	80.8	82.9	86.1	86.8	87.4	87.8	87.9	88.1	88.5	88.6	89.6	
36.2	61.1	66.3	74.8	79.5	82.0	84.1	87.5	88.5	89.0	89.5	89.6	89.9	90.2	90.3	91.3	
36.3	61.9	67.1	75.6	80.5	83.1	85.2	88.6	89.6	90.2	90.7	90.8	91.1	91.4	91.5	92.5	
36.3	62.5	67.7	76.4	81.6	84.2	86.4	89.8	90.8	91.4	91.9	92.0	92.3	92.6	92.8	93.7	
36.3	62.6	68.1	76.7	81.9	84.7	87.4	90.9	92.0	92.6	93.1	93.2	93.5	93.9	94.0	95.0	
36.3	62.7	68.2	76.9	82.4	85.4	88.3	92.0	93.1	94.0	94.4	94.5	95.1	95.4	95.5	96.5	
36.3	62.7	68.2	77.1	82.5	85.6	88.5	92.4	93.5	94.5	95.2	95.3	95.9	96.3	96.4	98.0	
36.3	62.7	68.2	77.1	82.5	85.6	88.5	92.4	93.5	94.5	95.3	95.5	96.3	97.4	97.5	100.0	

TOTAL NUMBER OF OBSERVATIONS 911

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7340 BOSCOMBE DOWN UK 73-82 OCT

PERCENT ABS FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS ALL

25.3	25.2	21.5	22.8	23.8	24.5	24.9	25.6	26.0	26.2	26.4	26.5	26.7	27.0	27.2	28.2	
21.7	28.8	30.7	32.5	33.9	34.8	35.4	36.3	36.6	36.9	37.1	37.2	37.5	37.9	38.1	39.1	
21.5	28.9	30.8	32.7	34.0	34.9	35.6	36.4	36.8	37.1	37.3	37.4	37.7	38.1	38.3	39.3	
21.9	29.0	30.9	32.8	34.1	35.0	35.7	36.5	36.9	37.2	37.4	37.5	37.8	38.2	38.4	39.4	
22.5	29.8	31.8	33.8	35.1	36.1	36.7	37.5	37.9	38.2	38.4	38.5	38.8	39.2	39.4	40.4	
23.6	31.3	33.4	35.4	36.8	37.7	38.4	39.3	39.6	39.9	40.1	40.3	40.6	41.0	41.2	42.2	
25.3	33.5	35.8	37.8	39.3	40.2	41.0	41.9	42.2	42.6	42.8	42.9	43.2	43.6	43.8	44.8	
26.2	34.8	37.1	39.2	40.7	41.7	42.5	43.4	43.8	44.1	44.3	44.5	44.8	45.2	45.4	46.4	
26.5	35.2	37.5	39.7	41.2	42.2	43.0	43.9	44.3	44.6	44.8	45.0	45.3	45.7	45.9	46.9	
26.6	35.6	37.9	40.1	41.7	42.7	43.5	44.5	44.9	45.2	45.4	45.6	45.9	46.3	46.5	47.5	
27.5	37.0	39.4	41.8	43.4	44.5	45.3	46.3	46.7	47.0	47.3	47.4	47.7	48.1	48.3	49.4	
29.3	40.1	42.9	45.8	47.8	49.0	50.0	51.3	51.8	52.2	52.4	52.6	52.9	53.3	53.5	54.6	
30.5	42.0	44.9	48.[illegible]	50.2	51.4	52.5	53.8	54.3	54.7	55.0	55.1	55.5	55.9	56.1	57.3	
32.0	43.8	46.8	5[illegible]	52.5	53.7	54.8	56.2	56.7	57.1	57.4	57.5	57.9	58.3	58.6	59.7	
32.8	44.9	47.9	51.4	53.8	55.0	56.1	57.5	58.[illegible]	58.4	58.7	58.8	59.2	59.7	59.9	61.0	
34.9	47.8	51.0	54.6	57.2	58.4	59.6	61.0	61.5	61.9	62.2	62.4	62.7	63.2	63.4	64.5	
37.1	50.9	54.3	58.1	6[illegible].8	62.1	63.3	64.6	65.4	65.8	66.1	66.2	66.6	67.1	67.3	68.4	
39.2	54.1	57.8	61.6	64.7	66.1	67.5	69.2	69.7	70.2	70.5	70.7	71.0	71.5	71.8	72.9	
39.9	55.2	59.0	63.2	66.1	67.7	69.0	70.8	71.3	71.8	72.1	72.3	72.7	73.2	73.4	74.5	
41.0	57.0	60.9	65.5	68.5	70.1	71.5	73.5	74.0	74.6	74.8	75.0	75.4	75.9	76.1	77.3	
42.7	59.8	64.0	68.8	72.1	73.8	75.3	77.5	78.1	78.7	79.0	79.1	79.5	80.0	80.3	81.5	
43.3	60.9	65.3	70.3	73.9	75.8	77.3	79.6	80.3	80.9	81.2	81.3	81.7	82.3	82.5	83.7	
43.5	61.6	66.0	71.2	74.8	76.8	78.3	80.8	81.5	82.0	82.3	82.5	82.9	83.4	83.7	84.9	
44.1	62.6	67.2	72.7	76.5	78.6	80.1	82.7	83.3	83.9	84.2	84.4	84.8	85.3	85.6	86.8	
44.3	63.3	68.1	73.8	77.9	80.0	81.7	84.3	85.0	85.6	85.9	86.0	86.4	87.0	87.2	88.4	
44.5	64.0	68.9	75.0	79.3	81.6	83.3	86.0	86.8	87.4	87.7	87.9	88.3	88.9	89.1	90.3	
44.6	64.4	69.5	75.8	80.2	82.6	84.3	87.2	88.0	88.6	88.9	89.1	89.5	90.1	90.3	91.5	
44.6	64.9	70.1	76.5	81.2	83.7	85.6	88.6	89.5	90.2	90.5	90.6	91.1	91.6	91.9	93.1	
44.7	65.0	70.4	77.0	81.8	84.5	86.5	89.8	90.7	91.4	91.8	91.9	92.4	92.9	93.2	94.4	
44.7	65.1	70.5	77.2	82.4	85.2	87.5	91.0	92.0	92.9	93.3	93.4	93.9	94.5	94.7	95.9	
44.7	65.1	70.5	77.3	82.5	85.5	87.8	91.5	92.6	93.6	94.1	94.3	94.9	95.6	95.9	97.6	
44.7	65.1	70.5	77.3	82.5	85.5	87.8	91.5	92.6	93.7	94.2	94.5	95.2	96.3	96.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 7282

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

37962 HOSCOMBE DOWN UK 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

17.8	27.9	29.3	30.2	32.2	33.3	34.5	35.7	35.9	35.8	35.8	35.8	36.0	36.2	36.5	37.0
23.0	32.2	34.1	35.4	38.0	39.2	40.5	42.0	42.2	42.2	42.2	42.2	42.6	42.9	43.1	43.7
23.1	32.3	34.2	35.6	38.1	39.3	40.6	42.1	42.3	42.3	42.3	42.3	42.7	43.0	43.2	43.8
23.1	32.3	34.2	35.6	38.1	39.3	40.6	42.1	42.3	42.3	42.3	42.3	42.7	43.0	43.2	43.8
23.1	32.3	34.3	35.7	38.3	39.4	40.7	42.2	42.4	42.4	42.4	42.4	42.8	43.1	43.3	43.9
23.5	32.8	35.1	36.3	39.1	40.2	41.5	43.0	43.2	43.2	43.2	43.2	43.6	43.9	44.1	44.7
23.9	33.9	36.7	37.4	40.2	41.4	43.0	44.7	44.9	44.9	44.9	44.9	45.3	45.6	45.8	46.4
24.5	34.4	36.6	38.3	41.1	42.3	43.9	45.6	45.8	45.8	45.8	45.8	46.2	46.5	46.7	47.3
24.6	34.5	36.9	38.4	41.2	42.4	44.0	45.7	45.9	45.9	45.9	45.9	46.3	46.6	46.8	47.4
24.9	35.0	37.4	38.8	41.6	42.9	44.5	46.2	46.4	46.4	46.4	46.4	46.7	47.1	47.3	47.9
26.7	36.2	38.7	40.2	43.0	44.2	45.8	47.5	47.7	47.7	47.7	47.7	48.1	48.4	48.6	49.2
28.1	39.3	42.1	44.0	47.1	48.4	50.1	51.8	52.0	52.0	52.0	52.0	52.4	52.7	52.9	53.6
29.0	40.5	43.3	45.5	48.5	50.0	51.9	53.7	54.1	54.1	54.1	54.1	54.4	54.7	55.0	55.5
30.4	42.4	45.4	47.6	50.7	52.1	54.1	55.9	56.2	56.2	56.2	56.2	56.5	56.9	57.1	57.7
31.4	43.9	46.7	49.3	52.4	53.8	55.8	57.6	58.0	58.0	58.0	58.0	58.4	58.7	58.9	59.5
33.7	46.6	5[illegible].0	53.4	56.5	58.0	59.9	61.9	62.3	62.4	62.4	62.4	62.8	63.1	63.3	[illegible]
36.5	50.3	53.5	57.2	60.5	62.1	64.0	65.9	66.4	66.5	66.5	66.5	66.8	67.2	67.4	67.9
38.8	54.3	57.6	61.3	64.7	66.5	68.5	70.4	71.0	71.1	71.1	71.1	71.4	71.8	72.0	72.6
39.7	55.6	58.9	62.8	66.4	68.4	70.4	72.3	72.9	73.0	73.0	73.0	73.4	73.7	73.9	74.5
40.3	57.0	60.5	64.6	68.4	70.4	72.5	74.4	74.9	75.1	75.1	75.1	75.4	75.7	76.0	76.5
41.5	59.3	62.9	67.4	71.6	73.6	75.6	77.5	78.2	78.3	78.3	78.3	78.7	79.0	79.2	79.8
42.9	61.2	64.9	69.4	73.7	75.8	77.9	79.9	80.6	80.7	80.7	80.7	81.0	81.4	81.6	82.2
43.2	61.6	65.3	69.9	74.3	76.4	78.4	80.5	81.2	81.3	81.3	81.3	81.6	81.9	82.2	82.7
43.6	62.3	66.0	70.5	75.1	77.3	79.3	81.4	82.1	82.2	82.2	82.2	82.5	82.8	83.1	83.6
43.9	63.5	67.6	72.7	77.3	79.6	81.6	83.7	84.5	84.7	84.7	84.7	85.0	85.3	85.6	86.2
44.0	63.9	68.2	73.5	78.3	80.6	82.6	85.0	85.8	85.9	85.9	85.9	86.2	86.6	86.8	87.5
44.1	64.6	69.0	74.6	79.6	81.8	84.5	86.8	87.6	87.7	87.7	87.7	88.0	88.4	88.6	89.3
44.2	65.2	70.0	76.0	81.2	83.5	85.7	88.6	89.4	89.5	89.5	89.5	89.8	90.2	90.4	91.1
44.2	65.3	70.1	76.3	81.8	84.3	86.5	89.7	90.5	90.6	90.6	90.6	91.0	91.3	91.5	92.2
44.2	65.6	70.4	76.7	82.7	85.2	87.6	91.2	92.0	92.2	92.2	92.2	92.6	93.0	93.2	93.9
44.2	65.6	70.4	76.9	82.8	85.3	87.8	92.1	93.1	93.6	93.7	93.7	94.1	94.7	94.9	96.2
44.2	65.6	70.4	76.9	82.8	85.3	87.8	92.1	93.1	94.0	94.4	94.4	95.1	96.0	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 886

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] LOSCOMBE DOWN UK 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE 1700-0500
FROM HOURLY OBSERVATIONS

19.7	25.1	26.7	28.3	29.3	29.9	30.4	31.9	30.0	32.2	32.4	32.4	32.8	33.5	33.9	35.3	
20.3	29.6	31.5	34.3	35.3	35.8	36.5	38.0	38.3	38.5	38.7	38.7	39.4	40.1	40.4	41.9	
20.3	29.6	31.5	34.3	35.3	35.8	36.5	38.0	38.3	38.5	38.7	38.7	39.4	40.1	40.4	41.9	
20.3	29.6	31.5	34.3	35.3	35.8	36.5	38.0	38.3	38.5	38.7	38.7	39.4	40.1	40.4	41.9	
20.4	29.8	31.7	34.5	35.5	36.1	36.7	38.2	38.5	38.8	38.9	38.9	39.7	40.3	40.7	42.1	
23.5	29.9	31.8	34.7	35.7	36.4	37.2	38.7	39.0	39.2	39.3	39.3	40.1	40.9	41.1	42.6	
24.2	30.7	32.6	35.6	36.7	37.5	38.3	39.8	40.1	40.3	40.4	40.4	41.2	41.9	42.2	43.7	
24.2	30.7	32.6	35.7	37.1	37.9	38.7	40.3	41.7	40.9	41.0	41.0	41.8	42.5	42.8	44.3	
24.4	30.9	32.8	36.1	37.4	38.2	39.0	40.7	41.0	41.2	41.3	41.3	42.1	42.5	43.1	44.6	
25.1	31.6	33.5	36.7	38.1	38.9	39.7	41.3	41.8	42.0	42.1	42.1	42.9	43.6	43.9	45.4	
26.1	32.6	34.5	37.8	39.3	40.1	40.9	42.6	43.0	43.3	43.4	43.4	44.2	44.8	45.2	46.6	
27.5	35.2	37.3	41.9	42.7	43.5	44.4	46.3	46.7	47.0	47.1	47.2	48.0	48.7	49.0	50.4	
28.3	36.1	39.5	41.9	43.8	44.8	45.7	47.8	48.2	48.5	48.7	48.8	49.7	50.4	50.8	52.2	
30.4	38.1	41.3	44.7	46.7	47.8	48.8	50.9	51.3	51.7	51.8	51.9	52.8	53.6	53.9	55.4	
31.5	40.0	42.8	46.2	48.3	49.3	50.3	52.6	53.0	53.4	53.5	53.6	54.5	55.3	55.6	57.1	
34.4	43.3	47.1	50.6	52.8	53.8	54.9	57.3	57.8	58.1	58.2	58.3	59.2	60.0	60.3	61.8	
37.0	47.3	50.9	54.6	56.9	57.9	59.1	61.6	62.0	62.5	62.6	62.7	63.6	64.4	64.7	66.2	
39.5	51.8	55.6	59.4	61.7	62.7	63.9	66.4	66.9	67.3	67.4	67.5	68.4	69.2	69.6	71.0	
40.9	52.6	56.9	60.3	62.6	63.7	64.9	67.5	68.0	68.4	68.5	68.7	69.6	70.3	70.7	72.1	
40.9	53.9	58.0	62.1	64.4	65.7	67.2	69.8	70.2	70.8	70.9	71.0	71.9	72.7	73.0	74.5	
42.6	57.1	61.3	65.7	68.0	69.4	70.9	73.5	73.9	74.5	74.6	74.7	75.6	76.4	76.7	78.2	
43.4	58.2	62.8	67.3	69.7	71.1	72.6	75.3	75.7	76.3	76.4	76.5	77.4	78.2	78.7	80.1	
43.5	58.7	63.5	68.0	70.4	72.1	73.7	76.4	76.9	77.4	77.5	77.6	78.5	79.3	79.8	81.2	
43.9	59.8	64.7	69.2	71.7	73.5	75.1	77.8	78.2	78.8	78.9	79.0	79.9	80.7	81.1	82.6	
44.3	61.7	66.1	70.8	73.4	75.2	76.9	79.7	80.1	80.7	80.8	80.9	81.8	82.6	83.0	84.5	
44.5	61.6	67.1	72.0	74.9	76.9	78.7	81.6	82.0	82.6	82.7	82.8	83.7	84.5	84.9	86.4	
44.7	62.0	68.0	73.6	76.7	78.8	80.7	83.7	84.2	84.7	84.8	84.9	85.8	86.6	87.1	88.5	
44.8	62.4	68.3	74.2	77.5	79.8	81.9	85.1	85.5	86.1	86.2	86.3	87.2	88.0	88.4	89.9	
44.8	62.4	68.4	75.1	79.0	81.5	83.8	87.1	87.5	88.1	88.2	88.3	89.2	90.0	90.4	91.9	
44.8	62.4	68.7	75.6	79.8	82.2	84.7	88.1	88.5	89.1	89.2	89.3	90.4	91.2	91.8	93.3	
44.8	62.5	68.8	76.0	80.6	83.1	85.6	89.1	89.6	90.2	90.4	90.6	91.8	92.6	93.4	95.3	
44.8	62.5	68.8	76.0	80.6	83.1	85.6	89.1	89.9	90.9	91.1	91.3	92.9	94.7	95.5	100.0	

TOTAL NUMBER OF OBSERVATIONS 893

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] DECEMBER DOWN UP 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-1800

15.3	19.3	20.7	21.6	21.9	22.4	22.8	24.0	24.7	24.2	24.2	24.2	24.6	25.7	26.3	26.6
19.6	23.8	25.4	27.6	28.5	29.2	29.5	31.3	31.8	31.8	31.8	31.6	32.4	34.0	34.7	35.3
19.8	24.0	25.6	27.8	28.7	29.4	29.8	31.6	32.0	32.0	32.0	32.0	32.6	34.3	34.9	35.5
19.8	24.0	25.6	27.8	28.7	29.4	29.8	31.6	32.0	32.0	32.0	32.0	32.6	34.3	34.9	35.5
20.2	24.4	25.9	28.2	29.1	29.8	30.1	31.9	32.4	32.4	32.4	32.4	32.9	34.5	35.2	35.9
20.6	25.0	26.7	29.1	30.1	30.8	31.2	33.0	33.5	33.5	33.5	33.5	34.0	35.7	36.4	37.0
22.0	26.8	29.0	31.3	32.5	33.3	33.7	35.5	36.0	36.1	36.1	36.1	36.6	38.3	39.0	39.6
22.9	27.4	29.9	32.0	33.3	34.2	34.7	36.5	37.0	37.1	37.1	37.1	37.7	39.3	40.0	40.6
23.1	27.7	29.9	32.4	33.6	34.5	35.1	37.0	37.4	37.5	37.5	37.5	38.1	39.8	40.5	41.0
23.3	28.0	30.1	32.6	33.9	34.8	35.4	37.3	37.8	37.9	37.9	37.9	38.4	40.1	40.8	41.4
24.5	29.1	31.2	33.9	35.5	36.5	37.1	39.0	39.5	39.6	39.6	39.6	40.1	41.8	42.5	43.1
26.2	31.9	34.6	37.7	39.2	40.4	41.0	43.2	43.6	43.7	43.7	43.7	44.3	46.0	46.7	47.4
27.5	34.0	36.9	40.0	41.7	42.8	43.5	45.8	46.3	46.4	46.4	46.4	47.0	48.7	49.4	50.1
28.5	36.1	39.1	42.4	44.2	45.3	46.0	48.3	48.8	48.9	48.9	48.9	49.6	51.3	52.0	52.6
29.7	37.2	40.2	43.5	45.3	46.4	47.1	49.7	50.3	50.4	50.4	50.4	51.1	52.8	53.4	54.1
31.9	40.2	43.7	47.4	49.2	50.3	51.0	53.7	54.2	54.3	54.3	54.3	55.0	56.7	57.4	58.1
35.2	44.3	48.7	51.7	53.7	55.1	55.8	58.5	59.1	59.2	59.2	59.2	59.9	61.6	62.2	62.9
37.9	48.3	52.3	56.1	58.2	59.8	60.5	63.4	63.9	64.0	64.0	64.0	64.7	66.4	67.1	67.8
38.4	49.2	53.3	57.4	59.4	61.0	61.9	64.7	65.3	65.4	65.4	65.4	66.1	67.8	68.4	69.1
39.7	50.7	55.1	59.6	62.0	63.7	64.8	67.8	68.3	68.4	68.4	68.4	69.1	70.8	71.5	72.2
41.7	54.0	58.7	63.6	66.0	67.6	68.9	71.8	72.4	72.6	72.6	72.6	73.3	75.0	75.6	76.3
42.3	55.6	60.5	65.7	68.1	69.8	71.0	74.1	74.6	74.9	74.9	74.9	75.5	77.2	77.9	78.6
42.7	56.0	61.0	66.2	68.5	70.2	71.5	74.9	75.4	75.6	75.6	75.6	76.3	78.0	78.7	79.4
42.8	56.9	62.0	67.3	70.1	71.8	73.2	76.6	77.1	77.3	77.3	77.3	78.0	79.7	80.4	81.1
43.2	58.1	63.1	68.8	71.7	73.5	75.0	78.4	78.9	79.1	79.1	79.1	79.8	81.5	82.2	82.9
43.3	58.7	63.8	69.6	72.5	74.4	75.9	79.3	79.8	80.0	80.2	80.2	80.8	82.5	83.2	83.9
43.5	59.5	64.8	70.7	73.8	75.9	77.3	80.8	81.4	81.6	81.7	81.7	82.4	84.1	84.8	85.5
43.5	60.0	65.8	72.3	75.8	77.9	79.7	83.4	84.0	84.3	84.4	84.4	85.1	86.8	87.5	88.2
43.5	60.4	66.4	73.5	77.6	79.7	81.7	85.7	86.2	86.6	86.7	86.7	87.4	89.1	89.7	90.4
43.5	60.4	66.4	73.5	77.8	80.3	82.3	86.4	87.3	87.8	87.9	87.9	88.6	90.3	91.0	91.7
43.5	60.4	66.4	73.5	77.9	80.7	83.0	87.1	88.5	89.4	89.5	89.5	90.4	92.2	92.9	93.9
43.5	60.4	66.4	73.5	77.9	80.8	83.1	87.3	88.6	90.1	90.3	90.3	91.8	94.7	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS 687

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BOUCOMBE DOWN UK 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

15.8	19.8	20.4	21.4	22.0	23.1	23.7	24.1	24.2	24.5	24.5	24.5	24.6	25.0	25.5	25.6
22.9	29.6	30.4	31.8	33.1	34.5	35.5	36.1	36.4	36.6	36.6	36.6	36.9	37.5	37.9	38.
22.9	29.6	30.4	31.8	33.1	34.5	35.5	36.1	36.4	36.6	36.6	36.6	36.9	37.5	37.9	38.0
22.9	29.9	30.6	32.0	33.3	34.7	35.7	36.4	36.6	36.8	36.8	36.8	37.1	37.7	38.2	38.3
23.2	30.3	31.2	32.7	34.0	35.4	36.4	37.0	37.3	37.5	37.5	37.5	37.8	38.4	38.8	38.9
24.5	31.6	32.5	34.5	35.8	37.1	38.2	38.9	39.3	39.5	39.5	39.5	39.8	40.4	40.9	41.0
26.2	33.6	34.5	36.4	37.7	39.1	40.1	41.0	41.3	41.5	41.5	41.5	41.9	42.4	42.9	43.0
26.5	34.1	35.1	37.0	38.4	39.7	40.7	41.8	42.1	42.3	42.3	42.3	42.6	43.2	43.7	43.8
26.8	34.8	35.8	37.7	39.1	40.4	41.5	42.5	42.9	43.1	43.1	43.1	43.4	44.0	44.4	44.6
27.0	35.1	36.3	38.2	39.5	40.9	42.0	43.1	43.4	43.8	43.8	43.8	44.1	44.7	45.1	45.2
28.2	36.8	38.0	40.0	41.3	42.6	43.9	45.0	45.3	45.7	45.7	45.7	46.0	46.6	47.0	47.1
29.6	39.4	40.9	42.9	44.2	45.6	46.8	47.9	48.3	48.6	48.6	48.6	48.9	49.6	50.1	50.2
30.9	41.3	42.8	45.1	46.6	48.0	49.3	50.4	50.7	51.1	51.1	51.1	51.4	52.2	52.6	52.7
32.2	43.7	45.3	47.7	49.3	50.8	52.1	53.2	53.5	53.9	53.9	53.9	54.2	55.0	55.4	55.6
33.7	45.2	46.9	49.3	50.8	52.4	53.6	54.8	55.1	55.4	55.4	55.4	55.8	56.6	57.0	57.1
36.3	48.3	49.9	52.5	54.1	55.9	57.1	58.2	58.6	58.9	58.9	58.9	59.3	60.0	60.5	60.6
38.5	51.5	53.3	56.0	57.9	59.8	61.1	62.2	62.5	62.9	62.9	62.9	63.2	64.0	64.4	64.5
41.0	54.7	56.6	59.4	61.7	63.6	65.0	66.1	66.6	66.9	66.9	66.9	67.2	68.0	68.5	68.6
42.1	56.0	57.9	60.9	63.4	65.3	66.7	67.8	68.2	68.6	68.6	68.6	68.9	69.7	70.1	70.3
43.7	58.2	60.5	63.5	66.4	68.4	69.8	70.9	71.4	71.7	71.7	71.7	72.1	72.8	73.3	73.4
46.1	61.7	64.5	67.7	71.0	73.0	74.4	75.5	76.0	76.3	76.3	76.3	76.7	77.4	77.9	78.0
46.8	62.7	65.5	68.7	72.1	74.0	75.4	76.5	77.0	77.3	77.3	77.3	77.7	78.5	78.9	79.0
47.3	63.6	66.4	69.7	73.1	75.1	76.5	77.9	78.5	78.8	78.8	78.8	79.1	79.9	80.4	80.5
47.8	65.0	67.9	71.5	75.0	77.1	78.6	80.0	80.6	80.9	80.9	80.9	81.3	82.0	82.5	82.6
48.5	66.3	69.8	73.5	77.1	79.2	80.7	82.4	82.9	83.3	83.3	83.3	83.6	84.4	84.8	85.0
48.8	67.8	71.4	75.5	79.3	81.6	83.1	84.7	85.4	85.7	85.7	85.7	86.1	86.9	87.3	87.5
48.8	68.2	71.9	76.2	80.1	82.4	84.0	85.9	86.5	86.9	86.9	86.9	87.2	88.0	88.4	88.7
48.9	68.5	72.3	76.7	81.1	83.6	85.2	87.1	87.8	88.2	88.2	88.2	88.7	89.5	89.9	90.1
48.9	68.6	72.5	77.1	81.7	84.3	86.0	88.0	88.7	89.1	89.1	89.1	89.6	90.3	90.8	91.0
48.9	68.6	72.5	77.3	82.3	85.2	87.0	89.3	90.3	91.0	91.1	91.[illegible]	91.7	92.6	93.0	93.3
48.9	68.6	72.5	77.4	82.6	85.5	87.5	90.3	91.4	92.6	92.9	92.9	93.5	94.6	95.2	95.8
48.9	68.6	72.5	77.4	82.6	85.5	87.5	90.5	91.5	92.8	93.2	93.3	94.4	96.0	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] LONDON DOWN UK 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

16.8	22.2	22.5	22.8	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.3	23.3	23.5
28.1	33.8	34.1	34.8	35.7	35.9	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.4	36.4	36.6
28.4	34.1	34.4	35.1	36.0	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.7	36.7	36.9
28.4	34.2	34.5	35.2	36.1	36.4	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.8	36.8	37.0
29.0	34.8	35.1	35.8	36.7	36.9	36.9	37.2	37.2	37.2	37.2	37.2	37.2	37.4	37.4	37.6
30.0	36.9	36.4	37.0	38.0	38.2	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.6	38.6	38.9
32.5	38.6	39.2	39.9	40.8	41.1	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.6	41.6	41.9
32.8	39.3	40.0	40.8	41.7	42.2	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.7	42.7	43.1
33.3	39.9	40.5	41.4	42.3	43.1	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.6	43.6	44.0
33.5	40.2	41.0	41.7	42.6	43.4	43.5	43.8	43.8	43.9	43.9	43.9	43.9	44.1	44.1	44.4
35.0	41.9	42.6	43.4	44.3	45.1	45.2	45.5	45.5	45.6	45.6	45.6	45.6	45.8	45.8	46.1
37.5	45.7	46.6	47.4	48.3	49.2	49.3	49.8	49.8	49.9	49.9	49.9	49.9	50.2	50.2	50.6
39.7	48.3	49.2	50.1	51.0	51.9	52.0	52.5	52.5	52.6	52.6	52.6	52.6	53.0	53.0	53.3
42.0	51.4	52.4	53.5	54.4	55.3	55.6	56.0	56.0	56.1	56.1	56.1	56.1	56.5	56.5	56.8
42.5	51.8	52.8	54.1	55.0	55.9	56.1	56.6	56.6	56.7	56.7	56.7	56.7	57.0	57.0	57.4
45.8	55.2	56.4	57.7	58.6	59.5	59.8	60.2	60.2	60.3	60.3	60.3	60.3	60.7	60.7	61.0
48.8	58.6	59.8	61.3	62.2	63.1	63.3	63.9	63.9	64.0	64.0	64.0	64.0	64.3	64.3	64.7
53.5	64.7	65.8	67.4	68.5	69.5	69.8	70.6	70.6	70.7	70.7	70.7	70.7	71.0	71.0	71.4
54.2	66.0	67.2	68.8	69.9	70.9	71.1	71.9	71.9	72.0	72.0	72.0	72.0	72.4	72.4	72.7
55.7	68.3	69.4	71.0	72.3	73.3	73.5	74.3	74.3	74.4	74.4	74.4	74.4	74.8	74.8	75.1
58.5	73.2	74.9	76.8	78.2	79.2	79.4	80.2	80.2	80.3	80.3	80.3	80.3	80.7	80.8	81.1
59.4	75.1	76.9	79.2	81.0	82.0	82.3	83.1	83.1	83.2	83.2	83.2	83.2	83.5	83.6	84.0
60.1	76.1	78.0	80.6	82.5	83.5	83.8	84.7	84.7	84.8	84.8	84.8	84.8	85.1	85.2	85.6
60.6	77.3	79.2	82.0	84.2	85.2	85.5	86.4	86.4	86.5	86.5	86.5	86.5	86.8	86.9	87.3
61.1	78.5	80.8	83.8	86.6	87.6	87.8	89.0	89.0	89.1	89.1	89.1	89.1	89.4	89.5	89.9
61.5	79.3	81.7	84.7	87.8	89.0	89.3	90.7	90.7	90.8	90.8	90.8	90.8	91.1	91.3	91.6
61.6	80.0	82.4	85.3	88.6	90.0	90.3	92.2	92.2	92.3	92.3	92.3	92.3	92.6	92.7	93.1
61.6	80.5	83.0	85.9	89.7	91.1	91.5	93.5	93.5	93.6	93.6	93.6	93.6	94.0	94.1	94.4
61.6	80.5	83.0	86.0	89.8	91.3	91.8	94.0	94.1	94.2	94.2	94.2	94.2	94.5	94.7	95.0
61.6	80.5	83.0	86.1	90.2	91.8	92.8	95.2	95.7	96.3	96.3	96.3	96.3	96.6	96.7	97.2
61.6	80.5	83.0	86.1	90.3	91.9	93.0	95.3	95.8	96.9	96.9	97.0	97.2	97.6	97.7	98.3
61.6	80.5	83.0	86.1	90.3	91.9	93.0	95.3	95.8	96.9	96.9	97.0	97.3	98.0	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 882

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] COMBS DOWN UK | 73-82 | NOV

PERCENTAGE FREQUENCY OF OCCURRENCE | 1500-1700
BASED ON [illegible] OBSERVATIONS

18.5	21.6	22.5	22.9	23.4	23.6	23.7	23.8	23.9	24.0	24.2	24.2	24.2	24.2	24.2	24.4
27.8	32.7	33.7	34.5	34.9	35.2	35.3	35.5	35.8	36.0	36.2	36.2	36.2	36.2	36.2	36.4
27.9	32.8	33.8	34.6	35.1	35.3	35.4	35.6	36.[illegible]	36.1	36.3	36.3	36.3	36.3	36.3	36.5
28.1	33.0	34.0	34.8	35.3	35.5	35.6	35.8	36.2	36.3	36.5	36.5	36.5	36.5	36.5	36.7
28.8	33.8	34.9	35.7	36.3	36.5	36.6	36.9	37.2	37.3	37.5	37.5	37.5	37.5	37.5	37.8
29.2	34.3	35.5	36.5	37.1	37.3	37.4	37.6	38.0	38.1	38.3	38.3	38.3	38.3	38.3	38.5
31.5	36.9	38.1	39.2	39.9	40.2	40.3	40.6	40.9	41.0	41.2	41.2	41.2	41.2	41.2	41.5
32.1	38.0	39.3	40.7	41.3	41.7	41.8	42.0	42.4	42.5	42.7	42.7	42.7	42.7	42.7	42.9
32.6	38.4	39.8	41.1	41.8	42.2	42.4	42.6	42.9	43.0	43.3	43.3	43.3	43.3	43.3	43.5
32.7	38.5	39.9	41.2	41.9	42.4	42.5	42.7	43.0	43.1	43.4	43.4	43.4	43.4	43.4	43.6
33.1	39.2	40.6	42.1	42.9	43.4	43.5	43.7	44.0	44.2	44.4	44.4	44.4	44.4	44.4	44.6
35.2	42.2	43.7	45.5	46.4	47.0	47.1	47.3	47.6	47.8	48.0	48.0	48.0	48.0	48.0	48.2
37.8	45.6	47.1	49.1	50.2	50.8	50.9	51.2	51.6	51.7	51.9	51.9	51.9	51.9	51.9	52.1
40.0	48.2	49.7	51.8	53.1	53.7	53.8	54.2	54.5	54.6	54.8	54.8	54.8	54.8	54.8	55.1
41.2	49.9	51.5	53.7	55.1	55.6	55.7	56.1	56.4	56.5	56.7	56.7	56.7	56.7	56.7	57.0
44.8	54.0	55.8	58.3	59.7	60.2	60.3	60.7	61.0	61.1	61.3	61.3	61.3	61.3	61.3	61.6
47.3	57.8	59.6	62.1	63.6	64.2	64.4	64.9	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.8
50.7	62.7	64.5	67.6	69.3	70.1	70.3	71.2	71.6	71.8	72.0	72.0	72.0	72.0	72.0	72.2
52.4	64.6	66.6	69.9	71.7	72.5	72.7	73.6	74.2	74.4	74.6	74.6	74.6	74.6	74.6	74.8
54.6	68.0	70.1	73.5	75.5	76.4	76.6	77.5	78.1	78.3	78.5	78.5	78.5	78.5	78.5	78.8
56.3	71.5	73.7	77.5	79.6	80.7	80.9	81.9	82.6	82.8	83.0	83.0	83.0	83.0	83.0	83.3
57.1	73.3	75.8	80.2	82.6	83.8	84.0	85.2	85.8	86.1	86.3	86.3	86.3	86.3	86.3	86.5
57.2	73.7	76.5	81.0	83.5	84.8	85.1	86.2	86.9	87.1	87.3	87.3	87.3	87.3	87.3	87.5
57.3	74.7	77.6	82.6	85.2	86.5	86.7	88.4	89.1	89.3	89.6	89.6	89.6	89.6	89.6	89.8
57.5	75.4	78.7	83.7	86.5	88.1	88.4	90.2	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.6
58.0	76.0	79.6	85.1	88.0	90.0	90.3	92.1	92.9	93.1	93.4	93.4	93.4	93.4	93.4	93.6
58.0	76.2	80.0	85.5	88.8	90.9	91.2	93.3	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.7
58.0	76.6	80.4	86.0	89.4	91.9	92.2	94.3	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.8
58.0	76.6	80.4	86.2	89.9	92.4	92.7	95.1	96.0	96.2	96.4	96.4	96.4	96.5	96.5	96.7
58.0	76.6	80.6	86.3	90.0	92.6	93.0	95.7	96.6	96.9	97.1	97.1	97.1	97.2	97.2	97.4
58.0	76.6	80.6	86.3	90.1	92.7	93.1	96.0	97.0	97.3	97.5	97.5	97.5	98.0	98.0	98.3
58.0	76.6	80.6	86.3	90.1	92.7	93.1	96.0	97.0	97.4	97.6	97.6	97.8	98.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 890

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

BOSCOMBE DOWN UK 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

17.8	24.5	25.2	26.7	27.0	27.7	27.8	28.0	28.5	28.7	28.8	28.9	28.9	28.9	28.9	29.1
25.8	35.8	37.0	38.8	39.6	40.3	40.4	40.7	41.3	41.5	41.6	41.6	41.7	41.7	41.7	42.0
25.8	35.8	37.0	38.8	39.6	40.3	40.4	40.7	41.3	41.5	41.6	41.6	41.7	41.7	41.7	42.0
25.8	35.8	37.0	38.8	39.6	40.3	40.4	40.7	41.3	41.5	41.6	41.6	41.7	41.7	41.7	42.0
26.5	36.7	38.0	39.9	40.7	41.4	41.5	41.8	42.4	42.6	42.7	42.7	42.9	42.9	42.9	43.1
27.0	37.2	38.8	41.1	42.1	42.9	43.0	43.3	43.9	44.1	44.2	44.2	44.3	44.3	44.3	44.5
28.5	38.9	40.8	43.1	44.1	44.9	45.0	45.3	45.9	46.1	46.2	46.2	46.3	46.3	46.3	46.6
28.8	39.7	41.6	43.9	44.9	45.7	45.8	46.1	46.7	46.9	47.0	47.0	47.1	47.1	47.1	47.4
28.9	39.9	41.5	44.1	45.1	45.9	46.0	46.3	46.9	47.1	47.2	47.2	47.4	47.4	47.4	47.6
29.2	40.3	42.2	44.7	45.7	46.5	46.6	46.9	47.5	47.7	47.8	47.8	47.9	47.9	47.9	48.1
30.1	41.2	43.1	45.7	46.7	47.5	47.6	47.9	48.5	48.7	48.8	48.8	48.9	48.9	48.9	49.2
31.2	43.1	45.2	48.4	49.6	50.4	50.5	50.8	51.4	51.6	51.7	51.7	51.9	51.9	51.9	52.1
32.6	45.1	47.4	50.6	51.9	52.6	52.8	53.1	53.7	53.9	54.0	54.0	54.1	54.1	54.1	54.3
33.7	46.8	49.2	52.4	53.7	54.4	54.6	54.9	55.5	55.7	55.8	55.8	55.9	55.9	55.9	56.1
34.9	48.0	50.6	54.3	55.6	56.4	56.5	56.8	57.4	57.6	57.7	57.7	57.8	57.8	57.8	58.0
37.8	51.5	54.4	58.7	60.2	61.0	61.1	61.4	62.0	62.2	62.3	62.3	62.4	62.4	62.4	62.7
39.9	54.9	57.8	62.3	63.9	64.7	64.8	65.2	65.8	66.0	66.1	66.1	66.3	66.3	66.3	66.5
41.8	58.7	61.9	66.7	68.4	69.2	69.4	70.1	70.8	71.0	71.1	71.1	71.2	71.2	71.2	71.4
43.1	60.9	64.2	69.2	71.0	71.8	72.0	72.7	73.3	73.6	73.7	73.7	73.8	73.8	73.8	74.0
44.3	63.4	67.2	72.3	74.1	75.0	75.3	75.9	76.7	76.9	77.1	77.1	77.2	77.2	77.2	77.5
45.7	66.5	70.6	75.8	78.0	79.0	79.2	80.0	80.8	81.1	81.2	81.2	81.3	81.3	81.3	81.7
46.2	68.6	72.8	78.3	80.8	81.8	82.0	82.8	83.6	83.9	84.0	84.0	84.1	84.1	84.1	84.5
46.5	69.1	73.3	78.9	81.6	82.6	82.9	83.9	84.7	85.0	85.2	85.2	85.3	85.3	85.3	85.6
46.7	69.7	74.4	80.0	82.8	83.8	84.1	85.2	86.1	86.4	86.5	86.5	86.6	86.6	86.6	87.0
47.1	70.4	75.6	81.3	84.8	85.9	86.5	87.7	88.6	89.0	89.1	89.1	89.2	89.2	89.2	89.5
47.2	71.0	76.2	82.2	85.7	86.8	87.4	89.0	90.1	90.4	90.6	90.6	90.7	90.7	90.7	91.0
47.4	71.4	76.7	82.8	86.3	87.6	88.2	89.9	91.1	91.5	91.6	91.6	91.7	91.7	91.7	92.0
47.6	71.8	77.2	83.4	86.8	88.3	88.9	90.9	92.2	92.6	92.7	92.7	92.8	92.8	92.8	93.1
47.6	72.0	77.5	84.1	87.7	89.4	90.2	92.6	93.9	94.4	94.5	94.5	94.6	94.6	94.6	94.9
47.6	72.1	77.6	84.4	88.0	89.8	90.8	93.4	94.7	95.3	95.5	95.5	95.6	95.6	95.6	96.1
47.6	72.1	77.6	84.4	88.0	89.8	91.1	93.8	95.3	96.0	96.3	96.3	96.4	96.4	96.4	97.1
47.6	72.1	77.6	84.4	88.0	89.8	91.2	93.9	95.4	96.2	96.5	96.5	96.6	96.7	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0100-2300

18.2	26.2	28.8	30.9	32.3	33.5	34.2	35.4	35.7	36.1	36.2	36.2	36.4	36.4	36.6	37.1
21.9	31.8	34.9	38.1	40.2	41.4	42.1	43.3	43.5	44.0	44.1	44.1	44.3	44.3	44.4	45.0
21.9	31.8	34.9	38.1	40.2	41.4	42.1	43.3	43.5	44.0	44.1	44.1	44.3	44.3	44.4	45.0
21.9	31.8	34.9	38.1	40.2	41.4	42.1	43.3	43.5	44.0	44.1	44.1	44.3	44.3	44.4	45.0
21.9	31.8	34.9	38.1	40.2	41.4	42.1	43.3	43.5	44.0	44.1	44.1	44.3	44.3	44.4	45.0
22.8	33.0	36.0	39.4	41.4	42.6	43.3	44.5	44.8	45.2	45.3	45.3	45.6	45.6	45.7	46.2
23.8	34.3	37.5	40.8	43.0	44.2	44.9	46.1	46.3	46.8	46.9	46.9	47.1	47.1	47.2	47.8
24.4	35.1	38.2	41.6	43.9	45.1	45.8	47.0	47.2	47.7	47.8	47.8	48.0	48.1	48.3	48.8
24.6	35.3	38.5	41.8	44.1	45.3	46.0	47.2	47.5	47.9	48.0	48.0	48.3	48.4	48.5	49.0
24.9	35.5	38.7	42.1	44.3	45.6	46.2	47.5	47.7	48.1	48.3	48.3	48.5	48.6	48.7	49.3
25.6	37.0	40.2	43.6	45.9	47.1	47.9	49.2	49.4	49.8	49.9	49.9	50.2	50.3	50.4	51.0
27.4	40.0	43.5	48.3	50.6	52.0	52.8	54.0	54.2	54.7	54.8	54.8	55.0	55.1	55.2	55.8
28.3	41.6	45.1	50.1	52.5	53.9	54.7	56.0	56.2	56.7	56.8	56.8	57.0	57.1	57.3	57.8
29.6	43.1	46.6	51.7	54.3	55.7	56.5	57.8	58.0	56.5	58.6	58.6	58.8	58.9	59.1	59.6
30.6	44.3	47.9	53.2	55.8	57.1	57.9	59.3	59.5	60.0	60.1	60.1	60.3	60.4	60.5	61.1
33.4	49.0	52.9	58.5	61.3	62.7	63.4	64.8	65.0	65.5	65.6	65.6	65.8	65.9	66.0	66.7
35.3	52.0	55.8	61.4	64.2	65.6	66.4	67.7	67.9	68.4	68.5	68.5	68.7	68.8	69.0	69.6
37.3	55.5	59.5	65.2	68.2	69.7	70.6	72.1	72.3	72.8	72.9	72.9	73.1	73.2	73.3	74.0
37.8	56.2	60.4	66.4	69.3	70.9	71.8	73.2	73.5	74.0	74.1	74.1	74.4	74.5	74.6	75.3
38.7	57.7	62.1	68.2	71.1	72.8	73.7	75.3	75.5	76.0	76.2	76.2	76.5	76.6	76.7	77.4
40.3	60.3	64.7	71.4	74.6	76.3	77.2	78.7	79.0	79.5	79.6	79.6	80.0	80.1	80.2	80.9
41.4	62.5	66.9	73.9	77.2	79.2	80.1	81.8	82.0	82.6	82.7	82.7	83.0	83.1	83.2	83.9
41.5	63.	67.5	74.7	78.0	80.0	80.9	82.7	82.9	83.5	83.6	83.6	83.9	84.0	84.1	84.8
41.8	64.0	68.4	75.7	79.3	81.3	82.2	84.0	84.3	84.8	84.9	84.9	85.3	85.4	85.6	86.3
42.0	64.8	69.4	76.9	80.9	82.9	83.8	85.7	86.1	86.6	86.7	86.7	87.1	87.2	87.4	88.1
42.2	65.5	70.2	78.0	82.0	84.1	85.0	87.2	87.6	88.2	88.3	88.3	88.6	88.8	89.0	89.7
42.3	66.0	71.0	78.9	82.9	85.0	85.9	88.4	89.0	89.5	89.7	89.7	90.0	90.1	90.3	91.0
42.7	67.2	72.2	80.1	84.1	86.3	87.3	90.0	90.8	91.5	91.6	91.6	91.9	92.1	92.4	93.0
42.7	67.6	72.8	81.1	85.3	87.5	88.6	91.7	92.7	93.4	93.5	93.5	93.8	94.0	94.3	94.9
42.7	67.6	72.8	81.1	85.3	87.5	88.9	92.0	93.0	93.8	93.9	93.9	94.3	94.5	94.7	95.4
42.7	67.6	72.8	81.1	85.4	87.7	89.1	92.5	93.6	94.6	94.7	94.7	95.1	95.3	95.5	96.2
42.7	67.6	72.8	81.1	85.4	87.7	89.1	92.5	93.6	94.9	95.3	95.3	95.6	96.1	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27460 BOSCOMBE DOWN UK 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS ALL

18.0	23.3	24.5	25.6	26.4	27.1	27.5	28.3	28.4	28.6	28.6	28.6	28.8	29.2	29.4	29.8
24.0	31.1	32.6	34.4	35.7	36.4	37.0	37.9	38.2	38.3	38.4	38.4	38.7	39.1	39.4	39.9
24.1	31.2	32.7	34.5	35.8	36.5	37.1	38.0	38.3	38.4	38.5	38.5	38.8	39.2	39.5	40.0
24.2	31.3	32.8	34.6	35.8	36.6	37.1	38.1	38.4	38.5	38.6	38.6	38.9	39.3	39.5	40.0
24.5	31.7	33.3	35.1	36.3	37.1	37.6	38.6	38.9	39.0	39.1	39.1	39.4	39.8	40.0	40.5
25.1	32.5	34.1	36.1	37.4	38.2	38.7	39.7	40.0	40.2	40.2	40.2	40.5	41.0	41.2	41.7
26.5	34.2	35.9	38.0	39.4	40.2	40.8	41.8	42.1	42.3	42.3	42.3	42.6	43.1	43.3	43.8
27.1	34.8	36.7	38.7	40.2	41.1	41.7	42.7	43.0	43.2	43.3	43.3	43.6	44.0	44.3	44.8
27.3	35.2	37.0	39.1	40.6	41.5	42.1	43.2	43.5	43.7	43.7	43.7	44.0	44.5	44.7	45.2
27.6	35.5	37.4	39.5	41.0	41.9	42.5	43.6	43.9	44.1	44.2	44.2	44.5	44.9	45.2	45.7
28.6	36.8	38.6	40.8	42.4	43.3	44.0	45.0	45.4	45.6	45.6	45.6	45.9	46.4	46.6	47.1
30.3	39.6	41.8	44.4	46.0	47.0	47.7	48.9	49.2	49.4	49.5	49.5	49.8	50.3	50.5	51.0
31.7	41.6	43.8	46.6	48.3	49.4	50.1	51.3	51.7	51.9	51.9	52.0	52.3	52.8	53.0	53.5
33.4	43.8	46.1	49.0	50.8	51.9	52.7	53.9	54.2	54.4	54.5	54.5	54.9	55.4	55.6	56.1
34.4	45.0	47.4	50.5	52.3	53.4	54.1	55.4	55.8	56.0	56.1	56.1	56.4	56.9	57.1	57.7
37.3	48.6	51.3	54.6	56.5	57.7	58.4	59.8	60.1	60.4	60.4	60.4	60.8	61.3	61.5	62.0
39.8	52.1	54.8	58.3	60.3	61.5	62.3	63.7	64.1	64.3	64.4	64.4	64.8	65.3	65.5	66.0
42.6	56.3	59.2	62.9	65.1	66.4	67.3	68.8	69.2	69.4	69.5	69.5	69.9	70.4	70.6	71.1
43.5	57.6	60.6	64.4	66.7	68.1	68.9	70.5	70.9	71.2	71.2	71.3	71.6	72.1	72.3	72.9
44.7	59.7	62.9	66.9	69.3	70.7	71.7	73.2	73.7	74.0	74.0	74.0	74.4	74.9	75.1	75.7
46.6	62.9	66.4	70.7	73.3	74.8	75.8	77.4	77.9	78.2	78.3	78.3	78.6	79.1	79.4	79.9
47.4	64.6	68.3	72.8	75.6	77.2	78.2	79.8	80.3	80.6	80.7	80.7	81.0	81.5	81.8	82.3
47.7	65.2	68.9	73.6	76.5	78.1	79.1	80.9	81.4	81.7	81.8	81.8	82.1	82.6	82.9	83.4
48.1	66.2	70.0	74.9	77.9	79.6	80.6	82.5	83.0	83.3	83.3	83.4	83.7	84.2	84.5	85.0
48.5	67.2	71.4	76.4	79.8	81.5	82.6	84.6	85.1	85.4	85.5	85.5	85.9	86.4	86.6	87.2
48.7	68.0	72.2	77.6	81.1	82.9	84.0	86.2	86.8	87.1	87.2	87.2	87.5	88.0	88.3	88.9
48.8	68.5	73.0	78.4	82.1	84.0	85.2	87.6	88.2	88.6	88.6	88.7	89.0	89.5	89.8	90.3
48.9	69.0	73.6	79.3	83.2	85.3	86.5	89.1	89.8	90.1	90.2	90.2	90.6	91.1	91.4	92.0
48.9	69.2	73.9	79.9	84.1	86.3	87.7	90.5	91.2	91.6	91.7	91.7	92.0	92.6	92.8	93.4
48.9	69.2	74.0	80.1	84.5	86.8	88.4	91.4	92.3	92.8	92.9	92.9	93.3	93.9	94.2	94.8
48.9	69.2	74.0	80.2	84.7	87.1	88.8	92.0	93.0	93.8	94.0	94.0	94.5	95.2	95.5	96.4
48.9	69.2	74.0	80.2	84.7	87.1	88.8	92.1	93.1	94.2	94.4	94.5	95.2	96.3	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7132

USAFETAC [illegible] PREVIOUS EDITIONS ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BOSCOMBE DOWN UK 73-67 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2000-0200

15.4	19.9	21.4	22.1	23.3	24.5	24.8	26.3	26.6	26.9	27.3	27.4	27.9	28.4	28.4	29.5
18.3	23.6	25.1	26.2	27.4	28.7	29.1	31.0	31.3	31.6	32.0	32.1	32.6	33.2	33.2	34.3
18.4	23.9	25.5	26.6	27.8	29.1	29.4	31.4	31.6	31.9	32.3	32.5	32.9	33.6	33.6	34.6
18.4	23.9	25.5	26.6	27.8	29.1	29.4	31.4	31.6	31.9	32.3	32.5	32.9	33.6	33.6	34.6
18.7	24.3	25.8	26.9	28.1	29.4	29.7	31.7	32.0	32.3	32.8	32.9	33.3	34.0	34.0	35.1
19.2	25.5	27.0	28.1	29.3	30.6	30.9	32.9	33.2	33.6	34.0	34.1	34.5	35.2	35.2	36.3
20.1	26.6	28.1	29.2	30.4	31.7	32.0	34.0	34.3	34.6	35.1	35.2	35.6	36.4	36.4	37.5
20.4	26.9	28.4	29.5	30.7	32.1	32.5	34.4	34.8	35.1	35.5	35.6	36.1	36.8	36.8	37.9
20.5	27.1	28.7	29.8	31.0	32.5	32.8	34.8	35.2	35.5	36.0	36.1	36.5	37.4	37.4	38.6
20.8	27.7	29.3	30.4	31.6	33.0	33.7	35.6	36.1	36.4	36.8	36.9	37.4	38.4	38.4	39.6
21.2	28.2	29.8	31.0	32.3	33.8	34.5	36.5	36.9	37.3	37.7	37.8	38.3	39.2	39.2	40.4
22.1	29.8	31.6	32.9	34.3	35.8	36.8	38.8	39.2	39.6	40.0	40.1	40.5	41.5	41.5	42.7
22.7	31.1	33.1	34.4	35.8	37.5	38.5	40.5	41.1	41.4	41.9	42.0	42.4	43.5	43.6	44.9
24.3	33.6	35.7	37.2	38.6	40.2	41.3	43.4	43.9	44.3	44.7	44.8	45.2	46.3	46.4	47.8
25.1	35.1	37.4	39.0	40.4	42.1	43.2	45.4	45.9	46.2	46.7	46.8	47.2	48.3	48.4	49.7
27.8	38.9	41.5	43.6	45.1	47.1	48.2	50.7	51.3	51.6	52.0	52.1	52.6	53.7	53.8	55.1
28.5	40.1	43.0	45.5	47.3	49.5	50.7	53.6	54.3	54.8	55.2	55.3	55.7	56.8	56.9	58.3
30.6	43.6	46.7	49.4	51.6	53.8	55.0	58.3	59.2	59.7	60.1	60.2	60.7	61.9	62.0	63.4
31.5	45.5	48.6	51.7	54.0	56.2	57.4	60.7	61.6	62.1	62.5	62.6	63.1	64.3	64.4	65.9
32.8	48.7	52.7	55.7	58.1	60.4	61.6	65.2	66.3	66.9	67.3	67.4	67.9	69.1	69.2	70.7
34.3	51.1	55.2	58.6	61.1	63.7	64.9	68.7	69.8	70.5	70.9	71.0	71.6	72.8	72.9	74.4
35.4	53.1	57.4	61.0	63.6	66.3	67.7	71.6	72.7	73.4	73.9	74.0	74.5	75.7	75.8	77.4
35.5	54.0	58.4	62.2	64.8	67.7	69.1	73.0	74.1	74.9	75.3	75.4	76.0	77.2	77.3	78.8
36.0	55.1	59.8	63.6	66.2	69.1	70.5	74.5	75.6	76.5	76.9	77.0	77.6	78.8	78.9	80.4
36.5	56.9	62.1	65.9	68.9	71.7	73.1	77.2	78.3	79.1	79.6	79.7	80.2	81.4	81.5	83.1
36.9	58.3	63.6	67.5	70.6	73.7	75.3	79.3	80.4	81.3	81.7	81.9	82.4	83.6	83.7	85.2
37.4	59.2	64.7	68.9	72.2	75.3	77.0	81.1	82.2	83.1	83.5	83.6	84.2	85.4	85.5	87.0
37.6	59.9	65.5	70.6	74.2	77.4	79.1	83.2	84.3	85.2	85.7	85.8	86.3	87.5	87.7	89.2
37.6	60.4	66.1	71.7	75.4	78.8	80.7	85.0	86.1	87.1	87.7	87.8	88.3	89.5	89.6	91.1
37.6	60.4	66.1	72.0	76.7	80.3	82.6	87.5	88.6	89.7	90.4	90.5	91.1	92.5	92.6	94.1
37.6	60.7	66.3	72.2	76.9	80.5	83.1	88.3	90.3	91.5	92.5	92.7	93.7	95.3	95.5	97.4
37.6	60.7	66.3	72.2	76.9	80.5	83.1	88.5	90.5	91.7	92.7	93.0	94.1	96.4	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 915

USAFETAC [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7746 BOSCOMBE DOWN UK 73-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

13.9	17.4	19.1	20.1	20.9	21.3	21.7	23.5	24.2	24.3	24.6	24.7	24.9	25.1	25.3	26.9
16.4	20.2	22.2	23.5	24.2	24.8	25.4	27.4	28.2	28.4	28.7	28.8	29.0	29.4	29.6	31.2
16.5	20.3	22.3	23.6	24.5	25.1	25.8	27.7	28.5	28.7	29.0	29.1	29.4	29.7	29.9	31.6
16.6	20.4	22.4	23.7	24.6	25.2	25.9	27.8	28.6	28.8	29.1	29.3	29.5	29.8	30.0	31.7
16.7	20.5	22.5	23.8	24.7	25.3	26.0	27.9	28.7	28.9	29.3	29.4	29.6	29.9	30.1	31.8
17.0	20.9	22.8	24.2	25.1	25.8	26.4	28.5	29.3	29.5	29.8	29.9	30.1	30.5	30.7	32.3
17.7	22.1	24.0	25.4	26.3	27.0	27.6	29.7	30.5	30.7	31.0	31.1	31.3	31.7	31.9	33.5
18.1	22.5	24.5	26.0	27.0	27.6	28.3	30.3	31.1	31.3	31.7	31.8	32.0	32.3	32.5	34.2
18.2	22.6	24.6	26.1	27.1	27.7	28.4	30.5	31.2	31.4	31.8	31.9	32.1	32.4	32.6	34.3
18.6	22.9	24.9	26.4	27.4	28.1	28.7	30.9	31.7	31.9	32.2	32.3	32.5	32.9	33.1	34.7
19.5	24.1	26.2	28.1	29.3	29.9	30.7	32.9	33.6	33.8	34.2	34.3	34.6	34.9	35.2	36.8
21.4	26.7	28.9	30.9	32.1	32.8	33.5	35.7	36.5	36.7	37.0	37.1	37.4	37.8	38.0	39.6
22.1	28.1	30.3	32.4	33.6	34.3	35.2	37.8	38.5	38.8	39.1	39.2	39.5	39.8	40.1	41.7
23.0	29.7	32.2	34.3	35.6	36.2	37.2	40.1	40.9	41.3	41.6	41.7	42.0	42.4	42.6	44.2
24.5	31.8	34.5	36.6	37.9	38.5	39.5	42.6	43.4	43.8	44.1	44.2	44.5	44.9	45.1	46.7
27.0	35.9	38.8	40.9	42.4	43.1	44.2	47.5	48.4	48.8	49.1	49.2	49.6	49.9	50.2	52.0
28.9	38.8	42.0	44.2	45.6	46.7	47.8	51.3	52.3	52.7	53.1	53.2	53.6	54.0	54.4	56.1
32.1	43.1	46.5	49.0	50.4	51.6	52.8	56.7	57.6	58.2	58.5	58.6	59.1	59.5	59.8	61.6
33.0	44.4	47.9	50.5	52.4	53.6	54.9	58.8	59.8	60.4	60.7	60.8	61.2	61.8	62.1	63.9
34.3	46.4	50.2	53.2	55.1	56.8	58.1	62.1	63.1	63.6	64.0	64.1	64.5	65.1	65.4	67.1
36.1	49.6	54.5	57.6	59.9	61.8	63.1	67.2	68.3	68.9	69.2	69.3	69.8	70.3	70.6	72.6
37.1	51.7	57.1	60.6	62.9	64.7	66.0	70.2	71.4	72.1	72.4	72.5	72.9	73.5	73.8	75.8
37.8	52.5	58.1	61.6	63.9	65.7	67.0	71.3	72.5	73.1	73.5	73.6	74.0	74.6	74.9	76.9
37.9	53.8	59.5	63.2	65.5	67.4	68.7	72.9	74.1	74.8	75.1	75.2	75.7	76.2	76.5	78.5
38.4	56.1	61.9	65.8	68.6	70.4	71.7	76.0	77.2	77.9	78.4	78.5	78.9	79.5	79.8	81.8
38.8	57.2	63.2	67.2	70.0	71.8	73.1	77.4	78.6	79.4	79.8	79.9	80.3	80.9	81.2	83.2
38.8	58.2	64.4	68.7	71.5	73.4	74.7	78.9	80.1	80.9	81.3	81.4	81.9	82.4	82.8	84.7
39.1	58.8	65.4	69.9	73.1	75.3	76.9	81.2	82.4	83.2	83.6	83.7	84.2	84.7	85.0	87.0
39.1	59.1	65.9	71.2	74.6	77.0	78.6	83.5	84.8	85.7	86.2	86.4	86.8	87.3	87.7	89.6
39.1	59.1	65.9	71.5	75.3	77.7	79.9	85.7	87.2	88.1	88.8	88.9	89.3	89.8	90.2	92.1
39.1	59.1	66.2	71.8	76.1	78.5	81.0	87.6	89.6	91.2	92.2	92.4	92.8	93.4	93.8	96.3
39.1	59.1	66.2	71.8	76.1	78.5	81.0	87.7	89.7	91.6	93.0	93.1	94.1	95.1	95.9	100.0

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] COMBINED DOWN [illegible] 73-82 [illegible]

15.3	15.4	16.8	17.9	18.5	19.0	19.2	19.9	20.2	20.2	20.4	20.8	20.8	21.2	21.4	22.7
16.4	19.7	21.3	22.4	23.4	24.3	24.8	25.5	25.9	25.9	26.1	26.4	26.4	26.9	27.1	28.4
16.4	19.7	21.3	22.4	23.5	24.5	25.0	25.8	26.2	26.2	26.4	26.9	26.9	27.3	27.5	28.9
16.4	19.7	21.3	22.5	23.6	24.6	25.1	25.9	26.3	26.4	26.7	27.1	27.1	27.5	27.8	29.1
16.8	20.1	21.9	23.1	24.2	25.2	25.8	26.7	27.1	27.2	27.4	27.9	27.9	28.3	28.5	29.8
17.5	20.9	22.6	23.8	24.9	26.0	26.6	27.4	27.9	28.0	28.2	28.6	28.6	29.2	29.4	30.7
17.9	21.4	23.4	24.6	25.7	6.9	27.4	28.3	28.7	28.9	29.1	29.5	29.5	30.1	30.3	31.7
18.0	21.9	23.8	25.0	26.1	27.4	28.0	28.9	29.3	29.4	29.6	30.1	30.1	30.6	30.8	32.2
18.0	21.9	23.8	25.0	26.1	27.4	28.0	28.9	29.3	29.4	29.6	30.1	30.1	30.6	30.8	32.2
18.0	21.9	23.8	25.0	26.1	27.4	28.0	28.9	29.3	29.4	29.6	30.1	30.1	30.6	30.8	32.2
19.3	23.3	25.5	26.7	27.9	29.2	29.7	30.8	31.3	31.4	31.9	32.0	32.2	32.8	33.1	34.5
21.4	26.0	28.5	30.1	31.3	32.6	33.1	34.2	34.6	34.8	35.[illegible]	35.4	35.6	36.2	36.5	37.9
22.0	27.0	29.5	31.1	32.3	33.7	34.2	35.4	35.8	36.0	36.2	36.6	36.8	37.4	37.7	39.1
22.7	28.4	31.3	33.1	34.3	35.7	36.3	37.5	37.9	38.0	38.3	38.7	38.9	39.5	39.8	41.2
23.6	29.5	32.5	34.3	35.6	37.0	37.6	38.9	39.3	39.5	39.7	40.1	40.3	40.9	41.2	42.6
27.8	34.9	38.1	40.4	41.7	43.3	44.0	45.4	45.9	46.0	46.2	46.7	46.9	47.4	47.8	49.2
30.5	36.0	41.6	43.9	45.7	47.5	48.4	50.4	50.9	51.0	51.4	51.8	52.2	52.8	53.1	54.5
33.3	42.2	46.2	48.9	50.7	52.8	53.8	55.7	56.3	56.4	56.7	57.2	57.7	58.4	58.7	60.2
34.5	43.8	48.9	50.9	52.9	55.1	56.4	58.5	59.0	59.1	59.5	60.0	60.5	61.2	61.5	63.1
36.2	46.2	50.8	54.0	56.1	58.5	59.8	62.0	62.5	62.6	63.0	63.5	64.0	64.7	65.0	66.6
37.5	49.1	53.8	57.4	59.9	62.4	63.7	66.3	66.9	67.0	67.[illegible]	67.9	68.4	69.1	69.4	70.9
39.3	52.2	57.0	60.8	63.6	66.2	67.5	70.2	70.7	70.8	71.1	71.7	72.2	72.9	73.2	74.8
39.8	53.2	58.7	61.9	64.8	67.5	68.9	71.5	72.0	72.1	72.5	73.0	73.6	74.2	74.5	76.1
40.3	54.5	59.3	63.8	66.9	69.7	71.0	73.7	74.2	74.3	74.6	75.2	75.7	76.4	76.7	78.3
40.8	55.7	60.8	66.0	69.4	72.2	73.6	76.3	76.9	77.0	77.4	77.9	78.5	79.1	79.5	81.0
41.1	57.3	62.8	68.5	72.0	75.0	76.3	79.3	80.0	80.1	80.4	81.0	81.6	82.3	82.6	84.2
41.1	57.9	63.7	69.6	73.3	76.3	77.6	80.7	81.3	81.4	81.7	82.3	83.0	83.6	83.9	85.5
41.2	58.5	64.3	70.6	74.4	77.5	78.8	82.1	82.7	83.0	83.4	83.9	84.6	85.2	85.6	87.1
41.3	58.8	65.7	71.8	76.2	79.3	81.0	84.7	85.4	85.7	86.1	86.7	87.3	88.0	88.3	89.8
41.3	59.0	65.2	72.2	76.9	80.1	82.0	86.1	86.8	87.2	87.7	88.3	89.0	89.6	89.9	91.5
41.3	59.0	65.2	72.3	77.7	81.3	83.3	88.0	88.9	90.2	91.4	92.0	93.0	94.2	94.5	97.3
41.3	59.0	65.2	72.5	77.8	81.4	83.4	88.2	89.1	90.5	91.7	92.3	93.6	95.6	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 915

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BOULDER DOWN UP 73-82 DEC

PER CENTAGE FREQUENCY OF OCCURRENCE 900-1100
FROM HOURLY OBSERVATIONS

15.7	16.3	17.7	19.7	20.8	21.3	21.5	21.9	22.1	22.1	22.1	22.1	22.2	22.7	22.7	23.6
18.4	22.5	23.4	26.8	28.0	28.7	29.2	29.6	29.9	29.9	29.9	29.9	30.1	31.1	31.2	32.3
18.8	23.2	24.3	27.4	28.6	29.4	29.8	30.3	30.6	30.6	30.6	30.6	30.8	31.9	31.9	33.0
19.2	23.5	24.4	27.7	28.9	29.7	30.1	30.6	30.9	30.9	30.9	30.9	31.1	32.1	32.2	33.3
19.5	23.9	24.8	28.2	29.4	30.1	30.7	31.1	31.4	31.4	31.4	31.4	31.7	32.5	32.8	33.8
20.1	24.5	25.4	28.7	30.0	30.8	31.3	31.8	32.1	32.1	32.1	32.1	32.3	33.3	33.4	34.5
21.5	26.2	27.1	30.5	31.8	32.5	33.1	33.5	33.8	33.9	33.9	33.9	34.2	35.1	35.3	36.3
22.0	27.0	27.9	31.3	32.6	33.4	33.9	34.5	34.8	34.9	34.9	34.9	35.1	36.1	36.2	37.4
22.3	27.5	28.4	31.9	33.4	34.2	34.7	35.4	35.7	35.8	35.8	35.8	36.0	37.0	37.1	38.3
22.7	28.0	28.8	32.3	33.8	34.6	35.1	35.8	36.1	36.2	36.2	36.2	36.5	37.4	37.5	38.7
23.6	29.1	30.0	33.8	35.4	36.5	37.0	37.6	38.0	38.1	38.1	38.1	38.3	39.3	39.4	40.5
24.8	31.0	32.0	35.9	37.4	38.5	39.1	39.7	40.0	40.2	40.3	40.3	40.5	41.5	41.6	42.8
25.8	32.8	33.9	39.1	39.6	40.8	41.5	42.2	42.7	42.8	42.9	42.9	43.1	44.1	44.2	45.4
26.9	34.5	35.7	39.9	41.7	42.9	43.5	44.5	44.9	45.0	45.2	45.2	45.4	46.4	46.5	47.7
27.1	34.8	36.0	40.4	42.2	43.6	44.3	45.3	45.7	45.8	45.9	45.9	46.1	47.1	47.2	48.4
29.8	37.8	39.2	43.7	45.6	47.7	48.0	49.0	49.4	49.5	49.6	49.6	49.8	50.8	50.9	52.1
31.8	40.5	42.3	47.4	49.8	51.8	52.6	53.6	54.4	54.5	54.6	54.6	54.8	55.6	55.9	57.1
34.2	44.4	46.4	51.7	54.4	56.4	57.2	58.4	59.5	59.6	59.7	59.7	60.0	60.9	61.0	62.2
36.0	46.8	48.9	54.4	57.3	59.3	60.2	61.4	62.5	62.6	62.7	62.7	62.9	63.9	64.0	65.2
37.1	48.3	50.6	56.7	59.8	61.8	62.7	64.2	65.3	65.4	65.5	65.5	65.7	66.7	66.8	68.0
39.1	51.3	53.6	59.8	63.3	65.4	66.4	68.1	69.3	69.4	69.5	69.5	69.7	70.7	70.8	72.0
40.3	53.1	55.5	62.0	65.5	67.6	68.6	70.3	71.5	71.6	71.7	71.7	71.9	72.9	73.0	74.2
41.2	54.6	57.1	63.7	67.1	69.2	70.2	71.9	73.1	73.2	73.3	73.3	73.6	74.5	74.6	75.8
42.0	55.6	58.3	65.1	68.8	70.8	71.9	73.7	75.0	75.1	75.2	75.2	75.4	76.4	76.5	77.7
42.9	57.3	60.2	67.1	71.5	73.7	74.8	76.5	77.8	77.9	78.0	78.0	78.2	79.3	79.4	80.6
43.4	58.8	61.8	69.3	73.9	76.4	77.8	79.7	81.0	81.1	81.2	81.3	81.5	82.6	82.7	83.9
43.7	59.5	62.7	70.4	75.2	77.7	79.1	81.2	82.5	82.6	82.7	82.8	83.0	84.1	84.2	85.4
43.7	59.8	63.0	71.1	76.3	79.4	81.1	83.5	84.9	85.2	85.3	85.4	85.6	86.7	86.8	88.0
43.7	60.3	63.7	71.9	77.4	81.0	82.9	86.0	87.7	88.0	88.1	88.2	88.5	89.6	89.7	90.9
43.7	60.3	63.8	72.6	78.3	82.3	84.7	88.5	90.2	90.9	91.0	91.1	91.4	92.5	92.6	93.8
43.7	60.3	63.8	72.6	78.3	82.4	84.8	89.6	91.8	92.9	93.3	93.4	94.1	95.8	95.9	97.9
43.7	60.3	63.8	72.6	78.3	82.4	84.8	89.6	91.9	93.0	93.5	93.6	94.6	96.8	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 919

GLOBAL CLIMATOLOGY BRANCH
OFFUTT AFB
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

2746 DOSCOMBE DOWN UK 73-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS 1300-1400

12.3	17.5	18.5	19.9	21.5	20.7	21.0	21.3	21.3	21.3	21.3	21.3	21.5	21.5	21.5	22.0
21.8	28.4	29.8	31.3	32.3	32.7	33.1	33.5	33.5	33.5	33.5	33.5	33.6	33.6	33.6	34.4
21.9	28.7	30.0	31.5	32.5	33.0	33.3	33.7	33.7	33.7	33.7	33.7	33.8	33.8	33.8	34.6
21.9	28.7	30.0	31.5	32.5	33.0	33.3	33.7	33.7	33.7	33.7	33.7	33.8	33.8	33.8	34.6
22.3	29.4	30.8	32.3	33.3	33.7	34.1	34.5	34.5	34.5	34.5	34.5	34.6	34.6	34.6	35.4
22.9	30.2	31.7	33.3	34.3	34.7	35.1	35.6	35.6	35.6	35.6	35.6	35.7	35.7	35.7	36.5
24.9	32.6	34.3	35.8	36.8	37.3	37.6	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.5	39.3
25.8	33.8	35.6	37.2	38.2	38.6	38.9	39.7	39.7	39.7	39.7	39.7	39.8	39.8	39.8	40.6
25.8	33.8	35.7	37.3	38.3	38.7	39.0	39.8	39.8	39.8	39.8	39.8	39.9	39.9	39.9	40.7
25.9	34.0	35.8	37.4	38.4	38.8	39.2	39.9	39.9	39.9	39.9	39.9	40.0	40.0	40.0	40.8
26.3	34.7	36.6	38.3	39.3	39.9	40.3	41.0	41.0	41.0	41.0	41.0	41.2	41.2	41.2	41.9
27.8	36.5	38.4	40.2	41.3	42.1	42.6	43.6	43.6	43.7	43.7	43.9	44.0	44.1	44.1	44.9
29.1	38.5	40.5	42.6	43.9	44.9	45.4	46.5	46.5	46.6	46.7	46.9	47.0	47.1	47.1	47.9
31.7	41.4	43.4	45.6	47.0	48.0	48.6	49.7	49.7	49.8	49.9	50.1	50.2	50.3	50.3	51.1
32.5	42.3	44.2	46.6	48.0	49.0	49.6	50.7	50.7	50.8	50.9	51.1	51.2	51.3	51.3	52.1
36.1	46.2	48.3	51.0	52.8	53.8	54.3	55.4	55.4	55.5	55.6	55.9	56.0	56.1	56.1	56.9
37.7	48.2	50.4	53.2	55.2	56.2	56.9	58.0	58.1	58.3	58.4	58.6	58.7	58.8	58.8	59.6
40.7	51.3	53.7	56.9	59.3	60.5	61.3	62.6	62.7	62.9	63.1	63.3	63.4	63.5	63.5	64.3
42.7	54.1	56.4	59.6	62.1	63.3	64.0	65.4	65.5	65.7	65.8	66.0	66.2	66.3	65.3	67.0
45.1	57.6	60.3	63.8	66.7	68.4	69.1	70.5	70.6	70.8	70.9	71.1	71.2	71.3	71.3	72.1
47.6	61.8	64.9	68.9	71.9	73.6	74.3	75.7	75.8	76.0	76.1	76.3	76.4	76.5	76.5	77.3
48.3	63.3	66.5	70.7	73.9	75.7	76.4	77.8	77.9	78.1	78.2	78.4	78.5	78.7	78.7	79.4
48.5	63.9	67.3	71.6	75.0	76.8	77.5	78.9	79.1	79.3	79.4	79.6	79.8	79.9	79.9	80.6
50.0	65.7	69	73.6	77.3	79.1	79.9	81.2	81.4	81.6	81.7	82.0	82.1	82.2	82.2	83.0
50.8	66.9	[illegible]	75.3	79.2	81.0	82.0	83.5	83.8	84.1	84.2	84.4	84.5	84.6	84.6	85.4
51.0	67.6	[illegible]	76.3	80.9	83.0	84.3	85.8	86.3	86.6	86.7	86.9	87.1	87.2	87.2	87.9
51.1	68.4	[illegible]	77.8	82.7	85.2	86.5	88.3	88.7	89.0	89.2	89.4	89.5	89.6	89.6	90.4
51.1	68.6	72.9	78.2	83.2	85.7	87.2	89.2	89.6	89.9	90.0	90.3	90.4	90.5	90.5	91.3
51.1	69.0	73.6	79.2	84.7	87.7	89.4	91.5	91.9	92.3	92.4	92.6	92.7	92.8	92.8	93.6
51.1	69.0	73.6	79.3	85.3	88.5	90.6	93.4	93.9	94.5	94.8	95.1	95.4	95.5	95.5	96.2
51.1	69.2	73.8	79.5	85.5	88.9	91.2	94.1	94.8	95.8	96.5	96.9	97.1	97.3	97.3	98.6
51.1	69.2	73.8	79.5	85.5	88.9	91.2	94.1	94.8	96.0	96.8	97.2	97.7	98.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 904

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] DECOMBOF DOWN UK 73-82 DEC

[illegible] FREQUENCY OF OCCURRENCE 15.0-17.0
[illegible] HOURLY OBSERVATIONS

12.1	17.4	18.4	19.8	20.0	20.1	20.7	20.9	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.6
19.6	27.7	29.3	31.3	32.0	32.1	32.6	32.9	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.6
19.6	27.7	29.3	31.3	32.0	32.1	32.6	32.9	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.6
19.6	27.7	29.3	31.3	32.0	32.1	32.6	32.9	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.6
20.5	28.7	30.3	32.3	33.0	33.1	33.6	33.9	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.7
21.7	30.1	31.7	33.8	34.7	34.9	35.5	35.8	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.6
23.2	32.2	33.9	36.5	37.3	37.5	38.1	38.6	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.4
23.4	32.6	34.6	37.3	38.2	38.4	39.0	39.5	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	40.3
23.5	32.9	34.8	37.5	38.4	38.6	39.2	39.7	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.5
23.6	33.0	34.9	37.6	38.5	38.7	39.3	39.8	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.6
23.8	33.4	35.6	38.6	39.7	40.2	40.7	41.2	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	42.0
24.5	34.6	36.9	39.9	41.0	41.5	42.0	42.5	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.4
25.2	35.8	38.4	41.7	42.8	43.2	43.7	44.5	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.4
26.9	38.4	41.0	44.4	45.5	46.0	46.6	47.3	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.3
27.6	39.3	41.9	45.4	46.5	47.1	47.7	48.4	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.5
31.2	43.7	46.4	49.8	51.0	51.9	52.4	53.3	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.4
33.4	46.6	49.3	53.0	54.3	55.4	56.0	57.0	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	58.1
37.1	51.4	54.4	58.2	59.5	60.6	61.3	62.4	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.4
38.6	53.3	56.8	61.0	62.6	63.8	64.4	65.5	65.9	66.2	66.2	66.2	66.2	66.2	66.2	65.2	66.6
40.7	57.2	60.7	65.5	67.2	68.6	69.3	70.4	70.8	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.6
42.4	60.4	64.2	69.2	70.9	72.5	73.2	74.3	74.8	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.7
43.4	62.4	66.2	71.9	73.9	75.7	76.6	77.7	78.1	78.5	78.6	78.6	78.6	78.7	78.7	78.7	79.1
43.5	62.7	66.5	72.5	74.5	76.4	77.3	78.3	78.9	79.2	79.3	79.3	79.3	79.4	79.4	79.4	79.9
44.7	64.3	68.4	74.9	77.0	78.9	79.9	81.1	81.6	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.6
45.4	65.6	69.9	76.6	78.9	80.7	81.7	82.9	83.6	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.5
45.5	66.5	71.4	78.9	81.9	84.1	85.2	86.9	87.7	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.7
45.6	66.7	71.7	79.5	82.8	85.1	86.2	88.0	88.9	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.9
45.7	67.0	72.0	80.7	84.9	87.2	88.2	90.3	91.4	91.7	91.8	91.8	91.9	92.1	92.1	92.1	92.5
45.7	67.0	72.3	81.2	85.6	88.0	89.3	91.5	92.6	92.9	93.1	93.1	93.3	93.4	93.4	93.4	93.8
45.7	67.1	72.4	81.5	86.2	88.9	90.4	93.4	94.7	95.1	95.3	95.3	95.4	95.5	95.5	96.0	96.0
45.7	67.1	72.4	81.5	86.3	89.0	90.8	94.1	95.6	96.5	96.8	97.0	97.1	97.2	97.2	97.9	97.9
45.7	67.1	72.4	81.5	86.3	89.0	90.8	94.1	95.6	96.7	97.3	97.4	97.6	98.3	98.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 919

2

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] 73-[illegible] DEC

[illegible] PRECIP [illegible] 1900-[illegible]
PRECIPITATION OBSERVATIONS

[illegible]	15.2	19.3	21.7	22.9	23.0	23.8	24.5	24.7	24.9	25.1	25.1	25.6	25.9	26.[illegible]	[illegible]		
17.5	24.3	25.9	29.2	30.4	31.5	32.6	33.3	33.1	33.3	33.4	33.4	33.9	34.2	34.4	34.5		
17.7	24.5	26.1	29.4	30.6	31.2	32.2	33.2	33.7	33.5	33.6	33.6	34.2	34.4	34.5	34.7		
17.7	24.5	26.1	29.4	30.6	31.2	32.2	33.2	33.3	33.5	33.6	33.6	34.2	34.4	34.5	34.7		
18.1	25.1	26.7	29.9	31.1	32.0	33.1	34.1	34.2	34.4	34.5	34.5	35.0	35.2	35.5	35.6		
18.1	26.1	27.9	31.5	32.2	33.1	34.2	35.1	35.2	35.5	35.6	35.6	36.1	36.3	36.6	36.7		
20.3	27.4	29.3	32.8	34.1	35.1	36.2	37.2	37.3	37.5	37.6	37.6	38.2	38.5	38.7	38.[illegible]		
20.2	27.8	29.6	33.2	34.5	35.5	36.7	37.6	37.7	38.0	38.1	38.1	38.6	39.[illegible]	39.7	39.4		
20.7	27.9	29.7	33.3	34.6	35.7	36.8	37.7	37.9	38.1	38.2	38.2	38.7	39.2	39.4	39.[illegible]		
20.4	28.2	29.6	33.4	34.7	35.8	37.2	38.3	38.1	38.3	38.4	38.4	38.9	39.4	39.6	39.7		
20.9	28.6	30.5	34.1	35.4	36.6	38.0	38.9	39.0	39.3	39.4	39.4	39.9	40.3	40.6	40.7		
21.3	29.4	31.2	36.1	36.4	37.6	39.2	40.2	40.3	40.6	40.7	40.7	41.2	41.6	41.9	[illegible]		
21.9	29.8	31.7	36.1	37.4	38.7	40.2	41.3	41.4	41.6	41.9	41.9	42.4	42.8	43.1	43.[illegible]		
22.9	31.3	33.3	37.9	39.5	40.8	42.3	43.5	43.6	43.9	44.1	44.1	44.7	45.1	45.3	45.4		
23.0	32.[illegible]	34.5	39.3	40.9	42.2	43.8	45.3	45.2	45.7	45.9	45.9	46.4	46.9	47.1	47.2		
26.4	35.7	38.5	43.6	45.4	47.0	48.6	49.8	50.0	50.5	50.8	50.8	51.3	51.8	52.1	52.[illegible]		
28.0	36.7	41.6	47.0	48.9	50.8	52.5	53.9	54.1	54.7	54.9	54.9	55.4	56.[illegible]	56.2	56.3		
29.3	41.3	44.6	50.5	52.8	54.9	56.6	58.4	59.6	59.1	59.3	59.3	59.9	60.4	60.6	60.7		
30.3	43.2	46.6	52.7	55.1	57.4	59.2	61.[illegible]	61.2	61.7	61.9	61.9	62.5	63.0	63.2	63.3		
32.0	47.2	51.2	57.4	59.9	62.1	64.2	65.9	66.2	66.7	66.9	66.9	67.5	68.0	68.2	68.3		
33.9	50.8	55.0	62.0	64.6	66.9	69.1	70.8	71.1	71.7	71.9	71.9	72.5	73.0	73.2	73.3		
35.2	53.3	57.7	64.9	67.5	69.8	72.0	73.8	74.1	74.6	74.8	74.8	75.4	75.9	76.1	76.2		
36.1	53.8	58.2	65.4	68.0	70.4	72.6	74.3	74.6	75.2	75.4	75.4	75.9	76.5	76.7	76.8		
36.4	54.7	59.2	66.6	69.4	71.8	74.0	75.7	76.1	76.7	76.9	76.9	77.4	78.0	78.2	78.3		
36.3	56.1	61.0	69.2	71.8	74.2	76.7	78.7	79.2	79.7	80.2	80.0	80.6	81.1	81.3	81.5		
37.2	57.5	62.5	71.9	74.6	77.0	79.6	81.9	82.3	82.9	83.2	83.2	83.7	84.3	84.5	84.6		
37.3	58.[illegible]	63.1	73.0	75.9	78.7	81.3	83.6	84.3	84.9	85.2	85.2	85.8	86.3	86.6	86.7		
37.6	59.3	64.6	75.2	78.3	81.9	84.8	87.6	88.3	89.0	89.4	89.4	89.9	90.5	90.7	90.8		
37.6	59.8	65.5	76.6	79.9	83.9	87.2	90.3	91.2	92.0	92.3	92.3	92.8	93.4	93.6	93.7		
37.6	59.8	65.7	76.9	80.5	84.6	88.3	91.9	93.[illegible]	94.0	94.4	94.4	94.9	95.4	95.7	95.8		
37.6	59.8	65.7	76.9	80.5	84.6	88.4	92.2	93.6	94.9	95.4	95.4	96.1	97.[illegible]	97.2	97.5		
37.6	59.8	65.7	76.9	80.5	84.6	88.4	92.2	93.6	95.1	95.7	95.7	96.3	97.4	97.8	100.[illegible]		

TOTAL NUMBER OF OBSERVATIONS 922

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14.4	19.7	21.5	22.6	23.5	25.1	25.6	27.7	27.[illegible]	28.1	28.1	28.1	28.3	29.[illegible]	[illegible]	30.4
16.6	23.6	26.0	27.3	28.7	30.2	30.8	33.2	33.5	33.8	33.8	33.8	34.1	34.7	34.9	36.1
16.6	23.6	26.0	27.3	28.7	30.2	30.8	33.2	33.5	33.8	33.8	33.8	34.1	34.7	34.9	36.1
16.6	23.6	26.0	27.3	28.7	30.2	30.8	33.2	33.5	33.8	33.8	33.8	34.1	34.7	34.9	36.1
17.2	24.7	27.2	28.5	29.9	31.3	32.0	34.4	34.7	35.0	35.0	35.0	35.2	35.9	36.1	37.3
17.4	25.2	27.7	29.1	30.5	31.9	32.5	34.9	35.2	35.6	35.6	35.6	35.8	36.6	36.8	38.[illegible]
18.2	26.5	29.0	30.5	31.9	33.3	33.9	36.3	36.7	37.0	37.0	37.0	37.2	38.0	38.2	39.4
18.2	26.6	29.1	30.7	32.1	33.5	34.2	36.6	36.9	37.2	37.2	37.2	37.4	38.2	38.4	39.6
18.2	26.7	29.2	30.8	32.2	33.6	34.3	36.7	37.0	37.3	37.3	37.3	37.6	38.4	38.6	39.8
18.2	26.7	29.2	30.8	32.3	33.8	34.5	36.9	37.2	37.5	37.5	37.5	37.9	38.6	38.8	40.0
18.4	26.9	29.4	31.1	32.6	34.3	34.9	37.3	37.6	38.0	38.0	38.0	38.3	39.0	39.3	40.5
19.6	29.1	31.9	33.6	35.2	36.9	37.5	39.9	40.3	40.7	40.7	40.7	41.0	41.8	42.0	43.2
20.6	30.3	33.0	34.9	36.7	38.3	38.9	41.5	42.0	42.3	42.3	42.3	42.6	43.4	43.6	44.8
21.5	32.0	34.8	36.9	38.6	40.2	40.9	43.7	44.1	44.5	44.5	44.5	44.8	45.7	45.9	47.2
22.2	33.3	36.2	38.6	40.6	42.2	43.0	46.0	46.4	46.7	46.7	46.7	47.1	47.9	48.2	49.5
24.4	36.8	40.1	42.5	44.8	46.6	47.8	51.1	51.5	51.8	51.8	51.8	52.2	53.0	53.3	54.6
26.0	39.6	43.3	45.9	48.4	50.8	52.1	55.5	56.0	56.3	56.3	56.3	56.6	57.5	57.7	59.0
28.4	43.0	47.4	50.4	53.3	55.7	57.0	61.1	61.6	61.9	61.9	61.9	62.3	63.1	63.3	64.6
29.8	45.1	50.1	53.1	56.0	58.5	60.0	64.4	65.1	65.4	65.4	65.4	65.7	66.6	66.8	68.1
31.8	46.6	51.8	55.6	58.6	61.2	62.8	67.5	68.3	68.7	68.8	68.8	69.1	70.0	70.2	71.5
32.6	50.4	56.1	60.2	63.1	65.8	67.5	72.2	73.1	73.4	73.5	73.5	73.9	74.7	74.9	76.2
34.1	52.3	57.9	62.1	65.1	68.1	69.8	74.6	75.6	75.9	76.0	76.0	76.4	77.2	77.4	78.7
34.5	53.1	59.3	63.6	66.7	69.7	71.6	76.4	77.3	77.7	77.8	77.8	78.1	79.0	79.2	80.5
34.8	54.0	60.3	64.6	68.1	71.1	73.0	77.8	78.7	79.1	79.3	79.3	79.6	80.5	80.7	82.0
35.4	55.6	62.3	66.7	70.1	73.2	75.2	79.9	81.0	81.3	81.6	81.6	81.9	82.9	83.1	84.4
35.9	57.2	64.0	68.6	72.1	75.5	77.4	82.5	83.7	84.1	84.3	84.3	84.6	85.6	85.8	87.2
36.1	58.0	65.0	70.2	73.6	77.0	79.0	84.2	85.4	85.7	86.0	86.0	86.3	87.3	87.5	88.9
36.2	58.8	66.1	71.4	74.9	78.3	80.4	86.0	87.2	87.5	88.0	88.0	88.3	89.4	89.6	91.0
36.2	59.2	66.7	72.5	76.5	79.8	82.0	88.1	89.4	89.8	90.2	90.2	90.6	91.6	91.9	93.3
36.2	59.2	66.8	72.7	77.2	81.0	83.3	90.0	91.5	92.0	92.4	92.4	92.7	93.8	94.0	95.4
36.2	59.2	66.8	72.8	77.4	81.2	83.7	90.9	92.7	93.5	94.3	94.3	94.7	95.9	96.1	97.6
36.2	59.2	66.8	72.8	77.4	81.2	83.7	90.9	92.8	93.6	94.4	94.5	95.1	96.4	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 922

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

2945 BOUCOMBE DOWN UK 73-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

13.4	17.7	19.0	20.5	21.3	21.9	22.3	23.3	23.5	23.6	23.8	23.8	24.0	24.4	24.5	25.4
16.1	23.8	25.4	27.3	28.3	29.1	29.6	30.6	31.1	31.2	31.3	31.4	31.6	32.0	32.2	33.1
18.2	23.9	25.6	27.4	28.5	29.3	29.9	31.0	31.3	31.5	31.6	31.7	31.9	32.3	32.4	33.4
18.3	24.0	25.6	27.5	28.6	29.4	29.9	31.1	31.4	31.5	31.7	31.8	32.0	32.4	32.5	33.5
18.7	24.6	26.2	28.1	29.2	30.0	30.6	31.8	32.1	32.3	32.4	32.5	32.7	33.1	33.2	34.2
19.3	25.4	27.1	29.0	30.1	31.0	31.6	32.8	33.1	33.2	33.4	33.6	33.7	34.1	34.2	35.2
20.4	26.9	28.6	30.6	31.8	32.7	33.3	34.5	34.8	35.0	35.1	35.2	35.4	35.9	36.0	37.[illegible]
21.0	27.4	29.2	31.3	32.4	33.3	33.9	35.2	35.5	35.7	35.8	35.9	36.1	36.6	36.7	37.7
20.9	27.5	29.4	31.5	32.6	33.6	34.1	35.4	35.7	35.9	36.1	36.1	36.4	36.9	37.0	38.0
21.0	27.7	29.6	31.7	32.9	33.8	34.4	35.7	36.0	36.2	36.4	36.4	36.7	37.2	37.3	38.3
21.6	28.5	30.4	32.7	34.0	35.0	35.7	37.0	37.4	37.5	37.7	37.8	38.0	38.5	38.7	39.7
22.9	30.4	32.4	34.8	36.1	37.2	38.0	39.3	39.7	39.9	40.0	40.1	40.4	40.9	41.1	42.1
23.7	31.7	33.8	36.4	37.8	38.9	39.7	41.2	41.6	41.8	42.0	42.1	42.3	42.9	43.0	44.0
25.0	33.6	35.9	38.6	40.1	41.3	42.1	43.7	44.1	44.3	44.5	44.6	44.9	45.4	45.6	46.6
25.8	34.7	37.1	40.0	41.5	42.7	43.6	45.3	45.7	45.9	46.1	46.2	46.5	47.0	47.2	48.2
28.8	38.7	41.4	44.4	46.1	47.5	48.4	50.3	50.7	51.0	51.1	51.3	51.5	52.1	52.3	53.3
30.6	41.3	44.2	47.5	49.4	51.1	52.1	54.2	54.7	55.0	55.2	55.3	55.6	56.2	56.3	57.4
33.3	45.0	48.2	51.9	54.0	55.8	56.9	59.2	59.8	60.1	60.3	60.4	60.7	61.3	61.5	62.6
34.0	47.0	50.4	54.3	56.5	58.4	59.6	61.9	62.6	62.9	63.1	63.2	63.5	64.1	64.3	65.4
36.2	49.8	53.5	57.7	60.2	62.2	63.4	66.0	66.6	67.0	67.2	67.3	67.6	68.2	68.4	69.5
37.0	53.1	57.1	61.7	64.3	66.5	67.8	70.4	71.1	71.5	71.7	71.8	72.2	72.8	73.0	74.1
39.2	55.2	59.4	64.2	67.0	69.3	70.6	73.3	74.0	74.4	74.6	74.7	75.1	75.7	75.8	77.0
39.6	56.0	60.4	65.3	68.1	70.4	71.8	74.4	75.2	75.6	75.8	75.9	76.3	76.9	77.1	78.2
40.2	57.2	61.7	67.0	69.9	72.2	73.6	76.3	77.1	77.5	77.7	77.9	78.2	78.8	79.0	80.1
40.8	58.8	63.6	69.1	72.3	74.6	76.1	78.9	79.7	80.1	80.4	80.5	80.9	81.5	81.7	82.8
41.0	60.0	65.1	71.1	74.5	77.0	78.6	81.6	82.5	82.9	83.2	83.3	83.7	84.3	84.5	85.6
41.4	60.7	66.0	72.2	75.9	78.6	80.2	83.3	84.2	84.6	84.9	85.0	85.4	86.0	86.2	87.3
41.5	61.3	66.7	73.4	77.4	80.3	82.1	85.4	86.3	86.9	87.2	87.3	87.7	88.3	88.5	89.6
41.5	61.7	67.3	74.5	78.8	81.9	83.9	87.6	88.6	89.2	89.5	89.7	90.0	90.7	90.9	92.0
41.5	61.7	67.4	74.8	79.6	82.9	85.2	89.6	90.7	91.4	91.8	92.0	92.4	93.1	93.2	94.4
41.5	61.8	67.5	75.0	79.8	83.3	85.8	90.6	92.2	93.3	94.0	94.2	94.8	95.8	95.9	97.6
41.5	61.8	67.5	75.0	79.9	83.3	85.8	90.7	92.3	93.5	94.4	94.6	95.4	96.8	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7332

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

WMO 03005 BOSCOMBE DOWN UK 73-82 ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS ALL

17.7	23.4	24.7	26.3	27.2	27.9	28.3	29.0	29.3	29.4	29.5	29.6	29.7	30.0	30.1	30.5
24.4	32.0	33.8	35.7	36.9	37.8	38.4	39.2	39.5	39.7	39.8	39.9	40.1	40.4	40.5	41.0
24.5	32.1	33.9	35.8	37.0	37.9	38.5	39.3	39.6	39.9	40.0	40.0	40.2	40.5	40.6	41.1
24.6	32.2	33.9	35.9	37.1	37.9	38.5	39.4	39.7	39.9	40.0	40.1	40.2	40.6	40.7	41.2
25.0	32.8	34.6	36.6	37.8	38.7	39.3	40.1	40.5	40.7	40.8	40.8	41.0	41.3	41.4	41.9
25.9	34.0	35.8	37.9	39.2	40.1	40.7	41.6	41.9	42.2	42.3	42.3	42.5	42.8	42.9	43.4
27.5	36.1	38.0	40.2	41.6	42.5	43.2	44.1	44.5	44.7	44.8	44.8	45.0	45.4	45.5	46.0
28.1	37.0	39.0	41.3	42.8	43.7	44.5	45.4	45.8	46.0	46.1	46.2	46.3	46.7	46.8	47.3
28.3	37.3	39.3	41.7	43.1	44.1	44.8	45.8	46.2	46.4	46.5	46.6	46.7	47.1	47.2	47.7
28.6	37.7	39.7	42.0	43.5	44.5	45.2	46.2	46.6	46.8	46.9	47.0	47.2	47.5	47.6	48.1
29.6	39.0	41.1	43.6	45.1	46.1	46.9	47.9	48.2	48.5	48.6	48.7	48.8	49.2	49.3	49.8
32.1	42.5	44.8	47.5	49.2	50.3	51.2	52.3	52.7	52.9	53.0	53.1	53.3	53.6	53.8	54.3
33.9	44.9	47.4	50.2	52.0	53.1	54.0	55.2	55.6	55.9	56.0	56.1	56.3	56.6	56.7	57.3
35.5	47.0	49.5	52.4	54.3	55.5	56.4	57.6	58.0	58.3	58.4	58.5	58.7	59.0	59.2	59.7
36.5	48.2	50.8	53.8	55.7	56.9	57.8	59.1	59.5	59.8	59.9	60.0	60.2	60.6	60.7	61.2
38.8	51.2	53.9	57.2	59.2	60.4	61.3	62.6	63.1	63.4	63.5	63.6	63.8	64.2	64.3	64.8
40.9	54.1	57.0	60.4	62.5	63.8	64.8	66.1	66.6	66.9	67.0	67.1	67.3	67.7	67.8	68.4
43.6	57.9	61.0	64.6	66.8	68.2	69.3	70.7	71.2	71.6	71.7	71.8	72.0	72.4	72.5	73.1
44.6	59.4	62.5	66.3	68.6	70.0	71.1	72.6	73.1	73.5	73.6	73.7	73.9	74.3	74.4	75.0
45.9	61.4	64.7	68.7	71.1	72.6	73.7	75.3	75.8	76.2	76.4	76.4	76.7	77.0	77.2	77.7
47.5	64.2	67.9	72.2	74.8	76.4	77.5	79.2	79.8	80.2	80.3	80.4	80.7	81.0	81.2	81.7
48.2	65.6	69.5	73.9	76.7	78.4	79.6	81.3	81.9	82.3	82.5	82.6	82.8	83.2	83.4	83.9
48.5	66.3	70.2	74.8	77.7	79.4	80.6	82.4	83.0	83.4	83.6	83.6	83.9	84.3	84.4	85.0
48.9	67.1	71.2	76.0	79.0	80.7	82.0	83.8	84.5	84.9	85.1	85.1	85.4	85.8	85.9	86.5
49.2	68.1	72.3	77.3	80.5	82.4	83.7	85.6	86.3	86.7	86.9	86.9	87.2	87.6	87.7	88.3
49.5	68.9	73.3	78.5	81.9	83.9	85.4	87.4	88.1	88.5	88.7	88.8	89.0	89.4	89.6	90.2
49.6	69.4	73.7	79.3	82.9	85.0	86.5	88.6	89.4	89.8	90.0	90.1	90.4	90.8	90.9	91.5
49.7	69.8	74.5	80.1	84.0	86.2	87.8	90.2	91.0	91.5	91.7	91.8	92.0	92.4	92.6	93.1
49.7	70.0	74.8	80.8	84.9	87.3	89.0	91.7	92.6	93.1	93.4	93.5	93.7	94.1	94.3	94.8
49.7	70.1	75.0	81.1	85.4	87.9	89.8	92.7	93.8	94.5	94.7	94.8	95.1	95.6	95.7	96.3
49.7	70.1	75.0	81.1	85.6	88.2	90.2	93.4	94.6	95.5	95.9	96.1	96.4	97.0	97.2	98.0
49.7	70.1	75.0	81.1	85.6	88.2	90.2	93.4	94.7	95.7	96.2	96.4	96.9	97.8	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 65243

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: 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:

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

[illegible] AL CLIMATOLOGY BRANCH
[illegible] TAC
A[illegible] EATHER SERVICE/MAC

SKY COVER

[illegible] HOUSCOMBE [illegible] UK | 7[illegible]-8[illegible] | JA[illegible]
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	[illegible]	[illegible].4	7.4		5.3	4.[illegible]	2.2	3.2		7.3	17.2	43.7	7.2	[illegible]
	-15	[illegible].2	6.[illegible]		5.5	4.1	2.[illegible]	3.[illegible]		4.6	17.9	46.1	7.4	[illegible]87
	[illegible]-[illegible]	3.3	7.5		[illegible].1	3.7	3.7	3.7		5.3	2[illegible].3	44.5	7.7	[illegible]34
	-11	1.7	5.7		[illegible].2	2.5	3.4	3.6		5.2	31.3	36.3	8.[illegible]	[illegible]8[illegible]
	1[illegible]-14	[illegible].7	4.[illegible]		3.[illegible]	3.[illegible]	3.[illegible]	4.5		5.[illegible]	32.4	37.[illegible]	8.1	[illegible]75
	-17	1.5	6.5		3.[illegible]	3.4	4.2	5.7		5.5	32.4	34.[illegible]	7.[illegible]	[illegible]83
	-2[illegible]	5.[illegible]	5.1		[illegible].1	5.6	4.7	4.7		5.5	18.8	41.3	7.3	[illegible]86
	[illegible]-23	[illegible].6	7.[illegible]		5.[illegible]	3.7	4.5	4.4		4.[illegible]	16.4	44.6	7.2	[illegible]84
TOTALS		4.[illegible]	6.[illegible]		5.2	4.0	3.4	4.2		5.6	23.7	41.3	7.5	7.67

USAFETAC FORM JUL 64 0 9 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

4[illegible]	[illegible]	73-8[illegible]	FEB
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NUMBER OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	0-[illegible]	1[illegible].5	5.[illegible]		4.9	3.4	2.6	2.[illegible]		[illegible].5	16.5	45.6	7.2	63[illegible]
	0-[illegible]	13.[illegible]	4.6		4.6	2.8	2.2	4.3		4.5	14.3	48.9	7.2	63[illegible]
	0-[illegible]	[illegible].3	6.7		4.7	3.5	2.2	2.5		4.[illegible]	21.[illegible]	50.2	7.8	67[illegible]
	-11	3.1	6.9		3.1	3.[illegible]	1.6	4.[illegible]		6.6	28.1	43.4	9.[illegible]	67[illegible]
	1[illegible]-14	[illegible].2	3.[illegible]		3.5	4.2	3.4	4.2		5.7	32.2	38.3	[illegible].3	[illegible]
	[illegible]-17	2.4	4.[illegible]		3.4	3.0	3.9	5.5		1[illegible].5	[illegible].9	39.3	[illegible].1	67[illegible]
	[illegible]-2	5.5	9.2		5.1	5.5	3.2	3.9		6.4	17.8	44.2	7.4	631
	[illegible]1-23	11.1	7.2		4.9	2.[illegible]	3.8	3.1		5.7	17.[illegible]	45.1	7.[illegible]	636
TOTALS		7.[illegible]	5.7		4.3	3.4	2.[illegible]	3.9		5.5	22.[illegible]	44.4	7.6	653

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] AL CLIMATOLOGY BRANCH
[illegible] FETAC
[illegible] WEATHER SERVICE/MAC

SKY COVER

[illegible] 4 — STATION
[illegible]COMBE DOWN UK — STATION NAME
77-8[illegible] — PERIOD
MAY — 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		
MAY	0-02	17.3	7.[illegible]		[illegible]	4.5	[illegible]	4.4		4.7	16.2	37.6	5.4	[illegible]
	03-05	13.8	5.[illegible]		4.5	5.4	[illegible]	[illegible]		4.4	15.[illegible]	43.5	5.[illegible]	[illegible]
	06-08	4.5	7.5		3.4	4.1	2.[illegible]	3.8		6.6	16.8	47.6	7.7	[illegible]
	09-11	3.5	7.3		4.5	4.2	3.2	5.7		6.2	27.8	36.9	7.6	[illegible]
	12-14	1.7	3.[illegible]		[illegible].1	5.7	3.9	7.[illegible]		[illegible].7	31.1	33.7	7.9	[illegible]
	15-17	2.7	5.2		3.3	4.7	4.4	6.2		10.5	32.1	33.4	7.8	[illegible]
	18-20	5.2	[illegible].1		4.1	6.2	3.7	6.5		8.[illegible]	2[illegible].1	32.[illegible]	7.1	[illegible]
	21-23	12.7	10.4		5.4	4.2	4.1	6.6		5.4	16.[illegible]	33.7	5.3	[illegible]
TOTALS		7.7	7.[illegible]		4.5	5.2	3.5	5.5		6.3	23.6	36.4	7.2	7.8[illegible]

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

[illegible] | [illegible] | 73-8[illegible] | APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS	TOTAL OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	[illegible]	27.0	7.1		7.8	6.2	5.1	4.5		5.3	17.2	25.6	5.7	[illegible]
	7-[illegible]	12.[illegible]	9.7		5.1	5.[illegible]	3.6	2.9		6.6	22.6	34.4	5.6	[illegible]
	[illegible]-16	6.0	11.5		5.2	3.7	2.9	5.6		6.5	27.9	3[illegible].6	7.0	[illegible]
	9-11	3.3	5.2		5.4	5.4	4.4	7.4		11.5	32.5	24.9	7.4	[illegible]
	12-14	1.6	5.3		4.4	6.6	5.8	9.1		12.1	33.8	[illegible].2	7.4	[illegible]
	15-17	2.0	6.9		4.4	7.4	5.1	8.8		11.9	35.3	18.3	7.2	[illegible]
	[illegible]-20	5.2	8.5		6.7	6.7	5.9	7.7		12.8	3[illegible].1	16.3	[illegible].7	[illegible]
	21-23	15.5	8.4		9.0	7.8	5.0	5.3		7.2	19.0	22.9	5.8	[illegible]
TOTALS		[illegible].2	7.8		[illegible]	6.1	4.9	6.4		9.2	27.1	24.3	[illegible].7	7,245

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY [illegible]
[illegible]TAC
A[illegible] WEATHER SERVICE/MAC

SKY COVER

[illegible] STATION | [illegible] STATION NAME | [illegible] PERIOD | [illegible] 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		
[illegible]	[illegible]-02	[illegible]	[illegible]		[illegible]	7.1	4.1	7.[illegible]		5.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]-05	7.5	[illegible]		7.3	7.4	3.5	6.1		5.1	21.8	[illegible]	[illegible]	[illegible]
	[illegible]-08	4.4	[illegible]		.7	[illegible]	4.[illegible]	[illegible]		7.4	31.[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]-11	3.6	8.9		4.2	5.2	[illegible]	6.[illegible]		14.0	31.0	[illegible]	[illegible]	[illegible]
	1[illegible]-14	[illegible]	[illegible]		[illegible]	[illegible]	4.7	8.[illegible]		15.[illegible]	35.5	[illegible]	[illegible]	[illegible]
	[illegible]-17	[illegible]	[illegible]		[illegible]	5.3	5.7	3.5		16.[illegible]	[illegible]	18.[illegible]	[illegible]	[illegible]
	[illegible]-20	2.5	[illegible]		[illegible]	6.[illegible]	4.7	7.[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]-23	[illegible]	12.4		[illegible]	6.3	6.[illegible]	[illegible]		7.6	19.3	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	3.6		6.9	6.1	[illegible]	6.9		10.4	26.6	[illegible]	6.8	7283

USAFETAC FORM JUL 64 0 9 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

[illegible] 4 (STATION) DOSCOMBE DOWN UP (STATION NAME) 77-82 (PERIOD) JUN (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		
JUN	00-02	14.2	12.5		7.1	5.2	3.5	4.3		6.2	18.8	25.1	5.9	273
	03-05	7.8	14.3		5.5	4.7	3.7	5.5		6.2	23.8	27.4	5.4	279
	06-08	5.4	9.7		6.1	5.3	3.2	5.1		1[illegible].4	25.6	27.4	7.[illegible]	26[illegible]
	09-11	4.5	5.8		4.7	7.4	6.3	7.9		1[illegible].2	30.4	21.5	7.1	256
	12-14	1.5	5.9		4.1	7.5	6.6	9.5		17.7	34.5	1[illegible].4	7.3	26[illegible]
	15-17	1.3	6.[illegible]		6.9	7.8	5.5	9.9		13.3	31.6	17.5	7.1	27[illegible]
	18-20	3.2	5.5		6.9	7.1	7.6	8.4		13.1	25.3	24.7	5.5	273
	21-23	7.7	14.1		5.7	7.0	5.6	5.5		8.5	25.2	17.9	[illegible]	273
TOTALS		5.[illegible]	9.7		5.4	6.5	5.3	7.2		10.2	27.5	21.4	6.7	2972

USAFETAC FORM JUL 64 0 9 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SKY COVER

[illegible] STATION [illegible] STATION NAME [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS TOTAL SKY COVER 0	1	2	3	4	5	6	7	8	9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	12.1	11.[illegible]		[illegible]	[illegible]	3.[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	12.3		[illegible]	.5	4.[illegible]	4.7		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	4.[illegible]	9.3		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	34.7	[illegible]	[illegible]	9.[illegible]
	[illegible]	[illegible]	6.7		[illegible]	[illegible]	5.6	6.1		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	12-14	[illegible]	4.7		3.7	5.6	5.7	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]-17	[illegible]	3.[illegible]		[illegible]	6.3	7.7	9.7		[illegible]	36.1	13.3	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]		6.1	6.2	5.9	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	21-23	[illegible]	[illegible]		7.8	5.2	[illegible]	9.4		[illegible]	24.2	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]		6.3	6.4	5.1	7.6		[illegible]	31.7	[illegible]	5.3	[illegible]

USAFETAC FORM JUL 64 0 9 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	[illegible]
		0	1	2	3	4	5	6	7	8	9	10	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.7		[illegible]	7.1	[illegible]	4.[illegible]		4.7	14.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	16.8	11.[illegible]		[illegible]	4.[illegible]	4.2	4.5		5.7	13.[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	7.[illegible]	12.[illegible]		[illegible]	4.6	4.[illegible]	5.4		[illegible]	25.7	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	7.[illegible]		5.[illegible]	6.[illegible]	4.7	6.[illegible]		11.4	32.6	17.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	5.4		5.3	9.[illegible]	5.[illegible]	1.[illegible]		17.4	33.[illegible]	15.[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	5.[illegible]		[illegible]	7.6	6.[illegible]	1.[illegible]		14.2	[illegible]	15.5	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	11.[illegible]		[illegible]	7.3	5.7	7.5		[illegible]	[illegible]	15.6	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	11.6		[illegible]	7.[illegible]	5.7	5.4		7.3	19.8	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	9.7		7.6	6.9	[illegible]	6.8		9.7	25.4	15.6	[illegible]	[illegible]

USAFETAC FORM JUL 64 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	
		0	1	2	3	4	5	6	7	8	9	10		
	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC FORM JUL 64 0-9 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												MEAN	
		0	1	2	3	4	5	6	7	8	9	10			
TOTALS															

USAFETAC FORM 0 P S O L A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 0	1	2	3	4	5	6	7	8	9	10	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1-24	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

4[illegible] (STATION) 10 SOMMA DOWN UK (STATION NAME) 73-8 (PERIOD) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 0	1	2	3	4	5	6	7	8	9	10	MISS	OBS
[illegible]	[illegible]	2[illegible].6	6.7		4.4	4.[illegible]	[illegible]	4.5		5.6	19.3	42.[illegible]	7.[illegible]	[illegible]
[illegible]	[illegible]	1[illegible].7	4.[illegible]		3.[illegible]	3.7	2.[illegible]	3.[illegible]		5.[illegible]	[illegible].5	47.3	7.3	[illegible]
[illegible]	[illegible]	[illegible].3	5.[illegible]		4.7	3.[illegible]	2.1	3.5		[illegible].7	[illegible].9	44.[illegible]	7.7	[illegible]
[illegible]	[illegible]	2.4	[illegible].9		4.5	4.7	2.4	3.3		4.[illegible]	3[illegible].5	[illegible]3.7	7.5	[illegible]
[illegible]	12-14	2.4	3.[illegible]		5.[illegible]	3.[illegible]	3.2	4.5		3.4	32.7	[illegible]2.[illegible]	7.7	[illegible]
[illegible]	[illegible]-17	1.5	7.3		4.3	4.1	3.5	5.[illegible]		[illegible].7	[illegible].3	[illegible]3.3	7.7	[illegible]
[illegible]	[illegible]-[illegible]	5.3	7.6		3.8	4.5	4.6	4.7		5.[illegible]	[illegible]2.[illegible]	42.[illegible]	7.5	[illegible]
[illegible]	1-23	7.7	7.[illegible]		5.5	5.2	3.[illegible]	4.1		6.3	19.5	41.2	7.2	[illegible]
TOTALS		[illegible].1	7.[illegible]		4.5	4.1	3.2	4.2		6.6	25.2	[illegible]3.1	7.5	7,3[illegible]

USAFETAC FORM JUL 64 0 9 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] AL CLIMATOLOGY BRCH
[illegible] TAC
[illegible] EATHER SERVICE/MAC

SKY COVER

[illegible] / STATION | [illegible] / STATION NAME | [illegible] / PERIOD | ALL / YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN [illegible]	TOTAL [illegible]
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	ALL	[illegible]	6.7		[illegible]	[illegible]	7.4	[illegible]		[illegible]	23.7	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	5.7		4.7	3.4	[illegible]	3.5		[illegible]	[illegible]	34.4	[illegible]	[illegible]
[illegible]		7.7	7.		4.5	5.0	3.	5.5		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	7.9		[illegible]	6.1	4.9	6.4		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	8.5		6.7	6.1	5.	6.7		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]		5.4	6.5	5.3	7.2		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
JUL		[illegible]	[illegible]		6.3	6.4	5.1	7.5		[illegible]	31.7	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	7.7		7.6	6.7	[illegible]	6.5		9.7	25.4	19.5	[illegible]	[illegible]
[illegible]		7.4	9.		[illegible]	5.9	5.	7.4		9.6	[illegible]	[illegible]	[illegible]	[illegible]
OCT		[illegible]	7.4		7.9	5.1	4.	5.4		8.8	26.3	31.5	7.2	[illegible]
[illegible]		[illegible]	[illegible]		[illegible]	4.9	3.7	[illegible]		6.7	24.8	[illegible]	7.1	[illegible]
DEC		[illegible]	7.1		4.5	4.1	3.7	4.7		6.6	25.2	39.1	7.5	[illegible]
TOTALS		[illegible]	8.		5.9	5.4	4.3	[illegible]		8.5	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

   a. Daily maximum temperatures DATA NOT AVAILABLE
   b. Daily minimum temperatures [illegible] AVAILABLE
   c. Daily mean temperatures [illegible]

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

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

   a. Extreme maximum temperature DATA NOT AVAILABLE
   b. Extreme minimum temperature [illegible]

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

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

[illegible] means or standard deviations [illegible] include temperatures for [illegible].

Continued on Reverse

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

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

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

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

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

NOTE: Wet-bulb temperature usually was not reported prior to 1948. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	
037460	BOSCOMBE DOWN UK	73-82	JAN

PAGE 1 0000-2300

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL DB	TOTAL WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51	.2	.9	.1															11	11	2		2
50/ 49	.6	3.0	.2	.1														34	34	26		12
48/ 47	1.5	4.2	1.7		.1													56	66	79		34
46/ 45	2.5	6.8	.8															89	69	76		57
44/ 43	1.8	4.8	.7	.1														55	65	88		57
42/ 41	2.8	6.6	.8	.2														92	92	63		100
40/ 39	1.9	5.2	.2															55	65	84		62
38/ 37	2.4	6.0	.3	.1														78	78	73		74
36/ 35	2.1	9.0	.6															102	102	93		61
34/ 33	3.0	5.1	.2															73	73	99		115
32/ 31	2.8	4.4	.5	.1														69	69	82		83
30/ 29	2.3	2.8	.5															49	49	48		73
28/ 27	3.3	2.1	.2															49	49	54		49
26/ 25	.7	.8																13	13	23		32
24/ 23	.1	.8																8	8	9		25
22/ 21	.3	.3																6	6	10		14
20/ 19	.5	.1																5	5	5		11
18/ 17	.3	.1																4	4	4		9
16/ 15																						7
14/ 13																						1
TOTAL	29.2	63.2	6.8	.7	.1														878			878
																		878		878		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7186139	79119	90.1	8.027	878							
Dry Bulb	1316376	33440	38.1	6.983	878		21.5					93
Wet Bulb	1242184	32476	37.0	6.833	878		24.9					93
Dew Point	1148200	31086	35.4	7.365	878		32.2					93

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037450 — EDSCOMBE DOWN UK — 73-82 — JAN

STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 0300-0500 HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53		.3																3	3		
52/ 51		.8	.2															9	9	4	2
50/ 49	.3	1.9	.2															22	22	17	7
48/ 47	1.0	3.6	.5															45	45	38	22
46/ 45	2.3	7.0	.5															86	86	62	49
44/ 43	1.7	7.1	1.1	.2														90	90	92	65
42/ 41	1.9	7.3	1.4															94	94	75	117
40/ 39	2.5	5.0	.2															68	68	72	61
38/ 37	3.1	4.9																70	70	83	61
36/ 35	1.5	5.9	.3	.1														69	69	70	60
34/ 33	5.0	6.1	.8															105	105	102	98
32/ 31	1.6	5.1	.3															62	62	93	77
30/ 29	2.3	3.3	.1															50	50	58	85
28/ 27	4.2	2.0	.7															61	61	50	66
26/ 25	1.9	.9																25	25	42	42
24/ 23	.5	.7																10	10	5	34
22/ 21	.1	.1																2	2	8	9
20/ 19	.8																	7	7	7	11
18/ 17	.1	.3																4	4	4	8
16/ 15	.1	.2																3	3	3	5
14/ 13																					3
12/ 11																					2
10/ 9																					1
TOTAL	30.7	62.6	6.3	.3															885		885
																		885		885	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7278913	79977	90.4	7.628	885							
Dry Bulb	1290202	33188	37.5	7.185	885		23.5					93
Wet Bulb	1219124	32258	36.4	7.001	885		28.4					93
Dew Point	1127706	30890	34.9	7.485	885		36.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
JAN — MONTH

PAGE 1 0600-0800 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
54/ 53		.3																3	3		
52/ 51		.2	.3															5	5	3	2
50/ 49	.5	1.1	.5															18	18	14	7
48/ 47	1.2	4.1	.8															54	54	36	18
46/ 45	1.8	5.8	.5															71	71	65	41
44/ 43	1.7	6.7	.6	.1														80	80	82	67
42/ 41	3.7	8.9	1.5	.3														128	128	93	124
40/ 39	1.6	3.[illegible]	.1															47	47	77	62
38/ 37	3.4	5.4	.2															80	80	72	67
36/ 35	1.5	5.4	.6															66	66	73	62
34/ 33	4.3	5.7	.2															87	87	97	74
32/ 31	2.1	6.6	.3															80	80	107	73
30/ 29	2.1	2.9																45	45	44	114
28/ 27	3.6	1.9	.3															52	52	49	57
26/ 25	2.3	1.2																29	29	39	27
24/ 23	1.0	.7																15	15	14	36
22/ 21	.6	.1																6	6	11	14
20/ 19	.7	.2																8	8	7	14
18/ 17	.3	.2																5	5	6	13
16/ 15		.2																2	2	2	4
14/ 13		.2																2	2	2	3
12/ 11	.1																	1	1	1	2
10/ 9																					3
TOTAL	32.0	61.7	5.9	.5															884		884
																		884		884	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	7300711	80347	90.6	7.702	884
Dry Bulb	1271512	32892	37.2	7.347	884
Wet Bulb	1202005	31977	36.2	7.162	884
Dew Point	1113534	30640	34.7	7.639	884

Mean No. of Hours with Temperature	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		25.8					93
Wet Bulb		29.7					93
Dew Point		37.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
037460	BOSCOMBE DOWN UK	73-82	JAN

PAGE 1 0900-1100 HOURS (LST)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53		.5		.1														5	5		
52/ 51		.5	.6															10	10	4	2
50/ 49	.1	1.1	1.2	.1														23	23	10	6
48/ 47	.7	4.2	2.2	.1														63	63	37	11
46/ 45	1.6	7.4	1.2	.1														91	91	85	46
44/ 43	1.1	7.8	2.2	.6														103	103	96	71
42/ 41	3.1	7.8	1.6	.5														114	114	87	143
40/ 39	1.6	4.5	.7															60	60	89	52
38/ 37	2.6	5.6	.6	.2														79	79	75	86
36/ 35	1.0	5.6	.7															64	64	77	49
34/ 33	3.1	6.6	.5															89	89	91	86
32/ 31	1.4	3.7	1.0															54	54	89	74
30/ 29	1.1	2.2	.3															32	32	35	83
28/ 27	3.2	2.0	.6															51	51	50	62
26/ 25	1.0	.5	.1															14	14	23	24
24/ 23	.9	.3																11	11	12	31
22/ 21	.7	.1																7	7	9	14
20/ 19	.3	.2																5	5	5	16
18/ 17		.1																1	1	2	4
16/ 15	.2	.1																3	3	3	4
14/ 13		.1																1	1	1	3
12/ 11																					2
10/ 9																					1
TOTAL	23.7	61.1	13.4	1.7														880	880	880	880

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	6906210	77564	88.1	8.931	880							
Dry Bulb	1349542	33886	38.5	7.131	880		18.9					93
Wet Bulb	1254475	32677	37.1	6.836	880		24.2					93
Dew Point	1138684	30996	35.2	7.306	880		33.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460	BOSCOMBE DOWN UK	73-82	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
54/ 53		.1	.2	.5														7	7			
52/ 51	.3	.6	1.9	.1	.1													27	27	4	3	
50/ 49	.1	2.1	1.9	.2														38	38	17	5	
48/ 47	1.4	4.6	4.1	1.0	.2													99	99	58	26	
46/ 45	1.6	8.6	5.0	2.1	.1													152	152	95	50	
44/ 43	2.3	5.9	2.9	.8	.1													105	105	176	96	
42/ 41	1.4	7.6	3.7	1.1	.1													122	122	113	129	
40/ 39	.5	2.5	1.5	.6														44	44	84	68	
38/ 37	2.2	5.5	2.4	.3	.1													92	92	76	75	
36/ 35	.8	2.7	2.2															50	50	81	65	
34/ 33	1.4	3.7	1.1	.2														56	56	70	89	
32/ 31	.9	1.5	.8															29	29	56	52	
30/ 29	.7	1.5	.3	.1														23	23	29	74	
28/ 27	.5	1.1	.1															16	16	19	47	
26/ 25	.5	.2																7	7	16	24	
24/ 23	.1	.8																8	8	3	24	
22/ 21		.1																1	1	6	10	
20/ 19																				1	8	
18/ 17																					4	
16/ 15																					4	
14/ 13																					1	
TOTAL	14.7	49.2	28.2	7.1	.8														875		876	
																		876		876		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6191465	72967	83.3	11.396	876							
Dry Bulb	1528197	36175	41.3	6.263	876		8.9					93
Wet Bulb	1378132	34340	39.2	6.045	876		14.9					93
Dew Point	1203764	31900	36.4	6.937	876		26.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

337460 — BOSCOMBE DOWN UK — 73-82 — JAN

STATION — STATION NAME — YEARS

PAGE 1 — 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry B. ≥	TOTAL Wet B. ≥	TOTAL Dew Point ≥
52/ 51	.2	1.0	.8	.1														19	19	2	2
50/ 49	.3	1.8	1.4															31	31	19	9
48/ 47	1.1	6.8	3.5	.3	.2													106	106	59	20
46/ 45	1.0	8.5	3.4	.8														121	121	98	64
44/ 43	2.4	7.1	4.0	.8														126	126	119	77
42/ 41	1.1	7.0	4.4	.7	.1													118	118	91	141
40/ 39	.1	4.1	1.5	.6														55	55	91	59
38/ 37	1.9	6.7	2.5	.3														101	101	90	92
36/ 35	.3	5.2	1.4	.1														62	62	85	70
34/ 33	1.6	4.1	1.1															60	60	93	81
32/ 31	.8	2.6	.6															35	35	71	76
30/ 29	.5	1.5	.7															23	23	79	71
28/ 27	.5	.7	.2															12	12	10	66
26/ 25	.7	.6																11	11	18	49
24/ 23		.2																2	2	5	13
22/ 21																				2	6
20/ 19	.1																	1	1	1	15
18/ 17																					5
TOTAL	12.7	57.9	25.4	3.7	.3														883		863
																		883		883	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6341305	74305	84.2	10.017	883							
Dry Bulb	1506232	36086	40.9	5.975	883		9.8					93
Wet Bulb	1368285	34367	38.9	5.899	883		14.3					93
Dew Point	1205428	32074	36.3	5.766	883		28.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 BOSCOMBE DOWN UK 73-82 JAN

STATION STATION NAME YEARS MONTH

PAGE 1 1600-2000 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
54/ 53			.1															1	1			
52/ 51		.6	.2															7	7			
50/ 49	.2	2.1	.2															23	23	70		4
48/ 47	.7	4.6	1.5															60	60	35		21
46/ 45	1.1	8.0	.8															88	88	79		48
44/ 43	2.3	7.8	2.0															107	107	106		78
42/ 41	1.0	9.4	2.7	.2														118	118	71		122
40/ 39	.5	6.0	.1															58	58	75		57
38/ 37	2.9	7.9	1.4															108	108	99		88
36/ 35	.9	7.0	.8	.2														79	79	94		62
34/ 33	2.7	5.8	1.2															86	86	99		110
32/ 31	.7	3.8	.2															42	42	83		65
30/ 29	.7	4.6	.6															52	52	56		75
28/ 27	1.6	1.5																27	27	30		79
26/ 25	.5	1.1																15	15	15		25
24/ 23	.2	.5																6	6	14		18
22/ 21		.3																3	3	2		12
20/ 19	.2	.1																3	3	5		12
18/ 17	.1																	1	1	1		2
16/ 15																						6
TOTAL	15.4	71.3	11.9	.5															884			864
																		884		884		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6915647	77893	88.1	7.686	884							
Dry Bulb	1364779	34271	38.8	5.399	884		15.7					93
Wet Bulb	1271760	33064	37.4	6.303	884		21.7					93
Dew Point	1157069	31399	35.5	6.880	884		30.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

237460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
JAN — MONTH

PAGE 1 2100-2300

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55				.1														1	1		
52/ 51	.1	.7	.1	.1														9	9	1	1
50/ 49	.1	1.4	.5															17	17	19	4
48/ 47	.9	4.0	1.6															57	57	31	22
46/ 45	1.9	7.2	.5															85	85	72	41
44/ 43	2.8	6.5	.7															88	88	94	76
42/ 41	3.3	7.5	1.8	.1														112	112	88	125
40/ 39	.7	5.7	.2															58	58	54	57
38/ 37	3.1	6.6	.8															92	92	93	76
36/ 35	2.2	7.0	.5	.1														85	85	94	56
34/ 33	4.8	4.6	.2															85	85	116	121
32/ 31	.8	6.0	.7															66	66	80	72
30/ 29	1.8	5.1	.2															63	63	62	72
28/ 27	1.5	1.5	.1															27	27	32	61
26/ 25	1.1	.5																14	14	21	20
24/ 23	.7	.5																10	10	10	23
22/ 21	.2	.2																4	4	5	15
20/ 19	.9																	8	8	10	7
18/ 17																					7
16/ 15	.1																	1	1	1	6
14/ 13																					1
TOTAL	27.0	64.8	7.8	.5														883	883	883	883

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7185380	79368	89.9	7.636	883							
Dry Bulb	1318436	33604	38.1	6.699	883		20.3					93
Wet Bulb	1240896	32596	36.9	6.530	883		23.3					3
Dew Point	1144441	31183	35.3	7.000	883		32.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03780 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-80 — YEARS
JAN — MONTH
PAGE 1 — ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL Dry Bulb	TOTAL Wet Bulb	Wet Bulb	Dew Point
59/ 55				.0														1	1		
57/ 53		.2	.0	.1														19	19		
55/ 51	.1	.7	.5	.0	.0													97	97	20	14
53/ 49	.3	1.5	.8	.1														206	206	142	54
51/ 47	1.1	4.5	2.0	.2	.1													550	550	343	174
49/ 45	1.7	7.4	1.5	.4	.0													783	783	632	393
47/ 43	2.0	6.7	1.8	.3	.0													764	764	803	587
45/ 41	2.3	7.8	2.2	.4	.0													898	898	671	1001
43/ 39	1.2	4.6	.6	.1														455	455	626	508
41/ 37	2.7	6.1	1.0	.1	.0													700	700	663	420
39/ 35	1.3	6.0	.9	.1														578	578	667	385
37/ 33	3.2	5.2	.7	.0														541	541	767	774
35/ 31	1.4	4.2	.6	.0														437	437	671	572
33/ 29	1.4	3.0	.3	.0														337	337	361	547
31/ 27	0.3	1.6	.3															295	295	294	507
29/ 25	1.1	.7	.0															128	128	197	213
27/ 23	.4	.6																70	70	72	204
25/ 21	.2	.2																29	29	53	94
23/ 19	.4	.1																37	37	41	94
21/ 17	.1	.1																15	15	17	52
19/ 15	.1	.1																9	9	9	36
17/ 13		.0																3	3	3	12
15/ 11	.0																	1	1	1	6
13/ 9																					5
TOTAL	23.3	61.5	13.2	1.9	.2														7053		7053
																		7053		7053	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	< 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	55305770	621240	88.1	9.115	7053							
Dry Bulb	10945276	273542	38.8	6.906	7053		143.6					744
Wet Bulb	10176861	263755	37.4	6.567	7053		181.3					744
Dew Point	9238825	250168	35.5	7.199	7053		257.6					744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-62 — YEARS
FEB — MONTH

PAGE 1 0000-0200

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51		.1																1	1		
50/ 49	.5	1.6	.4															20	20	10	5
48/ 47	1.9	3.3	.1															44	44	34	27
46/ 45	1.3	6.1	.6															67	67	52	42
44/ 43	2.2	7.3	.5															84	84	78	53
42/ 41	4.1	8.4	.6															109	109	88	105
40/ 39	1.0	4.3	.4															47	47	77	61
38/ 37	3.5	5.4	1.1	.1														84	85	70	69
36/ 35	2.4	9.2	.4															99	99	76	70
34/ 33	3.6	7.3	1.1															100	100	111	92
32/ 31	1.4	5.1	.4															57	57	91	70
30/ 29	1.3	4.6	.1															50	50	63	68
28/ 27	3.3	2.5																48	48	51	75
26/ 25	.7	.6																11	11	16	53
24/ 23		.4																3	3	4	19
22/ 21		.2																2	2	4	7
20/ 19	.5																	4	4	5	4
18/ 17																					3
16/ 15																					6
TOTAL	27.7	66.5	5.7	.1															831		830
																		830		830	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6837254	75084	90.5	7.364	830							
Dry Bulb	1211991	31309	37.7	6.246	831		17.7					84
Wet Bulb	1145142	30394	36.6	6.226	830		23.7					84
Dew Point	1062839	29147	35.1	6.884	830		30.9					84

USAFETAC FORM NO. 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
FEB — MONTH

PAGE 1 — 0300-0500

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
50/ 49		.8																7	7	6	
48/ 47	1.4	3.4	.1															41	41	21	18
46/ 45	1.4	4.7	.4															54	54	62	50
44/ 43	2.5	6.5	.1															76	76	57	48
42/ 41	4.3	12.4	.4															125	125	92	103
40/ 39	2.2	5.2	.2															63	63	82	72
38/ 37	2.7	4.2	.2															59	59	67	68
36/ 35	1.7	5.3	.4															61	61	56	46
34/ 33	6.4	7.6	.7															122	122	107	79
32/ 31	2.5	5.5	.1															68	68	119	76
30/ 29	1.8	5.5	.2															63	63	61	92
28/ 27	4.2	3.0																60	60	59	85
26/ 25	1.3	1.0																19	19	21	40
24/ 23	.4	.4																6	6	11	31
22/ 21																				3	10
20/ 19	.4																	3	3	3	5
18/ 17	.1	.2																3	3	3	1
16/ 15																					4
14/ 13																					2
TOTAL	33.4	63.7	2.9																830		830
																		830		830	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7010475	76073	91.7	6.776	830							
Dry Bulb	1161590	30594	36.9	6.394	830		22.5					84
Wet Bulb	1106814	29854	36.0	6.310	830		28.3					84
Dew Pt	1035724	28758	34.6	6.885	830		35.0					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
FEB — MONTH
PAGE 1 — 0600-0900

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb ≥	TOTAL Wet Bulb ≥	TOTAL Dew Point
50/ 49		1.4																12	12	8		
48/ 47	.7	2.4																26	26	21		15
46/ 45	1.2	6.0	.2															62	62	56		52
44/ 43	3.7	6.5	.2															87	87	78		59
42/ 41	5.6	8.4	.5															121	121	91		114
40/ 39	2.4	3.8																52	52	70		65
38/ 37	1.9	5.0	.7	.1														65	65	55		56
36/ 35	1.9	4.5	.4															57	57	59		45
34/ 33	6.3	4.3	1.1															98	98	102		73
32/ 31	2.6	7.0	.5															85	85	110		71
30/ 29	1.7	6.9	.1															73	73	75		82
28/ 27	3.9	2.7																56	56	60		86
26/ 25	1.5	.6																18	18	22		49
24/ 23	1.1	1.3																20	20	14		42
22/ 21	.1																	1	1	12		10
20/ 19	.4																	3	3	3		13
18/ 17		.1																1	1	1		1
16/ 15																						3
14/ 13																						1
TOTAL	35.1	61.1	3.7	.1															837			837
																		837		837		

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7096203	76843	91.9	7.040	837							
Dry Bulb	1160770	30680	36.7	6.581	837		25.8					84
Wet Bulb	1108043	29957	35.8	6.549	837		27.8					84
Dew Point	1039175	28869	34.5	7.210	837		35.9					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
FEB — MONTH

PAGE 1 0900-1100 — HOUR

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
52/ 51		.2	.6															7		7		
50/ 49	.5	1.4	.7															22		22	9	4
48/ 47	1.0	4.4	.6															50		50	40	16
46/ 45	2.8	9.9	.6	.1														112		112	89	68
44/ 43	3.2	5.9	1.4															88		88	104	86
42/ 41	3.7	9.0	2.8	.2														131		131	88	131
40/ 39	1.6	4.2	1.4															60		60	79	52
38/ 37	2.5	4.9	1.2	.2														74		74	70	63
36/ 35	1.0	4.9	2.5	.1														71		71	58	60
34/ 33	2.8	4.2	2.2															76		76	83	71
32/ 31	.8	3.9	1.4															52		52	85	47
30/ 29	1.0	4.9	.2															51		51	52	69
28/ 27	0.3	1.4	.2															33		33	43	88
26/ 25	.1	.5																5		5	8	35
24/ 23		.4																3		3	5	29
22/ 21																					2	7
20/ 19	.1																	1		1	1	9
18/ 17																						1
TOTAL	23.2	60.2	15.9	.7																836		836
																		836			836	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6577397	73739	88.2	9.368	836							
Dry Bulb	1311438	32708	39.1	6.167	836		14.6					84
Wet Bulb	1223306	31556	37.7	6.208	836		20.7					84
Dew Point	1116255	29971	35.9	7.074	836		28.6					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
FEB — MONTH

PAGE 1 — 1200-1400 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
56/ 55				.1														1	1		
54/ 53			.2	.5														6	6		
52/ 51	.2	.8	2.5	.5	.2													76	36	2	2
50/ 49		2.4	3.4	.7	.1													55	55	22	3
48/ 47	1.5	5.3	5.2	1.0	.5													111	111	79	28
46/ 45	1.2	10.6	3.2	2.7	.2													147	147	129	74
44/ 43	1.3	4.9	3.8	1.6	.1													96	96	110	97
42/ 41	1.3	6.8	3.6	4.4	.1													134	134	92	133
40/ 39	.5	1.6	3.0	.7	.1													49	49	88	48
38/ 37	1.1	1.9	2.4	.7														51	51	60	75
36/ 35	.1	1.3	2.4	.4														35	35	74	59
34/ 33	.7	2.2	3.3															51	51	54	57
32/ 31		1.5	.5	.4														19	19	57	36
30/ 29	.6	1.3	.8	.1														24	24	32	65
28/ 27	.2	.6	.1															8	8	13	68
26/ 25	.1																	1	1	12	36
24/ 23																					27
22/ 21																					1
20/ 19																					9
18/ 17																					5
14/ 13																					1
TOTAL	9.0	41.3	34.6	13.7	1.5														824		824
																		824		824	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5376085	65779	79.8	12.325	824							
Dry Bulb	1524369	35121	42.6	5.772	824		5.3					84
Wet Bulb	1347066	32968	40.0	5.836	824		11.6					84
Dew Point	1146057	30147	36.6	7.236	824		25.3					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-87 — YEARS
FEB — MONTH

 1600-1700 — HOUR

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53			.2		.1													3	3		
52/ 51		.8	1.7	.7	.2													29	29		
50/ 49	.1	2.7	2.8	.7	.1													53	53	73	7
48/ 47	1.5	5.7	3.9	1.2	.5													106	106	72	26
46/ 45	1.8	9.7	3.3	2.5	.4													146	146	113	75
44/ 43	.6	5.2	4.4	1.7	.2													100	100	110	67
42/ 41	1.3	8.1	5.3	3.3	.5													153	153	101	133
40/ 39		1.6	3.0	.5	.1													43	43	97	58
38/ 37	.2	2.9	2.5	.5														51	51	60	74
36/ 35	.7	2.2	1.8	1.2														49	49	87	59
34/ 33	.5	2.8	1.6	.1														42	42	58	75
32/ 31	.1	2.2	.5															24	24	63	49
30/ 29	.1	1.1	1.5	.1														23	23	22	59
28/ 27	.1	.4	.1															5	5	7	75
26/ 25																				14	26
24/ 23																					23
22/ 21																					9
20/ 19																					4
18/ 17																					4
16/ 15																					4
14/ 13																					1
TOTAL	7.3	45.2	32.6	12.6	2.3														827		827
																		827		827	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5365124	65828	79.6	12.317	827							
Dry Bulb	1514439	35091	42.4	5.553	827		5.3					84
Wet Bulb	1337759	32931	39.8	5.659	827		10.8					84
Dew Point	1132934	30338	36.3	7.123	827		25.7					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
FEB — MONTH

PAGE 1 — 1600-2000 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49	.1	1.7	.4															18	18	8	1
48/ 47	1.2	4.8	.4															53	53	40	18
46/ 45	1.7	11.3	.5	.1														113	113	82	64
44/ 43	1.4	7.2	2.4	.2														94	94	100	69
42/ 41	1.3	14.0	4.1															161	162	70	121
40/ 39	.1	5.3	.8															52	52	113	57
38/ 37	1.2	7.0	2.5	.1														90	90	83	74
36/ 35	.6	4.6	1.7															57	57	78	61
34/ 33	1.9	7.2	1.8	.1														92	92	84	86
32/ 31	.2	4.5	.8															46	46	94	55
30/ 29	.6	2.9	.7															35	35	43	75
28/ 27	.7	.7	.1															13	13	16	93
26/ 25	.2	.4																5	5	15	25
24/ 23		.1																1	1	3	12
22/ 21																				1	2
20/ 19																					7
18/ 17																					10
TOTAL	11.4	71.7	16.3	.5															831		830
																		830		830	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6227423	71533	86.2	8.676	830							
Dry Bulb	1329297	32913	39.6	5.568	831		10.1					84
Wet Bulb	1225239	31533	38.0	5.733	830		17.4					84
Dew Point	1099486	29686	35.8	6.746	830		28.2					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
FEB — MONTH

PAGE 1 2100-2300

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49	.2	1.4																14	14	12	2
48/ 47	.6	3.9	.2															40	40	17	16
46/ 45	2.4	8.7	.5															97	97	84	56
44/ 43	1.4	7.1	1.1	.2														82	82	81	60
42/ 41	4.2	8.9	1.6															122	122	97	125
40/ 39	1.6	5.7	1.1															70	70	69	64
38/ 37	2.5	7.7	1.2	.1														97	97	81	61
36/ 35	1.0	6.9	.2															68	68	92	62
34/ 33	2.6	6.2	1.8															89	89	87	98
32/ 31	.6	6.3	.4															61	61	95	56
30/ 29	.7	5.5	.2															55	55	67	79
28/ 27	1.8	1.4	.4															30	30	35	83
26/ 25		.4																3	3	8	43
24/ 23		.6																5	5	3	11
22/ 21	.1	.2																3	3	6	5
20/ 19																				2	9
18/ 17																					3
16/ 15																					3
TOTAL	19.9	71.2	8.6	.4														836	836	836	836

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	6668601	74385	89.0	7.740	836
Dry Bulb	1260233	32079	38.4	5.923	836
Wet Bulb	1181378	31026	37.1	5.987	836
Dew Point	1084009	29575	35.4	6.723	836

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		15.8					84
Wet Bulb		21.7					84
Dew Point		29.3					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
FEB — MONTH

PAGE 1 — ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
WET BULB TEMPERATURE DEPRESSION (F)																					
56/ 55				.0														1	1		
54/ 53			.1	.1	.0													9	9		
52/ 51	.0	.3	.6	.2	.1													73	73	2	2
50/ 49	.2	1.7	.9	.2	.0													201	201	98	23
48/ 47	1.2	4.2	1.3	.3	.1													471	471	324	164
46/ 45	1.7	8.4	1.1	.7	.1													798	798	657	481
44/ 43	2.1	6.3	1.7	.5	.0													707	707	718	539
42/ 41	3.2	9.2	2.3	1.0	.1													1056	1057	719	965
40/ 39	1.2	4.0	1.2	.2	.0													436	436	675	477
38/ 37	2.0	4.9	1.5	.2														571	572	546	540
36/ 35	1.2	4.9	1.2	.2														497	497	590	462
34/ 33	3.1	5.2	1.7	.0														670	670	686	631
32/ 31	1.1	4.5	.6	.0														412	412	714	460
30/ 29	1.0	4.1	.5	.0														374	374	425	589
28/ 27	2.1	1.6	.1															253	253	284	653
26/ 25	.5	.4																62	62	116	307
24/ 23	.2	.4																38	38	40	194
22/ 21	.0	.1																6	6	28	50
20/ 19	.2																	11	11	14	60
18/ 17	.0	.0																4	4	4	28
16/ 15																					20
14/ 1																					5
TOTAL	20.9	60.1	15.0	3.5	.5													6650	6652	6650	6650

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	51158562	579264	87.1	10.263	6650							
Dry Bulb	10474127	260495	39.2	6.407	6652		117.2					672
Wet Bulb	9674747	250219	37.6	6.251	6650		164.2					672
Dew Point	8716479	236191	35.5	7.019	6650		239.1					672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
MAR — MONTH

PAGE 1 — 0000-0200 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53	.3	.2	.1															6	6	3	3
52/ 51	.3	1.2	.6															19	19	10	5
50/ 49	.6	2.0	.6															28	28	23	14
48/ 47	1.3	2.2	.6															37	37	32	28
46/ 45	1.8	6.6	.6															81	81	53	46
44/ 43	.8	5.3	1.9	.1														73	73	71	49
42/ 41	2.4	11.1	.9															131	131	91	100
40/ 39	1.4	9.6	1.9															117	117	117	73
38/ 37	2.6	8.4	2.0															118	118	132	107
36/ 35	2.0	9.7	1.3															118	118	113	115
34/ 33	2.9	5.2	.7															79	79	116	107
32/ 31	.9	4.2	.2															48	48	71	91
30/ 29	.9	2.8	.2															35	35	44	73
28/ 27	.6	1.1																15	15	20	52
26/ 25	.1	.3																4	4	12	18
24/ 23																				1	16
22/ 21																					8
20/ 19																					4
TOTAL	18.8	69.7	11.3	.1														909	909	909	909

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	7230420	80764	88.8	7.754	909
Dry Bulb	1427302	35566	39.2	5.542	909
Wet Bulb	1336667	34489	37.9	5.563	909
Dew Point	1225570	32894	36.2	6.229	909

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		10.4					93
Wet Bulb		15.1					93
Dew Point		26.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
MAR — MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51		1.3	.3															15	15	9	
50/ 49	1.1	1.1	.3															23	23	20	19
48/ 47	1.0	2.9	.2															37	37	33	19
46/ 45	2.0	4.3	.3	.1														61	61	51	55
44/ 43	1.1	5.6	.7															67	67	52	34
42/ 41	3.6	12.6	1.2															158	158	97	111
40/ 39	2.4	7.7	1.4	.1														106	105	111	91
38/ 37	3.1	5.7	1.9															97	97	115	83
36/ 35	2.0	8.0	.6															95	95	97	85
34/ 33	3.6	5.4	.6															87	87	116	101
32/ 31	1.7	4.9	.1															60	60	96	86
30/ 29	1.3	4.9	.1															57	58	55	86
28/ 27	1.8	1.3	.1															29	29	36	68
26/ 25	.4	.8																11	11	13	33
24/ 23	.1	.1																2	2	4	24
22/ 21																					9
20/ 19																					1
TOTAL	25.3	66.6	7.8	.2															906		905
																		905		905	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.	7402622	81558	90.1	7.633	905
Dry Bulb	1361647	34727	38.3	5.811	906
Wet Bulb	1283935	33687	37.2	5.760	905
Dew Point	1187304	32274	35.7	6.341	905

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb		16.4					93
Wet Bulb		21.0					93
Dew Point		31.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
37460	BOSCOMBE DOWN UK	73-82	MAR

PAGE 1 0600-0900 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53		.1																1	1	1	
52/ 51	.3	.4	.2															9	9	7	4
50/ 49	1.0	1.4	.3															25	25	19	13
48/ 47	1.2	3.5																43	43	35	20
46/ 45	1.1	5.3	.4															62	62	49	57
44/ 43	1.6	5.4	.5															69	69	63	42
42/ 41	4.8	13.8	2.0	.2														190	190	109	123
40/ 39	2.1	6.8	.7															87	87	119	94
38/ 37	3.1	6.0	1.8															99	99	105	91
36/ 35	1.5	7.1	1.4															93	93	99	71
34/ 33	4.5	4.9																86	86	123	103
32/ 31	1.3	4.7	.3															62	62	87	79
30/ 29	1.0	4.1	.1															47	47	44	85
28/ 27	1.3	1.2																23	23	32	70
26/ 25	.5	.8																12	12	13	25
24/ 23		.3																3	3	5	20
22/ 21																				1	9
20/ 19																					4
18/ 17																					1
TOTAL	25.0	66.0	7.8	.2															911		911
																		911		911	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	7450298	82068	90.1	7.925	911							
Dry Bulb	1388732	35184	38.6	5.730	911		15.0					93
Wet Bulb	1309759	34145	37.5	5.740	911		18.6					93
Dew Point	1213581	32733	35.9	6.416	911		29.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

377400 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
MAR — MONTH

PAGE 1 — 0900-1100 — HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																					
56/ 55			.2			.2													4	4		
54/ 53		.8	.4	.2	.2	.1	.1												17	17	3	
52/ 51	.3	1.7	.9	.3	.2														31	31	17	6
50/ 49	.7	2.2	2.8	1.1	.3	.1													65	65	71	17
48/ 47	.4	4.9	4.2	1.1	.3														99	99	55	30
46/ 45	.8	7.3	4.8	2.2															136	136	104	52
44/ 43	1.4	6.6	5.6	1.9	.4														145	146	129	72
42/ 41	1.3	10.0	5.3	2.1	.4														167	167	114	141
40/ 39	1.3	3.5	1.9	1.0	.2														69	69	147	100
38/ 37	1.5	2.8	1.8	.6															60	60	101	120
36/ 35	.5	3.3	1.5	.2															51	51	68	83
34/ 33	1.3	1.8	1.3	.4															38	38	70	85
32/ 31	.7	.9	.6																19	19	43	57
30/ 29		.1	.2																3	3	17	53
28/ 27																					4	40
26/ 25																					1	19
24/ 23																						17
22/ 21																						8
20/ 19																						6
18/ 17																						1
TOTAL	9.4	45.8	30.9	11.2	2.2	.4	.1											904		905	904	904

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	6063495	73179	81.0	12.435	904
Dry Bulb	1695539	38889	43.0	5.198	905
Wet Bulb	1504926	36592	40.5	5.130	904
Dew Point	1292383	33693	37.3	6.367	904

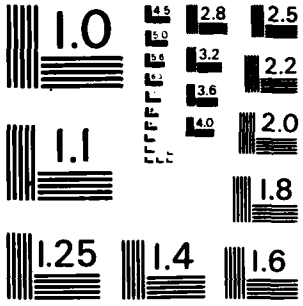
Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		2.3					93
Wet Bulb		6.7					93
Dew Point		20.4					93

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

AD-A128 120 BOSCOMBE DOWN UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHER O..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83 4/5

UNCLASSIFIED USAFETAC/DS-83/008 SBI-AD-E850 370 F/G 4/2 NL



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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
MAR — MONTH

PAGE 1 — 1200-1400 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61					.1					.1								2	2		
60/ 59			.2	.4		.1	.6	.2	.1									15	15		
58/ 57			.1	.3		.7	.3											13	13		
56/ 55		.4	.7	.4	.6	.4	.2											25	25	4	
54/ 53		.8	.4	1.9	.4	.6	.1											38	38	12	
52/ 51	.7	.8	3.3	1.2	1.4	.2	.1											70	70	22	17
50/ 49	.3	1.9	4.5	4.2	1.9	.3												119	119	40	17
48/ 47	.9	3.0	5.8	4.1	3.1	.1												154	154	87	32
46/ 45	.8	4.9	2.3	6.1	2.0	.3												148	148	140	49
44/ 43	.3	3.2	3.6	2.9	1.2	.3												105	105	133	62
42/ 41	.2	5.8	3.2	2.6	2.0	.1												127	127	129	138
40/ 39	.2	2.5	.8	.3														35	35	134	85
38/ 37	.4	.8	.8	.7	.2													26	26	93	100
36/ 35		1.4	.3	.1														17	17	50	91
34/ 33	.2	.8	.1	.2														12	12	43	82
32/ 31																				13	65
30/ 29																				6	64
28/ 27																					46
26/ 25																					14
24/ 23																					18
22/ 21																					10
20/ 19																					9
18/ 17																					4
16/ 15																					3
TOTAL	4.1	26.3	26.3	25.5	12.9	3.2	1.3	.2	.1	.1								906	906		906
																		906		906	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4825943	64547	71.2	15.850	906							
Dry Bulb	1971879	42007	46.4	5.172	906							93
Wet Bulb	1632252	38206	42.2	4.829	906		2.0					93
Dew Point	1279255	33461	36.9	6.929	906		23.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
MAR — MONTH

PAGE 1 — 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61				.1				.1	.1	.1								4	4		
60/ 59				.4	.1	.1	.4	.7										16	16		
58/ 57			.1	.1	.1	.4	.5											12	12		
56/ 55		.1	.5	.5	.3	.8	.1											22	22	3	
54/ 53		1.4	.7	1.3	.7	.4												41	41	11	
52/ 51	.1	1.5	2.2	1.6	1.3	.2												64	64	21	12
50/ 49	1.0	2.4	2.1	2.1	1.3	1.4												94	94	50	25
48/ 47		2.3	4.3	3.6	3.3	.2												125	125	63	30
46/ 45	.7	7.8	3.5	5.2	2.6	.5												185	185	124	47
44/ 43	.8	4.2	3.0	2.5	1.4													108	108	143	62
42/ 41	.8	6.2	4.2	2.3	1.4	.1												136	136	131	136
40/ 39	.2	3.5	1.0	.7	.2													51	51	152	75
38/ 37	.2	1.2	1.2	.3	.3													30	30	105	109
36/ 35		.8	.3															10	10	50	79
34/ 33		1.0		.3														12	12	37	91
32/ 31																				14	57
30/ 29																				6	72
28/ 27																					55
26/ 25																					23
24/ 23																					15
22/ 21																					6
20/ 19																					7
18/ 17																					8
16/ 15																					1
TOTAL	3.7	32.4	23.1	21.2	13.2	4.3	1.1	.8	.1	.1									910		910
																		910		910	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	4930589	65267	71.7	16.568	910							
Dry Bulb	1954875	41909	46.1	5.224	910							93
Wet Bulb	1622485	38179	42.0	4.771	910		2.0					93
Dew Point	1272194	33436	36.7	6.930	910		24.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03746C — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
MAR — MONTH

PAGE 1 — 1800-2000 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57						.2												2	2		
56/ 55			.2	.2	.1	.5												10	10		
54/ 53			.3	.1	.2													6	6		
52/ 51	.2	2.3	.8	.3	.5													38	38	20	2
50/ 49	.9	2.7	1.6	.4	.2													54	54	35	25
48/ 47	.7	3.6	1.3	.7	.4													61	61	46	29
46/ 45	.3	8.5	4.1	1.2	.3													133	133	78	52
44/ 43	.7	7.5	4.9	2.6	.5													149	149	114	61
42/ 41	1.4	11.6	6.5	1.8	.3													200	200	129	126
40/ 39	.3	7.0	2.6	.9														99	99	145	77
38/ 37	.3	4.4	2.7	.1														69	69	145	135
36/ 35	.2	2.2	2.0	.4														44	44	90	86
34/ 33	.4	2.7	.4	.3														36	36	62	100
32/ 31	.2	.9	.5															15	15	46	69
30/ 29		.2	.1															3	3	11	67
28/ 27																				7	45
26/ 25																				1	19
24/ 23																					17
22/ 21																					2
20/ 19																					4
18/ 17																					1
16/ 15																					2
TOTAL	5.7	53.5	28.2	9.1	2.7	.8												919	919	919	919

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6127517	74215	80.8	12.090	919							
Dry Bulb	1691203	39155	42.6	5.001	919		1.8					93
Wet Bulb	1501104	36858	40.1	4.989	919		6.6					93
Dew Point	1285723	33887	36.9	6.278	919		22.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
MAR — MONTH

PAGE 1 — 2100-2300 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53		.1	.1		.1													3	3	1	
52/ 51	.2	1.6	.4		.2													23	23	14	3
50/ 49	.5	1.6	.8	.1														28	28	19	17
48/ 47	1.1	2.9	1.0	.3														48	48	39	23
46/ 45	1.0	6.8	1.4	.2														86	86	45	47
44/ 43	.8	6.5	2.4	.2	.1													91	91	98	52
42/ 41	2.1	14.6	3.5	.4														188	188	91	121
40/ 39	1.0	10.2	2.6															126	126	140	81
38/ 37	3.1	8.1	3.3															132	132	153	123
36/ 35	.4	3.5	1.9															53	53	105	93
34/ 33	1.5	4.5	1.4															68	68	88	116
32/ 31	.5	3.1	.8															40	40	76	59
30/ 29	.1	1.2	.4															16	16	21	76
28/ 27	.1	.8	.1															9	9	13	58
26/ 25		.1																1	1	9	12
24/ 23																					20
22/ 21																					8
20/ 19																					3
TOTAL	12.5	65.6	20.2	1.3	.4													912	912	912	912

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6850945	78603	86.2	9.155	912							
Dry Bulb	1501472	36704	40.2	5.164	912		6.7					93
Wet Bulb	1381522	35172	38.6	5.248	912		12.1					93
Dew Point	1240582	33170	36.4	6.124	912		24.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
MAR — MONTH
PAGE 1
ALL — HOURS (L.S.T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
62/ 61				.0	.0			.0	.0	.0								6	6		
60/ 59			.0	.1	.0	.0	.1	.1	.0									31	31		
58/ 57			.0	.1	.0	.2	.1											27	27		
56/ 55		.1	.2	.2	.1	.2	.0											61	61	7	
54/ 53	.0	.4	.3	.4	.2	.1	.0											112	112	31	3
52/ 51	.3	1.4	1.1	.4	.5	.1	.0											269	269	120	49
50/ 49	.8	1.9	1.6	1.0	.5	.2												436	436	237	147
48/ 47	.8	3.1	2.2	1.2	.9	.0												504	504	390	211
46/ 45	1.0	6.4	2.2	1.9	.6	.1												892	892	644	405
44/ 43	.9	5.5	2.8	1.3	.5	.0												807	908	803	434
42/ 41	2.0	10.7	3.3	1.2	.5	.0												1297	1297	891	996
40/ 39	1.1	6.4	1.6	.4	.1													690	690	1065	676
38/ 37	1.8	4.7	1.9	.2	.1													631	631	949	868
36/ 35	.9	4.5	1.2	.1														481	481	662	703
34/ 33	1.8	3.3	.5	.2														418	418	655	785
32/ 31	.7	2.3	.3															244	244	446	563
30/ 29	.4	1.6	.2															161	162	204	573
28/ 27	.5	.5	.0															76	76	112	434
26/ 25	.1	.2																28	28	49	163
24/ 23	.0	.1																5	5	10	147
22/ 21																				1	60
20/ 19																					38
18/ 17																					14
16/ 15																					7
TOTAL	13.2	53.3	19.4	8.6	3.9	1.1	.3	.1	.0	.0									7278		7276
																		7276		7276	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	50881829	600201	82.5	13.728	7276							
Dry Bulb	12992649	304241	41.8	6.142	7278		52.6					744
Wet Bulb	11572650	287328	39.5	5.575	7276		84.1					744
Dew Point	9996592	265548	36.5	6.475	7276		204.4					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
APR — MONTH

PAGE 1 — 0000-0200 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57			.2															2	2		
56/ 55	.2	.2	.1															5	5	4	2
54/ 53	.1	.3	.1	.1	.1													7	7	3	1
52/ 51	.2	1.2	.9	.1	.3													25	25	6	6
50/ 49	.8	2.2	1.1	.6	.1													42	42	28	21
48/ 47	1.0	5.3	1.9	.5	.3													80	80	48	24
46/ 45	1.1	9.4	2.8	.8														125	125	76	57
44/ 43	.7	7.2	3.4	.5														104	104	112	62
42/ 41	1.2	10.6	5.0	.9														157	157	118	115
40/ 39	.5	7.2	2.3															88	88	118	84
38/ 37	1.4	6.1	3.2															94	94	125	109
36/ 35	.7	4.6	.6	.1														53	53	80	100
34/ 33	.6	3.6	1.4															49	49	73	92
32/ 31	.5	2.9	.3															33	33	59	75
30/ 29	.2	1.4																14	14	26	67
28/ 27	.2	.1																3	3	4	47
26/ 25		.2																2	2	1	10
24/ 23																				2	7
22/ 21																					2
20/ 19																					1
18/ 17																					1
TOTAL	9.4	62.9	23.3	3.5	.9													883	883	883	883

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6421468	74814	84.7	9.683	883							
Dry Bulb	1554233	36735	41.6	5.426	883		5.3					90
Wet Bulb	1415001	35035	39.7	5.314	883		9.4					90
Dew Point	1256505	32877	37.2	6.060	883		21.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
APR — MONTH

PAGE 1 — 0300-0500 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55	.1	.2																3	3	1	1
54/ 53		.5																4	4	2	2
52/ 51		.7																6	6	4	3
50/ 49	.7	.9	.8	.1														22	22	18	14
48/ 47	.6	4.9	.7	.1														55	55	33	10
46/ 45	2.3	8.8	1.4	.1														110	110	88	69
44/ 43	1.0	8.5	2.5	.3														109	109	80	61
42/ 41	1.1	12.9	4.7	.3														167	167	97	109
40/ 39	.5	8.9	1.8															98	98	122	75
38/ 37	2.6	6.8	1.0															92	92	136	126
36/ 35	.9	4.8	.5															54	54	94	97
34/ 33	1.3	4.6	.1															52	52	59	86
32/ 31	.7	5.1	.3															54	54	80	50
30/ 29	.9	2.6																31	31	42	81
28/ 27	1.5	.6																18	18	19	64
26/ 25	.1																	1	1	1	20
24/ 23	.1	.1																2	2	1	9
22/ 21																				1	
20/ 19																					1
TOTAL	14.4	70.8	13.8	1.0															878		878
																		878		878	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6830245	77135	87.9	7.825	878							
Dry Bulb	1437777	35193	40.1	5.562	878		10.9					90
Wet Bulb	1336478	33918	38.6	5.465	878		14.8					90
Dew Point	1216680	32258	36.7	5.994	878		23.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
APR — MONTH

PAGE 1 — 0600-0800 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
58/ 57		.1																1	1		
56/ 55		.6		.1														6	6	1	
54/ 53			.2	.1														3	3	5	5
52/ 51		.9	.2	.8														17	17	1	1
50/ 49	.7	2.5	1.5	.7														47	47	29	10
48/ 47	.7	6.1	1.6	.3														77	77	53	25
46/ 45	1.5	9.0	3.6	.1														125	125	99	66
44/ 43	.8	7.2	3.4	.7														106	106	96	85
42/ 41	1.7	12.0	5.9	1.5	.2													188	188	101	101
40/ 39	.7	6.2	1.5	.1														75	75	132	105
38/ 37	3.2	4.1	1.5	.2														79	79	131	119
36/ 35	1.1	3.0	1.2	.1														48	48	72	95
34/ 33	.6	3.4	.7															41	41	56	66
32/ 31	.3	3.2	.1															32	32	52	50
30/ 29	.8	1.9																24	25	37	62
28/ 27	.8	.5																11	11	14	57
26/ 25	.1																	1	1	2	19
24/ 23																					14
22/ 21																					1
TOTAL	12.9	60.6	21.5	4.8	.2														882		881
																		881		881	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6487349	75115	85.3	9.710	881							
Dry Bulb	1544718	36582	41.5	5.580	882		7.0					90
Wet Bulb	1410467	34925	39.6	5.431	881		10.7					90
Dew Point	1257539	32851	37.3	6.085	881		20.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037960 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
APR — MONTH

PAGE 1 — 0900-1100 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
WET BULB TEMPERATURE DEPRESSION (F)																					
64/ 63					.1	.2												3	3		
62/ 61				.2	.2	.3												7	7		
60/ 59			.2	.2	1.1	.5	.1											19	19		
58/ 57				.8	1.1	.5	.2											23	23	2	
56/ 55		.6	.7	1.6	1.4	.9	.1											45	45	4	
54/ 53			1.7	2.7	1.2		.1											51	52	13	3
52/ 51		2.2	3.1	2.3	1.9	.1												84	84	38	9
50/ 49	.2	1.5	3.7	3.2	1.1	.3												89	89	65	12
48/ 47	.6	4.2	5.1	3.6	1.7	.2	.1											137	137	111	35
46/ 45	.8	5.8	5.8	4.2	2.4	.2												169	169	136	94
44/ 43	.1	2.8	2.7	4.0	1.4	.2												99	99	129	86
42/ 41	.6	2.6	2.8	2.5	.2													77	77	114	133
40/ 39	.2	2.0	1.5	.8	.3													43	43	95	85
38/ 37	.3	1.0	.6	.2														19	19	95	101
36/ 35		.8	.3															10	10	47	76
34/ 33	.1	.6	.1															7	7	22	74
32/ 31		.1																1	1	12	40
30/ 29																					54
28/ 27																					46
26/ 25																					16
24/ 23																					12
22/ 21																					3
20/ 19																					2
18/ 17																					2
TOTAL	2.9	24.1	28.3	26.3	14.3	3.4	.7											883	884	883	883

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4697728	63152	71.5	14.330	883
Dry Bulb	2010627	41879	47.4	5.492	884
Wet Bulb	1665161	38101	43.1	4.894	883
Dew Point	1319743	33665	38.1	6.410	883

Mean No. of Hours with Temperature

≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
	.1					90
	1.2					90
	17.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
APR — MONTH

PAGE 1 — 1200-1400 HOURS (LST)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
70/ 69							.1											1	1		
68/ 67						.2	.3											5	5		
66/ 65				.2		.5	.5	.1	.1									12	12		
64/ 63				.2	.1	1.2	.8	.5	.1									25	25		
62/ 61				.1	.6	1.4	.8	.1										26	26		
60/ 59			.2	.3	1.6	2.0	1.3	.7										53	54	2	
58/ 57			.3	1.2	2.2	2.0	.8											56	56	8	
56/ 55		.1	.9	2.3	2.9	2.1	.6											77	77	12	2
54/ 53		.1	1.8	3.1	3.2	1.7	.7											93	93	33	3
52/ 51	.5	.5	1.7	2.9	4.6	1.4	.9											108	108	54	10
50/ 49	.1	.7	1.5	2.1	1.6	2.3	.5											76	76	100	11
48/ 47	.3	2.2	2.3	3.1	3.6	2.1	.1											119	119	119	38
46/ 45	.3	2.1	2.6	3.2	3.2	.8												107	107	122	81
44/ 43		2.4	.8	1.3	.9	.2												49	49	120	58
42/ 41	.1	1.4	1.5	1.2	.8													43	43	111	126
40/ 39		.9		.1	.2													11	11	87	87
38/ 37	.2	.1	.1	.2														6	6	71	92
36/ 35		.2																2	2	16	68
34/ 33																				10	77
32/ 31																				4	54
30/ 29																					56
28/ 27																					44
26/ 25																					23
24/ 23																					24
22/ 21																					10
20/ 19																					1
18/ 17																					2
16/ 15																					1
14/ 13																					1
TOTAL	1.6	10.7	13.9	21.5	25.5	17.7	7.4	1.4	.2										870		869
																		869		869	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3428152	52856	60.8	15.674	869							
Dry Bulb	2318705	44591	51.3	6.184	870			.6				90
Wet Bulb	1764144	38910	44.8	5.026	869		.4					90
Dew Point	1253516	32448	37.3	6.950	869		22.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
APR — MTH

PAGE 1 — 0-1700 L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb		Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
70/ 69								.2										2	2		
68/ 67						.2	.3											5	5		
66/ 65					.3	.1	.5		.1									9	9		
64/ 63				.1		1.0	.9	1.0	.5									31	31		
62/ 61			.1	.1	.1	1.6	1.0	.3										29	29		
60/ 59			.2	.3	1.9	2.2	2.4	1.0										71	71		
58/ 57			.7	1.4	1.1	.9	.7	.2										44	44	9	
56/ 55		.1	.9	2.0	3.5	1.7	1.2											84	84	12	
54/ 53		.6	1.2	2.7	2.5	2.2	1.5	.2										96	96	33	2
52/ 51	.2	.3	3.2	3.3	3.7	1.4	1.2											118	118	71	14
50/ 49		.6	2.0	2.4	2.0	1.8	1.2	.2										91	91	75	13
48/ 47	.2	.9	1.4	3.1	2.6	2.3	.1											93	93	132	32
46/ 45	.1	4.4	2.0	2.3	2.4	.8												106	106	126	70
44/ 43		1.7	.7	1.2	1.0	.3												44	44	143	71
42/ 41		1.1	1.8	1.0	.2													37	37	135	131
40/ 39		.6	.2															7	7	74	73
38/ 37		.8		.3														10	10	67	89
36/ 35		.2																2	2	25	65
34/ 33	.1																	1	1	5	86
32/ 31																				3	58
30/ 29																					47
28/ 27																					58
26/ 25																					26
24/ 23																					26
22/ 21																					8
20/ 19																					7
18/ 17																					1
14/ 13																					3
TOTAL	.7	11.4	14.5	20.3	21.6	16.5	11.1	3.3	.6									880	880	880	880

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3340314	52238	59.4	16.503	880							
Dry Bulb	2383037	45461	51.7	6.266	880			.7				90
Wet Bulb	1793619	39489	44.9	4.957	880		.3					90
Dew Point	1246728	32524	37.0	7.129	880		23.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
APR — MONTH

PAGE 1 — 1600-2700 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65					.1	.1												2	2		
64/ 63					.5	.2	.1											7	7		
62/ 61				.2	.3	.3			.1									9	9		
60/ 59			.1	.7	.6	.6	.2	.3										22	22		
58/ 57		.1	.2	.8	1.2	.9	.3	.1										33	33	1	
56/ 55			.6	1.6	1.5	.9	.3											44	44	11	
54/ 53		.2	1.5	1.8	1.9	.9	.1											56	56	14	1
52/ 51	.1	2.1	4.2	1.7	2.8	.2	.2											101	101	27	7
50/ 49	.3	2.5	3.4	2.6	.5	.5	.1											87	87	77	17
48/ 47		2.9	2.8	3.8	2.5	.9	.1	.1										117	117	112	47
46/ 45	.1	5.1	4.9	6.3	2.3	.5	.1											167	167	115	84
44/ 43		2.9	2.4	3.1	1.3	.2	.1											86	86	127	67
42/ 41	.1	3.2	3.5	1.6	.5													78	79	116	113
40/ 39	.1	.8	1.1	.3														21	21	112	90
38/ 37	.1	1.4	.9															21	21	77	90
36/ 35	.2	1.7	.3															20	20	52	72
34/ 33		1.1	.2															12	12	30	92
32/ 31			.1															1	1	12	61
30/ 29																				1	59
28/ 27																					41
26/ 25																					22
24/ 23																					10
22/ 21																					4
20/ 19																					3
18/ 15																					1
12/ 11																					1
10/ 9																					2
TOTAL	1.1	24.1	26.2	24.2	15.6	6.2	1.8	.6	.1										884		864
																		884		884	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4476824	61424	69.5	15.379	884
Dry Bulb	2047552	42218	47.8	5.955	884
Wet Bulb	1665616	38110	43.1	5.066	884
Dew Point	1289541	33239	37.6	6.708	884

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		.1					90
Wet Bulb		1.3					90
Dew Point		20.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

337460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
APR — MONTH

PAGE 1 2300-2300 — HOUR

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59			.1															1	1		
58/ 57			.2	.2														4	4		
56/ 55	.1	.2	.3	.5	.2													12	12	2	1
54/ 53	.1	.1	.3	.6	.7	.2												18	18	5	2
52/ 51		1.7	1.2	.5	1.4	.1												43	43	7	3
50/ 49	1.2	2.0	2.8	1.2	.5	.2												71	71	39	17
48/ 47	.8	5.3	2.4	1.0	.2													86	86	53	33
46/ 45	.5	8.7	6.2	2.5	.3													151	161	117	63
44/ 43	.2	7.3	6.5	2.1	.1													145	145	123	80
42/ 41	1.1	6.7	5.6	1.9	.7	.1												143	143	128	119
40/ 39	.1	4.7	2.5	.8	.1													73	73	120	86
38/ 37	.3	2.5	1.9	.2	.2													46	46	102	101
36/ 35	.1	2.6	.3															27	27	70	88
34/ 33	.5	3.2	.2															34	34	58	92
32/ 31	.3	1.6																17	17	45	67
30/ 29		.2																2	2	4	77
28/ 27		.2	.1															3	3	1	31
26/ 25																				2	7
24/ 23																					9
22/ 21																					3
20/ 19																					4
18/ 17																					1
16/ 15																					1
14/ 13																					1
TOTAL	5.4	47.1	30.9	11.5	4.4	.7												886	886	686	886

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5736270	70452	79.5	12.312	886							
Dry Bulb	1712442	38668	43.6	5.298	886		2.2					90
Wet Bulb	1503690	36224	40.9	5.062	886		5.3					90
Dew Point	1276364	33182	37.5	6.166	886		20.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
APR — MONTH
PAGE 1
ALL — HOURS (GMT)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69							.0	.0										3	3		
68/ 67						.1	.1											10	10		
66/ 65				.0	.1	.1	.1	.0	.0									23	23		
64/ 63				.0	.1	.3	.2	.2	.1									66	66		
62/ 61			.0	.1	.2	.5	.2	.1	.0									71	71		
60/ 59			.1	.2	.7	.6	.5	.3										156	167	2	
58/ 57		.0	.2	.5	.7	.5	.3	.0										153	163	20	
56/ 55	.1	.3	.4	1.0	1.2	.7	.3											276	276	47	6
54/ 53	.0	.2	.9	1.4	1.2	.6	.3	.0										328	329	108	19
52/ 51	.1	1.2	1.8	1.4	1.8	.4	.3											502	502	208	53
50/ 49	.5	1.6	2.1	1.6	.7	.6	.2	.0										525	525	431	115
48/ 47	.5	4.0	2.3	1.9	1.4	.7	.1	.0										754	764	671	244
46/ 45	.8	6.7	3.7	2.4	1.3	.3	.0											1370	1370	879	584
44/ 43	.4	5.0	2.8	1.6	.6	.1	.0											742	742	930	570
42/ 41	.8	6.3	3.9	1.4	.3	.0												890	890	890	947
40/ 39	.3	3.9	1.4	.3	.1													416	416	860	685
38/ 37	1.0	2.9	1.1	.2	.0													367	367	804	827
36/ 35	.4	2.2	.4	.0														216	216	456	661
34/ 33	.4	2.1	.3															196	196	313	565
32/ 31	.2	1.6	.1															138	138	267	455
30/ 29	.2	.8																71	72	110	503
28/ 27	.3	.2	.0															35	35	38	388
26/ 25	.0	.0																4	4	6	143
24/ 23	.0	.0																2	2	3	111
22/ 21																				1	31
20/ 19																					19
18/ 17																					7
16/ 15																					3
14/ 13																					5
12/ 11																					1
10/ 9																					2
TOTAL	6.1	39.0	21.6	14.1	10.3	5.5	2.6	.7	.1										7047		7044
																		7044		7044	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	41418350	527186	74.8	16.694	7044							
Dry Bulb	15009091	321327	45.6	7.121	7047		25.6	1.3				720
Wet Bulb	12554176	294712	41.8	5.637	7044		43.4					720
Dew Point	10116616	263044	37.3	6.458	7044		170.5					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
MAY — MONTH

PAGE 1 — 0000-0200 HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
62/ 61				.3														3	3		
60/ 59		.1	.2	.2	.1		.1											7	7		
58/ 57		.1	.2	.5														8	8	1	
56/ 55		1.3	.8	.5	.3													27	27	8	1
54/ 53	.9	3.2	1.0	1.0	.3	.1												59	59	32	22
52/ 51	2.1	4.5	.9	1.2	.2	.1	.1											83	83	72	45
50/ 49	2.2	6.8	3.3	.5	.1													118	118	80	74
48/ 47	1.9	9.5	2.2	1.1	.3													137	137	123	82
46/ 45	2.4	13.6	3.1	.4	.1													179	179	165	138
44/ 43	2.2	6.9	1.6	.5														103	103	157	121
42/ 41	1.1	6.4	2.1	.2														90	90	87	134
40/ 39	.2	3.8	.4															41	41	77	78
38/ 37	1.7	1.6	.2															33	33	67	67
36/ 35	.4	.9																12	12	24	70
34/ 33	.1	.7																7	7	9	44
32/ 31		.9																8	8	13	19
30/ 29																					15
28/ 27																					4
24/ 23																					1
TOTAL	15.2	60.2	16.0	6.7	1.5	.2	.2												915		915
																		915		915	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7302246	79416	86.8	10.943	915							
Dry Bulb	1995833	42476	46.4	5.126	915		.8					93
Wet Bulb	1838349	40769	44.6	4.885	915		1.3					93
Dew Point	1685917	38935	42.6	5.648	915		4.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
MAY — MONTH

PAGE 1 — 0300-0500 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
62/ 61				.1														1	1		
60/ 59				.2														2	2		
58/ 57			.1	.3														4	4		
56/ 55	.3	.4	.8	.2														16	16	4	3
54/ 53	.5	1.3	1.3	.3														32	32	19	10
52/ 51	2.1	3.8	.4	.7	.2													66	66	46	30
50/ 49	2.4	2.8	2.0	.3														69	69	81	50
48/ 47	2.5	7.6	2.6	.8														124	124	93	75
46/ 45	5.3	14.8	3.3	.3	.1													216	216	172	142
44/ 43	2.3	8.3	1.1	.8														114	114	152	120
42/ 41	2.2	9.1	.9	.1														113	113	94	167
40/ 39	1.2	3.7	.2															47	47	91	76
38/ 37	2.3	2.5																44	44	73	85
36/ 35	1.2	4.0																48	48	48	61
34/ 33	.2	.7																8	8	29	50
32/ 31	.1	1.0																10	10	10	26
30/ 29	.1	.7																7	7	9	14
28/ 27																					12
TOTAL	22.4	60.6	12.6	4.1	.3													921	921	921	921

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7441873	82355	89.4	9.194	921							
Dry Bulb	1874270	41262	44.8	5.283	921		1.7					93
Wet Bulb	1756208	39942	43.4	5.108	921		1.9					93
Dew Point	1638740	38508	41.8	5.583	921		5.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
MAY — MONTH

PAGE 1 — 0600-0800 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 53				.1	.1													2	2		
62/ 61			.1		.2													3	3		
60/ 59			.7	.8	.2													15	15	1	
58/ 57	.1	.9	.3	.8	.3													22	22	2	1
56/ 55	.1	2.1	1.8	.9	.3	.3	.1											51	51	18	5
54/ 53	.4	2.6	1.7	1.0	.1													53	53	44	25
52/ 51	1.8	5.9	5.0	1.3	.7													133	133	80	52
50/ 49	1.1	4.5	3.6	.8	.2													93	93	102	58
48/ 47	2.2	11.6	3.2	1.3	.3													169	169	147	92
46/ 45	2.6	10.1	3.9	.9	.1													160	161	188	178
44/ 43	.9	5.4	1.8	.3														76	76	109	121
42/ 41	.7	4.6	1.0	.1														58	58	84	132
40/ 39	.3	2.9	.3															32	32	53	58
38/ 37	.8	1.3	.1															20	20	43	76
36/ 35	.4	.8	.1															12	12	23	55
34/ 33	.2	.2																4	4	8	32
32/ 31	.1	.4																5	5	6	11
30/ 29																					4
28/ 27																					8
TOTAL	11.8	53.4	23.5	8.3	2.6	.3	.1												909		908
																		908		908	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	6626266	76904	84.7	11.152	908
Dry Bulb	2104589	43483	47.8	5.198	909
Wet Bulb	1909532	41410	45.6	4.812	908
Dew Point	1728286	39298	43.3	5.504	908

Mean No. of Hours with Temperature	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		.5					93
Wet Bulb		.6					93
Dew Point		2.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037860 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
MAY — MONTH

PAGE 1 — 0900-1100 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73							.1											1	1		
72/ 71					.1	.1		.1										3	3		
70/ 69					.3	.3	.3	.3	.1									13	13		
68/ 67				.1	.3	.3	.8		.1									15	15		
66/ 65				.2	.3	.8	.2		.1	.2								17	17		
64/ 63		.2	.2	.5	.9	1.0	.9	.4	.3									41	41	2	
62/ 61			.7	.5	1.0	1.0	.1											30	30	8	1
60/ 59		.4	1.8	2.3	1.8	1.8	1.0	.2										84	84	13	3
58/ 57	.2	.9	1.6	3.1	2.1	.5	.1	.1										79	79	38	7
56/ 55	.2	2.1	3.1	4.2	2.7	1.3	.1											125	125	51	17
54/ 53	.1	1.8	1.9	5.3	1.6	.3	.2											102	102	93	34
52/ 51	.4	3.1	6.2	1.6	2.9	.3												132	132	113	53
50/ 49	.2	2.9	3.6	2.5	1.2	.2												97	97	145	66
48/ 47	.4	2.7	1.8	2.9	.8													78	78	184	93
46/ 45	.3	3.7	1.3	1.3	.3	.2												66	66	99	176
44/ 43	.1	.5	1.1	.3														19	19	96	125
42/ 41		.5		.2														7	7	48	116
40/ 39		.1																1	1	20	43
38/ 37																				6	67
36/ 35																				4	57
34/ 33																					35
32/ 31																					11
30/ 29																					11
28/ 27																					11
26/ 25																					2
24/ 23																					2
TOTAL	2.1	19.0	23.2	25.2	16.4	8.2	3.8	1.2	.7	.2								910	910		910
																		910		910	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4623952	63332	69.6	15.427	910							
Dry Bulb	2687780	49164	54.0	5.899	910			3.3	.1			93
Wet Bulb	2187167	44403	48.8	4.754	910							93
Dew Point	1768705	39713	43.6	6.258	910		3.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
MAY — MONTH

PAGE 1 — 1200-1400 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
80/ 79									.1									1	1		
78/ 77								.3										3	3		
76/ 75							.7	.2		.2								10	10		
74/ 73						.3	.6	.1	.3	.3	.3							18	18		
72/ 71						.2	.1	.3	.4	.4								14	14		
70/ 69					.1	.9	.8	1.0	.6	.2	.1	.1						34	34		
68/ 67					.1	.4	.6	.1	.4		.3	.1						19	19		
66/ 65				.1	.4	.4	.9	.3	.2	.3	.1							26	26		
64/ 63			.3	1.6	1.1	2.1	1.2	.7	.1	.1								65	65	13	
62/ 61			.1	1.4	1.7	2.3	.9	.4	.2									64	64	14	
60/ 59			1.6	2.3	3.7	4.3	1.0	.1	.1									115	115	19	2
58/ 57		.6	1.6	3.3	2.2	1.8	.3	.3										91	91	42	9
56/ 55		1.0	2.2	3.7	3.8	2.6	.2	.1										122	122	76	21
54/ 53	.2	1.4	2.0	3.5	1.6	1.0	.3											90	90	104	33
52/ 51	.1	1.4	2.8	2.2	3.6	1.0	.2											102	102	138	58
50/ 49	.1	1.1	1.1	1.6	.6	.7												46	46	138	55
48/ 47	.1	1.9	.9	.7	.4	.3												39	39	138	74
46/ 45	.1	1.9	.2	.2	.2	.1												25	25	115	132
44/ 43		.2	.1															3	3	51	117
42/ 41	.1	.4		.2														7	7	26	127
40/ 39		.2																2	2	12	65
38/ 37		.1																1	1	7	68
36/ 35																				4	38
34/ 33																					32
32/ 31																					12
30/ 29																					18
28/ 27																					21
26/ 25																					3
24/ 23																					9
22/ 21																					1
20/ 19																					2
TOTAL	.8	10.4	12.9	20.5	19.5	18.6	7.8	4.1	2.6	1.7	.9	.2							897		897
																		897		897	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Ref. Num.	3591391	54679	61.0	16.978	897							
Dry Bulb	2998806	51484	57.4	6.995	897			10.3	3.5			93
Wet Bulb	2272825	44927	50.1	5.024	897							93
Dew Point	1697436	38524	42.9	6.921	897		6.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037960 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
MAY — MONTH

PAGE 1 — 1500-1700 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
78/ 77							.1	.3	.1	.1								6	6		
76/ 75							.4	.3	.1	.1								9	9		
74/ 73						.3	.7	.2	.3		.3							17	17		
72/ 71					.1	.1	.1	.4	.9	.4	.2							21	21		
70/ 69					.2	.5	.5	.8	.5	.3		.1						28	28		
68/ 67				.1	.3	.3	.7	.4	.4	.2		.1						24	24		
66/ 65				.3	.3	1.1	1.6	.2	.5	.2	.1							41	41	1	
64/ 63			.1	1.0	1.1	2.4	1.9	.5	.1	.1	.3							69	69	13	
62/ 61			.1	.8	1.4	2.6	1.6	.3	.4									67	67	18	
60/ 59		.7	2.1	2.0	2.6	2.6	.9	.2										101	101	14	3
58/ 57		.7	1.1	3.9	3.1	1.4	.7											99	99	49	9
56/ 55		1.7	.9	4.0	3.3	3.2	.2											122	122	90	34
54/ 53	.2	1.3	1.4	3.4	1.9	1.0	.4	.1										89	89	104	24
52/ 51		1.2	3.2	1.7	2.5	.9	.5											92	92	129	50
50/ 49	.3	.5	2.4	1.5	.7	.7												56	56	135	59
48/ 47	.1	2.2	.3	.5	.3	.2												34	34	144	79
46/ 45	.1	2.0	.3	.4		.1												27	27	118	147
44/ 43		.3																3	3	51	118
42/ 41		.5	.3															8	8	30	126
40/ 39		.1																1	1	11	58
38/ 37	.1																	1	1	8	66
36/ 35		.1																1	1	1	41
34/ 33																					43
32/ 31																					12
30/ 29																					17
28/ 27																					12
26/ 25																					5
24/ 23																					6
22/ 21																					2
20/ 19																					3
18/ 17																					1
16/ 15																					1
TOTAL	.9	11.4	12.2	19.8	17.8	17.5	10.4	3.9	3.5	1.5	1.0	.2						916	916		916
																				916	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	3659097	55739	60.9	17.094	916							
Dry Bulb	3086500	52766	57.6	7.161	916			13.7	3.2			93
Wet Bulb	2331824	45982	50.2	5.077	916							93
Dew Point	1702830	39844	43.1	6.960	916		6.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
MAY — MONTH

PAGE 1 — 1800-2000 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
74/ 73						.1	.1	.1										3	3		
72/ 71					.2	.1		.1										4	4		
70/ 69				.1	.2		.2	.4		.1								10	10		
68/ 67				.1	.4	.4	.6	.2	.4									20	20		
66/ 65			.1	.3	.2	.3	.4	.1	.4									18	18		
64/ 63			.1	.8	1.0	1.4	1.1	.4	.1	.1	.1							47	47	6	
62/ 61			.4	.8	1.2	1.0	.3	.2	.1	.2								39	39	7	1
60/ 59		.3	1.2	2.5	2.4	2.1	.9	.1		.1								88	88	12	3
58/ 57	.1	.8	1.8	1.8	1.1	.7	.1	.1	.1									59	59	27	9
56/ 55	.2	2.8	2.3	3.0	2.0	1.1												103	103	55	15
54/ 53		2.4	2.5	4.0	1.7	.4												100	100	100	30
52/ 51	.3	3.7	4.3	2.1	2.7	.2												120	120	114	63
50/ 49	.9	1.8	5.3	1.4	.6	.3	.1											94	94	125	77
48/ 47	.3	4.1	2.9	1.9	.7	.1												90	90	147	83
46/ 45	.2	3.8	2.4	1.0	.2	.2												71	71	150	134
44/ 43		.2	.3	.3	.1													9	9	71	111
42/ 41	.1	.7	.6	.2														14	14	50	140
40/ 39	.3	.1	.2															6	6	14	48
38/ 37	.4	.2																6	6	15	72
36/ 35		.1																1	1	9	50
34/ 33																					28
32/ 31																					10
30/ 29																					8
28/ 27																					9
24/ 23																					3
22/ 21																					4
20/ 19																					2
16/ 15																					2
TOTAL	3.0	21.0	24.6	20.4	14.7	8.6	3.9	1.9	1.2	.6	.1							902	902	902	902

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4655534	63390	69.9	16.413	902
Dry Bulb	2661257	48643	53.9	6.498	902
Wet Bulb	2163246	43942	48.7	5.004	902
Dew Point	1747865	39265	43.5	6.547	902

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			3.8	.3			93
Wet Bulb							93
Dew Point		3.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
MAY — MONTH

PAGE 1 — 2100-2300 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67						.1												1	1		
66/ 65						.1	.1											2	2		
64/ 63					.5	.3	.1											9	9		
62/ 61			.3	.1	.5		.1											10	10		
60/ 59		.2	.9	.8	.7	.4	.2											29	29	2	
58/ 57		.9	.4	1.3	.4	.3	.1	.1										33	33	8	1
56/ 55	.2	1.6	1.5	1.1	1.0	.5	.1	.1										57	58	24	11
54/ 53	.9	2.8	2.1	1.2	.8		.2	.1										74	75	51	19
52/ 51	1.7	5.3	3.9	.7	.9	.1												116	116	89	57
50/ 49	1.4	5.3	4.1	1.0	.5													114	114	118	65
48/ 47	1.0	9.6	3.6	1.3	.7													148	148	138	89
46/ 45	1.0	11.5	4.7	1.6														172	172	174	154
44/ 43	.4	4.3	1.7	.7														65	65	129	126
42/ 41		2.8	1.5	.1														41	41	76	141
40/ 39	.3	1.2	.7	.1														21	21	53	67
38/ 37	.2	.8	.3															12	12	25	69
36/ 35		.4																4	4	14	41
34/ 33		.7																6	6	11	29
32/ 31	.1	.1																2	2	4	26
30/ 29																					11
28/ 27																					6
26/ 25																					1
24/ 23																					3
TOTAL	7.3	47.6	25.9	9.9	6.0	2.0	1.0	.3											918		916
																		916		916	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6177527	74191	81.0	13.569	916							
Dry Bulb	2236638	45040	49.1	5.409	918		.2	.1				93
Wet Bulb	1971794	42272	46.1	4.791	916		.4					93
Dew Point	1734353	39495	43.1	5.863	916		4.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
MAY — MONTH

PAGE 1
ALL — HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79									.0									1	1		
78/ 77							.0	.1	.0	.0								9	9		
76/ 75							.1	.1	.0	.0								19	19		
74/ 73						.1	.2	.1	.1	.0	.1							39	39		
72/ 71					.1	.1	.0	.1	.2	.1	.0							42	42		
70/ 69				.0	.1	.2	.2	.3	.2	.1	.0	.0						85	85		
68/ 67				.0	.2	.2	.3	.1	.2	.0	.0	.0						79	79		
66/ 65			.0	.1	.2	.3	.4	.1	.2	.1	.0							104	104	1	
64/ 63		.0	.1	.5	.6	.9	.	.3	.1	.0	.1							233	233	34	
62/ 61			.2	.5	.8	.9	.4	.1	.1	.0								217	217	47	2
60/ 59		.2	1.0	1.3	1.4	1.4	.5	.1	.0	.0								441	441	61	11
58/ 57	.1	.6	.9	1.9	1.2	.6	.2	.1	.0									395	395	167	36
56/ 55	.1	1.6	1.7	2.2	1.7	1.1	.1	.0										523	524	326	137
54/ 53	.4	2.1	1.7	2.4	1.0	.4	.2	.0										599	600	537	197
52/ 51	1.1	3.6	3.3	1.4	1.7	.3	.1											844	844	781	408
50/ 49	1.1	3.2	3.2	1.2	.5	.2	.0											687	687	924	504
48/ 47	1.1	6.2	2.2	1.3	.4	.1												819	819	1114	667
46/ 45	1.5	7.7	2.4	.8	.1	.1												916	917	1181	1201
44/ 43	.7	3.3	1.0	.4	.0													392	392	816	939
42/ 41	.5	3.2	.8	.2														338	338	495	1083
40/ 39	.3	1.5	.2	.0														151	151	331	493
38/ 37	.7	.8	.1															117	117	244	570
36/ 35	.3	.8	.0															78	78	127	413
34/ 33	.1	.3																25	25	57	293
32/ 31	.0	.3																25	25	33	127
30/ 29	.0	.1																7	7	9	98
28/ 27																					83
26/ 25																					11
24/ 23																					24
22/ 21																					7
20/ 19																					7
18/ 17																					1
16/ 15																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
MAY — MONTH

PAGE 2

ALL — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	8.3	35.5	18.8	14.3	9.8	6.9	3.4	1.4	1.0	.5	.2	.1						7285	7288	7285	7285

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	43777886	549706	75.5	7.764	7285							
Dry Bulb	19645670	374318	51.4	7.595	7288		3.3	28.0	6.9			744
Wet Bulb	16430945	343647	47.2	5.502	7285		4.3					744
Dew Point	13744132	313182	43.0	6.205	7285		35.9					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
JUN — MONTH

PAGE 1 0000-0200 GMT

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
74/ 73						.1												1	1		
72/ 71					.1													1	1		
70/ 69					.1	.1												2	2		
68/ 67			.1	.2	.1													4	4		
66/ 65		.1		.2	.2													5	5	2	
64/ 63		.2	.7	.7														14	14	3	
62/ 61	.2	.8	.5	.5	.3													20	20	11	5
60/ 59	1.0	2.1	1.7	1.4	.3													57	57	25	20
58/ 57	.6	4.2	1.8	.6	.1													64	64	45	18
56/ 55	2.7	7.9	2.2	.6	.2	.1												120	120	90	67
54/ 53	2.1	10.1	2.6	.8														136	136	132	117
52/ 51	2.3	8.7	1.4	.2	.2	.1												113	113	143	120
50/ 49	1.3	7.8	2.6	.2														104	104	98	114
48/ 47	1.1	9.0	1.0	.1	.1													100	100	114	98
46/ 45	1.1	8.1	.9	.3														92	92	106	132
44/ 43	.2	1.8	.3															21	21	54	73
42/ 41	.3	.8	.1															11	11	25	61
40/ 39		.2	.2															4	4	6	22
38/ 37		.5																4	4	4	7
36/ 35																				5	8
34/ 33																					9
32/ 31																					2
TOTAL	13.1	62.4	16.3	5.8	1.9	.5												873	873	873	873

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6816612	76696	87.9	9.495	873							
Dry Bulb	2406214	45604	52.2	5.240	873			.8	.1			90
Wet Bulb	2233260	43946	50.3	4.914	873							90
Dew Point	2092393	42485	48.7	5.337	873		.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

337460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
JUN — MONTH

PAGE 1 0300-0500

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
69/ 67					.2													2	2		
66/ 65				.1														1	1		
64/ 63		.2	.6	.2														9	9		
62/ 61		.7	.3	.1	.1	.1												12	12	5	
60/ 59	1.0	1.3	.7	.2														28	26	21	20
58/ 57	.5	2.5	.3	.1														30	30	22	12
56/ 55	3.0	7.4	1.8	.2														109	109	56	55
54/ 53	2.6	9.3	1.5	.1														118	118	130	75
52/ 51	4.5	8.6	2.1	.1														133	133	133	129
50/ 49	3.5	6.3	1.3	.2	.1													100	100	122	114
48/ 47	2.2	8.8	1.3	.5														111	111	108	103
46/ 45	3.5	10.6	.2															126	126	129	154
44/ 43	.3	4.1	.2															41	41	69	73
42/ 41	.5	3.0	.8															37	37	33	70
40/ 39	.5	.7	.1															11	11	28	30
38/ 37	.3	.2																5	5	14	22
36/ 35		.2																2	2	3	9
34/ 33																				2	5
32/ 31																					3
30/ 29																					1
TOTAL	22.4	63.9	11.2	1.9	.5	.1												875	875	875	875

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	7274088	79480	90.8	7.902	875
Dry Bulb	2247392	44122	50.4	5.078	875
Wet Bulb	2125689	42909	49.0	4.958	875
Dew Point	2026919	41855	47.8	5.328	875

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.							
Dry Bulb			.2				90
Wet Bulb							90
Dew Point		.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
JUN — MONTH

PAGE 1 — 0600-0900 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77							.1											1	1			
76/ 75						.1												1	1			
74/ 73							.1											1	1			
72/ 71					.1													1	1			
70/ 69			.1	.2		.2		.1										6	6			
68/ 67			.1	.3		.1												5	5			
66/ 65			.6	.5	.3	.1	.1											14	14	4		
64/ 63		.5	.2	.6	.2	.1												14	14	5		
62/ 61		.7	1.5	.7	.3	.1												29	29	12	8	
60/ 59	.5	2.2	3.5	1.6	.3	.2												72	72	22	18	
58/ 57	.3	5.1	2.8	1.8	.8													94	94	43	26	
56/ 55	2.8	8.9	4.1	1.2	.5	.2												153	153	120	80	
54/ 53	.9	9.7	3.8	1.4	.2													139	139	146	80	
52/ 51	2.6	7.6	4.5	.8	.2													137	137	168	162	
50/ 49	1.3	4.0	2.6	.5	.1													75	75	130	117	
48/ 47	1.7	5.1	1.4	.3														74	74	102	120	
46/ 45	.6	3.1	.2	.1														35	35	71	119	
44/ 43		.9	.2															10	10	26	51	
42/ 41		.5	.2															6	6	10	57	
40/ 39		.1																1	1	4	11	
38/ 37																				2	13	
36/ 35																					3	
34/ 33																					2	
32/ 31																					1	
TOTAL	10.7	48.3	25.9	10.1	3.2	1.3	.3	.1											868			868
																		868		868		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	6327019	73473	84.6	11.151	868							
Dry Bulb	2552733	46875	54.0	4.959	868			1.6	.3			90
Wet Bulb	2317393	44667	51.5	4.430	868							90
Dew Point	2131395	42797	49.3	4.954	868		.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
JUN — MONTH

PAGE 1 — 0900-1100 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
86/ 85									.1		.1							2	2		
84/ 83								.1	.1		.1							3	3		
82/ 81							.1		.1	.1								3	3		
80/ 79						.1		.1		.1								3	3		
78/ 77							.3	.3	.2	.1		.1						10	10		
76/ 75					.2	.3		.2	.1									8	8		
74/ 73				.3		.5	.1	.2	.3									13	13		
72/ 71				.5	.3	.3	.5	.5	.2									20	20		
70/ 69			.1	.7	1.2	1.0	.5	.2										32	32	6	
68/ 67				.3	1.0	1.2	.7	.2										30	30	5	
66/ 65			.3	1.4	1.3	.9		.2	.2									38	38	19	1
64/ 63		.1	1.2	3.1	2.6	1.3	.7											78	78	20	7
62/ 61		.1	1.7	3.1	2.8	1.6	.1											84	84	30	15
60/ 59	.3	2.6	5.4	5.0	4.4	2.0	.6											176	176	61	27
58/ 57	.3	3.2	2.9	3.6	2.1	.2												107	107	108	37
56/ 55	.5	3.7	3.6	3.7	2.0	.9												124	124	138	78
54/ 53	.2	3.6	2.1	1.5	1.2													74	74	152	85
52/ 51	.9	.9	1.3	.8	.6													39	39	149	140
50/ 49		.8	.9	.5	.1													20	20	92	100
48/ 47	.1	.2	.1															4	4	53	98
46/ 45																				28	113
44/ 43																				6	61
42/ 41																				1	56
40/ 39																					15
38/ 37																					18
36/ 35																					9
34/ 33																					7
32/ 31																					1
TOTAL	2.4	15.3	19.6	24.4	19.7	10.6	3.6	2.2	1.5	.3	.2	.1							868		868
																		868		868	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4392866	60368	69.5	14.973	868							
Dry Bulb	3160469	52085	60.0	6.360	868			12.9	4.4	1.1		90
Wet Bulb	2571344	47064	54.2	4.740	868			1.1				90
Dew Point	2146854	42874	49.4	5.797	868		.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
JUN — MONTH

PAGE 1 — 1200-1400 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
92/ 91												.2						2	2		
90/ 89											.1	.2						3	3		
88/ 87										.2	.1	.1						4	4		
86/ 85											.1	.3						4	4		
84/ 83											.2		.1					3	3		
82/ 81											.1							1	1		
80/ 79						.1	.3	.3		.2	.3	.2						14	14		
78/ 77						.6	.5	.6	1.3	.5								29	29		
76/ 75						.5	.8	.7	.5	.1								22	22		
74/ 73					.2	.5	1.5	1.2	.1	.3	.1							34	34		
72/ 71				.1	.9	.8	.9	.5	.6									33	33		
70/ 69					2.1	1.5	.8	.7	.1		.2							47	47	5	
68/ 67					1.4	.8	.6	.6		.1								30	30	11	
66/ 65			.5	1.7	2.4	1.5	1.3	.8										71	71	23	
64/ 63		.3	.7	4.3	4.2	3.8	1.7	.6										135	135	34	3
62/ 61		.9	2.6	2.8	4.4	2.6	.6											119	119	72	9
60/ 59	.3	2.7	2.6	2.2	4.1	1.7	.9											125	125	91	39
58/ 57	.1	1.7	1.4	2.6	.9	1.4	.2											72	72	131	55
56/ 55	.1	2.3	1.9	2.0	.6	.8												66	66	127	90
54/ 53		1.2	.1	.5	.6	.3												23	23	143	82
52/ 51	.1	.7	1.0	.3	.2													21	21	111	115
50/ 49			.2															2	2	57	80
48/ 47		.2																2	2	37	88
46/ 45																				16	119
44/ 43																				3	67
42/ 41																					55
40/ 39																					17
38/ 37																					20
36/ 35																					12
34/ 33																					7
32/ 31																					2
28/ 27																					2
TOTAL	.7	10.1	10.9	16.5	22.0	16.9	10.2	5.9	2.6	1.5	1.4	1.2	.1						862		862
																		862		862	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3503319	53179	61.7	16.078	862
Dry Bulb	3534467	54839	63.6	7.286	862
Wet Bulb	2698234	48046	55.7	4.850	862
Dew Point	2126162	42488	49.3	6.091	862

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			23.6	12.1	2.7		90
Wet Bulb			1.8				90
Dew Point		.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
JUN — MONTH

PAGE 1 1500-1700 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																			
92/ 91												.1	.2					3	3	
90/ 89											.2	.1	.2					5	5	
88/ 87											.1							1	1	
86/ 85											.1	.6		.1	.1			8	8	
84/ 83															.1			1	1	
80/ 79						.1	.1	.1		.1	.3							7	7	
78/ 77						.1	1.3	.8	1.1	.8		.1						37	37	
76/ 75					.1	.5	1.1	.8	.1	.3								26	26	
74/ 73				.1	.2	1.7	.8	2.4	.8	.1								54	54	
72/ 71				.1	.3	.6	1.5	.9	.1	.1	.1							33	33	
70/ 69					1.6	2.1	.9	.5	.3		.2							49	50	4
68/ 67					1.4	1.1	.5	.8										33	33	11
66/ 65			.2	1.6	1.5	1.5	1.3	.3										56	56	26
64/ 63		.3	1.5	6.1	3.6	4.8	2.5	.8	.1									172	172	33 4
62/ 61		1.4	2.5	2.4	2.2	1.6	.7											94	94	70 5
60/ 59	.2	.8	1.8	2.2	4.1	1.0	.5	.3										96	96	128 35
58/ 57	.2	1.7	.9	3.3	2.2	1.1												83	83	127 66
56/ 55	.2	1.4	1.4	.7	.5	.9												44	44	111 91
54/ 53		2.2	.9	1.1	.1													38	38	122 90
52/ 51	.1	1.1	1.1	.2	.1													24	24	122 95
50/ 49		.5	.1	.3														8	8	71 92
48/ 47																				30 94
46/ 45																				11 130
44/ 43																				4 51
42/ 41																				63
40/ 39																				15
38/ 37																				23
36/ 35																				7
34/ 33																				3
32/ 31																				3
30/ 29																				1
28/ 27																				2
26/ 25																				2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
037450	BOSCOMBE DOWN UK	73-82	JUN

PAGE 2 1500-1700 HOURS (LST)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	.8	9.4	13.6	18.2	17.9	17.2	11.1	7.8	2.6	1.5	1.1	.9	.5	.1	.2			872	873	872	872

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3481537	53251	61.1	16.237	872							
Dry Bulb	3626732	55982	64.0	7.545	873			25.6	14.5	2.4		90
Wet Bulb	2746122	48752	55.9	4.849	872			1.5				90
Dew Point	2151752	42990	49.3	6.092	872		.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037453 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
JUN — MONTH

PAGE 1 — 1800-2000 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
90/ 89											.1							1	1		
88/ 87										.1		.1						2	2		
86/ 85										.1	.1							2	2		
84/ 83										.1	.2				.1			4	4		
82/ 81									.2									2	2		
80/ 79								.1	.1									2	2		
78/ 77								.1	.1	.3			.1					6	6		
76/ 75						.3	.2	.3			.1							9	9		
74/ 73					.1	.5	.6	.6	.3	.1								19	19		
72/ 71				.2	.9	.7	.8	.6	.1									29	29		
70/ 69			.2	.5	.9	2.1	.2	.1	.2		.1							38	39	3	
68/ 67			.1	.6	1.5	1.0	.3	.5										35	35	8	
66/ 65		.1	.8	1.4	1.6	1.1	.3		.1									48	49	11	
64/ 63	.1	.6	1.8	3.3	2.1	1.5	.8	.1										92	92	32	7
62/ 61		1.1	3.8	2.9	1.7	1.6	.3	.2										102	102	49	4
60/ 59		1.7	5.6	3.3	3.3	1.3	.1	.1										135	135	89	51
58/ 57	.2	2.5	2.5	3.7	1.7	.5	.1											98	98	110	41
56/ 55	.8	2.7	3.7	3.4	1.5	.5												110	110	139	94
54/ 53	.3	2.1	2.3	2.5	.2													65	65	118	110
52/ 51	.5	2.1	2.3	1.0	.3													54	54	133	112
50/ 49	.3	.8	.3	.2														15	15	104	93
48/ 47	.2	.2	.3	.2														9	9	55	92
46/ 45																				20	123
44/ 43			.1															1	1	6	45
42/ 41																				1	58
40/ 39																					21
38/ 37																					10
36/ 35																					4
34/ 33																					4
32/ 31																					4
30/ 29																					1
28/ 27																					1
26/ 25																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
JUN — MONTH

1600-2000 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	2.5	13.9	23.9	23.2	15.9	11.0	3.9	2.7	1.3	.8	.7	.1	.1		.1			876	877	876	876

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4427339	60819	69.4	15.299	876							
Dry Bulb	3253720	53390	60.5	6.746	877			15.3	4.8	1.3		90
Wet Bulb	2635921	47867	54.6	4.821	876			1.1				90
Dew Point	2198740	43586	49.8	5.864	876		.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

C37463 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
JUN — MONTH

PAGE 1 — 2100-2300 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
78/ 77						.1	.1											2	2		
76/ 75						.3												3	3		
74/ 73					.2		.1		.1									4	4		
72/ 71				.1		.3												4	4		
70/ 69				.1	.2		.1	.2										6	6		
68/ 67			.1		.2	.5												7	7	1	
66/ 65		.1	.3	.6	.3													12	12	7	
64/ 63	.1	.8	.9	1.6	1.3		.1											42	42	5	3
62/ 61		.7	1.8	1.5	.5	.2	.1											42	42	19	4
60/ 59	.7	4.4	3.9	2.6	1.0	.3	.2											115	115	32	29
58/ 57	.1	4.6	2.9	1.1	.5	.2												82	82	82	30
56/ 55	1.7	7.3	3.1	1.1	.6													121	121	115	83
54/ 53	1.7	6.7	2.8	1.9														114	114	144	103
52/ 51	1.3	7.8	4.1	1.0	.5	.2												130	131	129	126
50/ 49	.3	5.4	3.2	.2														80	80	118	103
48/ 47	.7	4.8	1.7	.6														58	68	118	117
46/ 45	.3	2.3	.5															27	27	64	130
44/ 43		1.1																10	10	27	45
42/ 41		.2	.1															3	3	8	67
40/ 39																				2	11
38/ 37																				1	14
36/ 35																					4
34/ 33																					1
32/ 31																					2
TOTAL	7.0	46.2	25.5	12.6	5.3	2.3	.8	.2	.1									872	873	872	872

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5985739	71469	82.0	12.130	872
Dry Bulb	2668977	48027	55.0	5.547	873
Wet Bulb	2376649	45341	52.0	4.680	872
Dew Point	2147337	43031	49.3	5.235	872

Mean No. of Hours with Temperature	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb			2.7	.9			90
Wet Bulb			.1				90
Dew Point		.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

C37460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
JUN — MONTH

ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91												.0	.0					5	5		
90/ 89											.1	.0	.0					9	9		
88/ 87										.0	.0	.0						7	7		
86/ 85									.0	.0	.1	.1		.0	.0			16	16		
84/ 83								.0	.0	.0	.1		.0		.0			11	11		
82/ 81							.0		.0	.0	.0							6	6		
80/ 79						.0	.1	.1	.0	.1	.1	.0						26	26		
78/ 77						.1	.3	.2	.3	.2		.0	.0					85	85		
76/ 75					.0	.3	.3	.3	.1	.1	.0							69	69		
74/ 73				.1	.1	.4	.4	.5	.2	.1	.0							126	126		
72/ 71				.1	.3	.3	.5	.3	.1	.0	.0							121	121		
70/ 69			.1	.2	.8	.9	.3	.2	.1		.1							180	181	19	
68/ 67			.1	.2	.7	.6	.3	.3		.0								146	145	36	
66/ 65		.0	.3	.9	1.0	.6	.4	.2	.0									245	246	94	1
64/ 63	.0	.4	.9	2.5	1.7	1.4	.7	.2	.0									554	554	133	24
62/ 61	.0	.8	1.8	1.7	1.5	1.0	.2	.0										502	502	268	50
60/ 59	.5	2.2	3.1	2.3	2.2	.8	.3	.1										804	804	469	239
58/ 57	.3	3.2	1.9	2.1	1.0	.4	.0											530	530	658	265
56/ 55	1.5	5.2	2.7	1.6	.7	.4												847	847	876	538
54/ 53	1.0	5.6	2.0	1.2	.3	.0												707	707	1087	742
52/ 51	1.5	4.7	2.2	.6	.3	.0												551	552	1088	999
50/ 49	.8	3.2	1.4	.3	.0													404	404	792	813
48/ 47	.8	3.6	.7	.2	.0													368	368	617	810
46/ 45	.7	3.0	.2	.1														280	280	445	1020
44/ 43	.1	1.0	.1															83	83	205	466
42/ 41	.1	.6	.2															57	57	78	487
40/ 39	.1	.1	.0															16	16	40	142
38/ 37	.0	.1																9	9	21	127
36/ 35		.0																2	2	8	56
34/ 33																				2	38
32/ 31																					18
30/ 29																					3
28/ 27																					5
26/ 25																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
JUN — MONTH

PAGE 2
ALL — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	7.5	33.7	18.0	14.1	10.8	7.5	3.7	2.4	1.0	.5	.4	.3	.1	.0	.0			6956	6969	6956	6966

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	42208519	528735	75.9	17.266	6966							
Dry Bulb	23450704	400524	57.5	7.871	6969			83.5	37.2	7.5		720
Wet Bulb	19704612	368612	52.9	5.348	6966			5.7				720
Dew Point	17021572	342106	49.1	5.626	6966		3.0					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
JUL — MONTH

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew Point
72/ 59			.1		.1			.1										3	3		
68/ 57				.4	.1	.1	.4	.1										11	11		
66/ 55			.6	.3	.2	.2												12	12	1	
64/ 53	.2	1.1	1.0	.9	.4													33	33	5	2
62/ 61	.3	3.6	1.6	.3	.2													54	54	32	10
60/ 59	2.2	7.9	2.3	.6	.3	.1												121	121	70	61
58/ 57	1.2	9.0	3.6	.4	.2													130	130	115	72
56/ 55	1.5	13.7	3.1	.3														167	167	143	113
54/ 53	1.2	10.2	3.7	.9														143	143	182	151
52/ 51	2.0	6.8	3.0															106	106	143	161
50/ 49	.6	5.2	.9															60	60	93	106
48/ 47	.7	4.2	.1															45	45	75	98
46/ 45	.2	1.0																11	11	35	50
44/ 43																				2	36
42/ 41																					6
TOTAL	10.2	62.8	20.0	4.2	1.7	.4	.4	.2											896		896
																		896		896	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	6985001	78583	87.8	9.178	896
Dry Bulb	2785329	49801	55.6	4.399	896
Wet Bulb	2586500	48004	53.6	4.045	896
Dew Point	2435299	46547	51.9	4.383	896

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			1.5				93
Wet Bulb							93
Dew Point							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
JUL — MONTH

PAGE 1 — HOURS (LST) 0300-0500

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
70/69							.1	.1										2	2		
68/67				.1														1	1		
66/65			.2															2	2		
64/63	.1	.8	.1	.4	.2													15	15	3	2
62/61	.3	2.4	.8	.6	.6	.1												43	43	18	8
60/59	1.3	7.2	.8	.7	.2													92	92	40	46
58/57	.9	8.5	1.1	.3	.1													99	99	81	42
56/55	3.9	11.1	1.3	.3	.1													151	152	129	130
54/53	2.2	10.3	1.4	.1														124	124	156	113
52/51	3.2	11.5	2.1															152	152	151	140
50/49	1.3	6.4	1.3															82	82	124	140
48/47	1.4	5.8	.4															69	69	86	95
46/45	1.3	6.3																66	66	70	114
44/43	.1	.2																3	3	23	51
42/41	.1																	1	1	1	21
TOTAL	15.3	70.3	9.5	2.5	1.2	.1	.1	.1											903		902
																		902		902	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	< 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7476647	81815	90.7	7.863	902							
Dry Bulb	2621861	48489	53.7	4.481	903			.3				.3
Wet Bulb	2474962	47094	52.2	4.234	902							
Dew Point	2366016	46024	51.0	4.428	902							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
JUL — MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
747/73					.1													1	1		
727/71					.1		.3											4	4		
707/69			.1		.3													4	4		
687/67			.1	.1	.2	.5	.1											9	9		
667/65			.6	.2	.5													12	12	2	
647/63		1.3	1.5	1.7	.5	.1												44	44	8	2
627/61	.3	4.1	3.3	1.0	.7	.2												85	86	32	10
607/59	1.7	9.8	5.8	3.1	.7	.1		.1										187	188	76	67
587/57	1.1	8.9	4.6	1.8	.3													147	147	145	80
567/55	2.0	9.3	4.7	1.1	.2													153	153	153	140
547/53	1.4	7.7	3.1	.6														112	112	183	128
527/51	1.6	5.2	1.8															76	76	152	154
507/49	.2	1.9	.6															24	24	73	110
487/47	.3	1.5																16	16	41	91
467/45	.2	.2																4	4	11	71
447/43	.1																	1	1	1	18
427/41																					7
307/29																					1
TOTAL	9.1	49.9	26.1	9.7	3.8		.5	.1										879	881	879	879

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	6441493	74571	84.9	10.575	879							
Dry Bulb	2874513	50187	57.0	4.205	881			1.9	.1			93
Wet Bulb	2612824	47812	54.4	3.721	879							93
Dew Point	2423121	46001	52.3	4.233	879		.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
377400	BOSCOMBE DOWN UK	73-82	JUL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83										.2	.1							3	3		
82/ 81								.1	.2	.3	.1							7	7		
80/ 79								.1		.1								2	2		
78/ 77							.4	.7	.1	.1								12	12		
76/ 75						.3	.4	.2										9	9		
74/ 73				.1	.4	.6	1.0	.1										20	20		
72/ 71					.4	.3	.9	.1										15	15		
70/ 69			.3	.8	2.4	1.9	.3	.1										53	53		
68/ 67			.9	1.0	2.1	1.3	.8	.4										59	59	4	
66/ 65		.1	2.0	3.7	2.1	1.3	.7	.1			.1							91	91	23	
64/ 63	.3	1.9	3.9	8.2	3.9	2.4				.1								187	187	56	11
62/ 61	.2	3.9	3.9	4.7	3.4	1.6			.1									160	160	117	25
60/ 59	.5	2.8	5.0	4.1	3.8	.6												151	151	152	104
58/ 57	.9	2.1	2.1	2.7	.2													72	72	161	105
56/ 55	.1	2.0	1.7	.9	.4													46	46	158	126
54/ 53		.6	.6	.1														11	11	119	112
52/ 51			.1															1	1	81	124
50/ 49																				21	87
48/ 47																				6	89
46/ 45																				1	70
44/ 43																					25
42/ 41																					15
40/ 39																					3
38/ 29																					1
24/ 23																					2
TOTAL	2.1	13.3	20.5	26.3	19.4	10.3	4.4	2.0	.4	.9	.3								899		899
																		899		899	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4605419	63121	70.2	13.901	899							
Dry Bulb	3609227	56765	63.1	5.271	899			18.6	5.5	1.2		93
Wet Bulb	2964899	51509	57.3	3.898	899			.4				93
Dew Point	2525586	47428	52.8	5.111	899		.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
JUL — MONTH

 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91														.1				1	1		
90/ 89													.1					1	1		
88/ 87											.3	.6						8	8		
86/ 85											.3	.1	.1					5	5		
84/ 83										.3		.1						4	4		
82/ 81									.3	.2	.2							7	7		
80/ 79								.6	.3	.1								9	9		
78/ 77						.2	1.0	1.2	1.0	.1								31	31		
76/ 75					.1	.9	1.0	1.0	.2									29	29		
74/ 73				.3	.7	1.2	1.8	1.3	.6									51	52		
72/ 71				.2	.9	1.7	3.1	1.0	.1	.1								63	63		
70/ 69			.6	1.4	2.5	2.9	1.8	.9	.2									91	91		
68/ 67		.1	.2	1.6	3.2	3.2	1.2	.3	.1	.1								88	88	12	
66/ 65		.7	2.0	3.5	4.3	2.1	2.3	.1										129	129	56	
64/ 63		.9	.7	4.8	4.4	4.1	1.4	.1										143	143	94	21
62/ 61		1.4	1.4	2.2	1.8	1.7	.3											77	77	120	23
60/ 59	.7	2.5	2.4	2.4	2.0	.3												90	90	155	84
58/ 57	.1	.9	.5	.9														21	21	153	80
56/ 55	.2	.8	.7	.6														20	20	124	126
54/ 53																				3	108
52/ 51		.1																1	1	46	126
50/ 49																				7	67
48/ 47																					71
46/ 45																					82
44/ 43																					32
42/ 41																					24
40/ 39																					2
38/ 37																					2
36/ 35																					1
TOTAL	1.0	7.5	8.4	18.0	20.0	18.4	14.0	6.6	3.0	1.0	.9	.8	.2	.1				859	870	659	869

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	3507362	53642	61.7	5.032	869							
Dry Bulb	3915607	58113	66.8	6.242	870			41.6	15.7	3.4		93
Wet Bulb	2997681	50923	58.6	3.961	869			1.3				93
Dew Point	2412957	45569	52.4	5.191	869							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
JUL — MONTH

PAGE 1 1500-1700

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
100/ 91														.1				1	1		
92/ 89													.2	.2				4	4		
88/ 87											.2	.7						8	8		
86/ 85											.1	.1		.1				3	3		
84/ 83										.2	.2							4	4		
82/ 81								.1		.1	.1							3	3		
80/ 79							.1	.3	.9									12	12		
78/ 77						.1	1.1	2.2	.5	.3								39	39		
76/ 75						.8	1.9	2.2	.3	.2								48	48		
74/ 73				.1	.2	1.0	3.6	1.1	.2	.1								57	58		
72/ 71				.4	1.6	1.1	3.7	1.3	.7	.1								80	80		
70/ 69			.4	1.8	2.6	3.5	1.4	.8										94	94		
68/ 67			.4	.8	2.4	3.1	1.2	.2										74	75	10	
66/ 65		.3	.9	3.6	3.2	2.4	1.6	.8										115	115	49	1
64/ 63	.2	.4	1.0	5.5	5.2	3.9	1.4	.2										161	161	103	12
62/ 61		1.3	1.3	2.4	1.9	1.1	.4											77	77	145	17
60/ 59	.5	2.2	2.1	2.0	1.6	.1												77	78	154	70
58/ 57	.3	1.3	.2	.6														26	26	159	88
56/ 55	.3	.2	.6	.2														12	12	135	159
54/ 53	.1	.2																3	3	88	130
52/ 51																				39	119
50/ 49																				6	92
48/ 47																					77
46/ 45																					68
44/ 43																					28
42/ 41																					30
40/ 39																					4
38/ 37																					2
36/ 35																					1
TOTAL	1.5	6.6	7.0	17.4	18.7	17.1	16.4	9.4	2.7	1.1	.7	.8	.2	.4					901		898
																		898		898	

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	3513823	54507	60.7	15.130	898
Dry Bulb	4110070	60586	67.2	6.332	901
Wet Bulb	3110909	52745	58.7	3.789	898
Dew Point	2483639	47017	52.4	4.947	898

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			44.3	18.6	3.0		93
Wet Bulb			1.0				93
Dew Point							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
JUL — MONTH

 1800-2300 — HOUR

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
87/ 87														.1					1	1			
84/ 83											.3	.1							4	4			
81/ 81											.1								1	1			
79/ 79										.1	.1								2	2			
77/ 77						.1	.9	.8	.1	.1									18	18			
76/ 75						.2	.9	.3											13	13			
74/ 73					.1	.8	1.0	.7	.1										24	24			
72/ 71				.1	.8	1.5	1.5	.3											37	37			
70/ 69			.8	1.0	1.2	2.5	.9	.3	.1										61	61			
68/ 67			.2	1.2	3.3	1.6	.9	.2											66	66	3		
66/ 65		.5	1.2	3.6	3.2	1.4	.6	.1											93	93	21		
64/ 63	.1	1.8	2.9	8.0	2.8	2.1	.6												163	163	62		7
62/ 61		1.1	3.3	4.1	1.8	1.2	.3												135	135	138		24
60/ 59	.5	4.2	6.0	5.2	1.9	.3													160	160	148		72
58/ 57	.3	2.5	3.3	2.9	.5														80	80	196		106
56/ 55	.2	1.9	1.8	.8															42	42	132		141
54/ 53		.3	.9																11	11	118		137
52/ 51		.5																	4	4	74		124
50/ 49																					23		89
48/ 47																							98
46/ 45																							51
44/ 43																							18
42/ 41																							15
40/ 39																							3
TOTAL	1.1	12.3	20.5	27.0	15.5	11.8	7.6	2.8	.3	.2	.5	.1		.1						885			885
																			885		885		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4414104	61306	69.3	13.757	885							
Dry Bulb	3604412	56258	63.6	5.646	885			23.9	6.6	.8		93
Wet Bulb	2931383	50825	57.4	3.766	885			.3				93
Dew Point	2482042	46598	52.8	4.509	885							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
JUL — MONTH

PAGE 1 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77									.1									1	1		
76/ 75								.2										2	2		
74/ 73						.2	.1											3	3		
72/ 71					.2	.1		.1										4	4		
70/ 69				.1	.5	.4	.1											11	11		
68/ 67			.3	.6	.7	.2	.1	.1										18	18		
66/ 65		.2	1.2	1.3	.5	.4	.1											35	35	1	
64/ 63		2.1	1.7	3.0	.5	.1	.1											68	68	22	4
62/ 61	.5	2.9	4.0	1.8	.7	.1												90	90	50	21
60/ 59	1.3	11.3	6.5	2.6	.8	.1												202	202	93	70
58/ 57	.8	8.1	4.0	1.6	.6													134	134	176	92
56/ 55	.2	7.8	5.8	1.1														134	134	149	142
54/ 53	.2	5.5	3.9	.8														93	93	136	131
52/ 51	.4	4.6	2.1	.1														65	65	146	127
50/ 49	.2	2.0	.6	.1														26	26	81	112
48/ 47		.7		.1														7	7	32	107
46/ 45																				6	61
44/ 43																				1	16
42/ 41																					8
40/ 39																					1
38/ 37																					1
TOTAL	3.8	45.2	30.2	13.2	4.6	1.8	.5	.4	.1									893	893	893	893

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	6168334	73504	82.4	10.675	893
Dry Bulb	3029653	51849	58.1	4.642	893
Wet Bulb	2714192	49108	55.0	3.910	893
Dew Point	2483668	46936	52.6	4.329	893

Mean No. of Hours with Temperature	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			4.1	.6			93
Wet Bulb							93
Dew Point							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION: BOSCOMBE DOWN UK — YEARS: 73-82 — MONTH: JUL

PAGE 1 — ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91														.0				2	2		
90/ 89													.0	.0				5	5		
88/ 87											.1	.2		.0				17	17		
86/ 85											.1	.0	.0	.0				8	8		
84/ 83										.1	.1	.0						15	15		
82/ 81								.0	.1	.1	.1							18	18		
80/ 79							.0	.1	.2	.0	.0							25	25		
78/ 77						.1	.4	.6	.2	.1								101	101		
76/ 75					.0	.3	.5	.5	.1	.0								101	101		
74/ 73				.1	.2	.5	.9	.4	.1	.0								156	158		
72/ 71				.1	.5	.6	1.2	.4	.1	.0								203	203		
70/ 69			.3	.6	1.2	1.4	.6	.3	.0									319	319		
68/ 67		.0	.3	.7	1.5	1.2	.6	.2	.0	.0								326	327	29	
66/ 65		.2	1.1	2.0	1.8	1.0	.6	.1			.0							489	489	153	1
64/ 63	.1	1.3	1.6	4.1	2.2	1.6	.4	.0		.0								814	814	353	61
62/ 61	.2	2.6	2.4	2.1	1.4	.8	.1		.0									591	692	622	138
60/ 59	1.1	6.0	3.9	2.6	1.4	.2		.0										1080	1082	890	574
58/ 57	.7	5.2	2.4	1.4	.2													709	709	1206	665
56/ 55	1.1	5.9	2.5	.7	.1													725	726	1123	1077
54/ 53	.6	4.3	1.7	.3														497	497	1082	1010
52/ 51	.9	3.6	1.2	.0														405	405	844	1075
50/ 49	.3	2.0	.4	.0														192	192	428	823
48/ 47	.3	1.5	.1	.0														137	137	240	726
46/ 45	.2	1.0																81	81	123	597
44/ 43	.0	.0																4	4	27	224
42/ 41	.0																	1	1	1	126
40/ 39																					13
38/ 37																					5
36/ 35																					1
34/ 33																					1
30/ 29																					2
24/ 23																					2
TOTAL	5.6	33.6	17.8	14.8	13.6	7.6	5.5	2.7	.8	.4	.3	.2	.1	.1				7128		7121	
																		7121		7121	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	43112183	541349	76.0	16.583	7121							
Dry Bulb	26550672	432048	60.6	7.137	7128			135.6	47.0	8.5		744
Wet Bulb	22393350	398020	55.9	4.536	7121			3.0				744
Dew Point	19612328	372220	52.3	4.682	7121		.4					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

337460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
AUG — MONTH

PAGE 1 — 0000-0200 HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
78/ 77						.1												1	1		
70/ 69			.1					.1										2	2		
68/ 67		.1	.1	.2		.3		.2										9	9	1	
66/ 65		.7	.2	.3	.1	.3												15	15	4	1
64/ 63		2.1	1.3	.3	.5													36	36	9	6
62/ 61	.8	4.2	1.8	.6	.8													72	72	37	26
60/ 59	2.7	10.4	3.4	2.3	.3													168	168	90	76
58/ 57	2.7	8.0	2.7	.5	.1													123	123	140	91
56/ 55	4.0	9.4	1.8	.3	.1													137	137	157	134
54/ 53	2.2	8.8	2.2	.2														117	117	166	137
52/ 51	2.3	6.4	1.1															86	87	98	126
50/ 49	.7	5.0	.6															55	55	79	132
48/ 47	.1	4.0	.1															37	37	60	78
46/ 45	.1	1.6	.1															16	16	25	66
44/ 43		.2																2	2	7	21
42/ 41																				1	13
40/ 39																					2
TOTAL	15.5	60.8	15.6	4.8	1.9	.8		.3										876	877	876	876

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	6995997	77827	88.8	9.655	876
Dry Bulb	2779903	49211	56.1	4.599	877
Wet Bulb	2594064	47524	54.3	4.254	876
Dew Point	2458398	46228	52.8	4.644	876

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			1.3	.1			93
Wet Bulb			.1				93
Dew Point							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
AUG — MONTH

PAGE 1 — 0300-0500 HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
68/ 67			.1						.1									2	2		
66/ 65		.2	.2	.1														5	5	2	
64/ 63	.2	.8	.2	.2														13	13	5	4
62/ 61	.7	4.1	.6	.1		.1												50	50	23	16
60/ 59	4.3	6.8	2.5	.9		.1												132	132	88	87
58/ 57	2.9	7.9	1.6	.8	.2													120	120	85	63
56/ 55	6.1	9.2	1.6	.2														154	154	147	138
54/ 53	3.5	9.0	.6	.3														121	121	178	116
52/ 51	3.1	7.5	.4															100	100	109	135
50/ 49	1.9	5.3	.6															70	70	111	84
48/ 47	3.5	4.1	.2															71	71	78	129
46/ 45	1.4	4.5																54	54	54	77
44/ 43	.1	1.0																10	10	21	33
42/ 41		.1																1	1	5	16
40/ 39																					5
TOTAL	27.8	60.5	8.5	2.7	.2	.2			.1										903		903
																		903		903	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	7716395	83185	92.1	7.690	903
Dry Bulb	2675657	48977	54.2	4.618	903
Wet Bulb	2553074	47844	53.0	4.484	903
Dew Point	2459912	46936	52.0	4.742	903

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			.2				93
Wet Bulb							93
Dew Point							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
AUG — MONTH

PAGE 1 0600-0800 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
74/ 73						.1												1	1		
72/ 71				.1														1	1		
70/ 69				.3														3	3		
68/ 67						.1		.1										2	2		
66/ 65		.1	.3	.2	.1													7	7	2	
64/ 63	.5	2.4	.2	.5	.7	.1												38	38	13	9
62/ 61	1.3	4.2	2.3	.8	.2													77	77	42	19
60/ 59	3.4	10.1	5.6	1.6	.2													184	184	76	84
58/ 57	3.0	9.0	3.2	1.1														143	143	134	89
56/ 55	4.3	9.0	3.2	.3	.1													149	149	174	139
54/ 53	2.1	6.9	1.7															94	94	164	133
52/ 51	2.8	5.9	.6	.1														83	83	126	146
50/ 49	.8	3.0	.5															37	37	74	100
48/ 47	1.5	2.7	.1															38	38	37	87
46/ 45	.8	1.1																17	17	25	47
44/ 43	.1	.2																3	3	9	17
42/ 41		.1																1	1	1	6
40/ 39																				1	1
38/ 37																					1
TOTAL	20.5	54.9	17.7	5.1	1.4	.3		.1											878		878
																		878		878	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7071898	78384	89.3	9.193	878							
Dry Bulb	2782221	49271	56.1	4.437	878			.7	.1			93
Wet Bulb	2607146	47710	54.3	4.082	878							93
Dew Point	2476194	46472	52.9	4.332	878							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037860 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
AUG — MONTH

PAGE 1 — 0900-1100 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
84/ 83								.1	.1									2	2		
82/ 81									.1									1	1		
80/ 79								.2	.1		.1	.1						5	5		
78/ 77						.1	.2	.4	.1	.4	.2							14	14		
76/ 75						.8	.3	.2		.3								15	15		
74/ 73				.3	.1	.3	.2	.4	.2	.3								18	18		
72/ 71				.2	.7	.8	.9	.4	.1		.1							29	29		
70/ 69		.1	.4	1.0	1.0	1.1	.7	.3										42	42	1	
68/ 67		.1	.3	1.1	2.2	1.9	.3	.1										55	55	9	
66/ 65	.1	.8	1.6	3.2	2.0	1.7	.2											86	86	24	3
64/ 63	.3	3.5	2.8	8.1	5.5	2.7	.1	.1										207	207	49	20
62/ 61	.4	4.0	4.7	4.0	2.8	.8												150	150	102	28
60/ 59	1.0	5.2	6.0	3.8	2.3	.2												167	167	163	110
58/ 57	.4	3.3	1.9	1.3	.2													65	66	209	98
56/ 55	.2	1.6	1.3	.3														31	31	185	133
54/ 53		.7	.1															7	7	92	131
52/ 51		.3	.1															4	4	57	129
50/ 49																				6	82
48/ 47																				1	87
46/ 45																					44
44/ 43																					20
42/ 41																					9
40/ 39																					3
34/ 33																					1
TOTAL	2.6	19.6	19.3	23.5	16.8	10.4	3.0	2.4	.8	1.1	.4	.1						898	899	898	898

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4830352	64470	71.8	15.002	898							
Dry Bulb	3621432	56872	63.3	5.130	899			18.7	5.7	.7		93
Wet Bulb	3001027	51817	57.7	3.509	898			1.0				93
Dew Point	2581492	47956	53.4	4.780	898							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
AUG — MONTH

PAGE 1 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
88/ 87										.2	.2							4	4		
86/ 85											.3	.1	.1					5	5		
84/ 83								.1	.1		.1		.2					5	5		
82/ 81								.3	.6	.4		.3	.2					17	17		
80/ 79							.1	.3	.6		.1	.1	.1					12	12		
78/ 77						.8	.6	1.0	1.1	.7	1.0	.4						50	50		
76/ 75					.2	.4	1.0	1.2	.4	.3								33	33		
74/ 73				.7	.4	.7	2.2	.7	.4	.1								47	47		
72/ 71			.3	.4	1.3	1.1	1.7	.6	.1									50	50		
70/ 69			.7	1.1	2.5	3.3	1.7	1.0	.1									92	92	3	
68/ 67			.9	1.1	3.0	3.7	1.7	.4										97	97	32	
66/ 65		.1	1.1	1.8	5.5	3.6	1.7	.2										125	125	38	4
64/ 63	.3	1.8	2.5	5.9	4.3	5.3	1.0											188	188	82	23
62/ 61	.3	2.0	1.3	1.0	2.5	.9												72	72	138	33
60/ 59	.7	2.0	2.1	1.3	.8	.1												63	63	160	90
58/ 57		1.3	.7															18	18	187	81
56/ 55	.2	.8	.1															10	10	146	104
54/ 53		.2																2	2	92	132
52/ 51	.1	.1																2	2	13	133
50/ 49																				1	68
48/ 47																					84
46/ 45																					76
44/ 43																					33
42/ 41																					23
40/ 39																					2
38/ 37																					5
36/ 35																					1
TOTAL	1.7	8.4	9.8	13.5	20.5	19.8	11.7	5.9	3.5	1.8	1.8	1.0	.7					892	892	892	892

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3615978	54908	61.6	16.277	892							
Dry Bulb	4072399	60021	67.3	6.150	892			43.0	18.0	3.9		93
Wet Bulb	3111000	52574	58.9	3.718	892			3.6				93
Dew Point	2498729	46967	52.7	5.376	892							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
AUG — MONTH

PAGE 1 — 1500-1700 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87											.2	.3						5	5		
86/ 85											.1		.3					4	4		
84/ 83								.1	.1		.1		.1					4	4		
82/ 81								.1	.6	.3		.1	.2					12	12		
80/ 79						.2	.2	.6	.2		.2	.5	.1					19	19		
78/ 77					.1	.5	.9	2.3	1.2	1.2	1.1	.3	.2					70	70		
76/ 75					.3	.5	1.2	.9	.7	.3								35	35		
74/ 73				.5	.2	.9	1.8	1.2	.2									43	43		
72/ 71			.1	.5	2.3	1.0	1.9	1.2	.6									67	67	1	
70/ 69		.1	.8	.8	1.7	3.0	1.5	.9										78	78	6	
68/ 67		.1	.3	1.2	2.0	3.4	3.2	.2	.1									94	94	21	1
66/ 65		.2	1.0	1.9	3.7	3.3	1.2	.1										102	102	43	3
64/ 63	.3	2.4	2.3	5.9	2.7	2.9	.7											152	152	96	23
62/ 61	.3	2.5	2.7	2.5	2.1	.9												98	98	127	34
60/ 59	.2	2.3	2.6	2.1	.3	.1												68	68	161	91
58/ 57		1.0	.6															14	14	212	82
56/ 55		1.8	.1															17	17	120	108
54/ 53		.3																3	3	89	118
52/ 51		.1																1	1	9	143
50/ 49																				1	75
48/ 47																					73
46/ 45																					72
44/ 43																					28
42/ 41																					24
40/ 39																					5
38/ 37																					3
34/ 33																					1
32/ 31																					1
TOTAL	.9	10.8	10.5	15.3	15.6	16.7	12.6	7.7	3.7	1.9	1.8	1.4	1.0					886	886	886	886

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3532096	54536	61.7	17.236	886							
Dry Bulb	4068831	59769	67.5	6.453	886			45.2	23.2	3.7		93
Wet Bulb	3101845	52323	59.1	3.666	886			2.9				93
Dew Point	2487695	46701	52.7	5.429	886		.1	.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
AUG — MONTH

PAGE 1 — 1600-2000 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
84/ 83										.1			.1					2	2		
82/ 81								.1		.1		.1						3	3		
80/ 79						.1	.1	.1	.2				.1					6	6		
78/ 77						.1	.7	.3	.1	.1	.5	.3						19	19		
76/ 75					.1	.3	.2	.3	.2	.3	.1							15	15		
74/ 73			.1	.5	.2	.9	.2	.8	.3	.6								32	32		
72/ 71				.5	1.7	.5	.6	.3	.5									35	35		
70/ 69			.6	.3	1.4	1.4	.5	.5		.1								41	41	3	
68/ 67		.1	.8	1.2	1.5	1.1	.7	.2										50	50	7	1
66/ 65		.6	2.3	1.9	1.9	1.4	.5	.1										77	77	33	2
64/ 63		2.4	4.1	6.5	4.3	.6	.5											161	161	57	20
62/ 61	.5	3.2	4.4	2.3	1.7	.9	.1											115	115	87	32
60/ 59	.7	6.5	6.9	4.3	.9	.1												171	171	145	112
58/ 57		3.5	2.7	1.4	.1													68	68	185	93
56/ 55	.5	3.2	2.2	.6														56	56	184	134
54/ 53	.3	1.1	.5	.3														20	20	136	112
52/ 51		.6	.3															8	8	55	138
50/ 49		.1	.1															2	2	14	79
48/ 47																				4	68
46/ 45																				1	35
44/ 43																					31
42/ 41																					16
40/ 39																					3
38/ 37																					2
36/ 35																					2
34/ 31																					1
TOTAL	1.9	21.2	25.0	19.8	13.3	7.4	4.1	2.8	1.4	1.4	.5	.5	.2					881	881		881
																		881		881	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4839246	63760	72.4	15.983	881							
Dry Bulb	3540150	55604	63.1	5.909	881			21.4	8.1	1.2		93
Wet Bulb	2933791	50727	57.6	3.842	881			1.1				93
Dew Point	25 7853	46977	53.3	5.104	881		.1	.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
AUG — MONTH

 2100-2300 — HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																					
75/ 77							.2											2	2			
76/ 75						.1		.1										2	2			
74/ 73						.2		.2		.1								5	5			
72/ 71			.1		.2		.1		.2									6	6			
70/ 69			.2	.2	.1		.1	.3										9	9			
68/ 67			.6	.1	.4	.3	.2											15	15	2		
66/ 65		.4	1.0	.7	.2	.6	.6											31	31	6	2	
64/ 63		3.3	2.0	1.5	.7	1.0												75	75	22	8	
62/ 61	.2	5.2	2.6	1.5	.9	.1												93	93	54	26	
60/ 59	2.7	11.4	6.5	2.4	1.1	.4												219	219	116	109	
58/ 57	1.0	10.1	3.7	.4	.2													138	138	149	93	
56/ 55	1.9	8.4	2.8	1.0	.1													127	127	190	149	
54/ 53	.9	4.8	2.4	.4														76	76	155	115	
52/ 51	.8	4.5	1.3															59	60	96	136	
50/ 49	.1	1.8	1.1															27	27	64	89	
48/ 47		.9																8	8	34	68	
46/ 45																				4	70	
44/ 43																					18	
42/ 41																					9	
TOTAL	7.6	50.8	24.3	8.2	4.0	2.8	1.2	.7	.2	.1									893		892	
																		892		892		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	6428944	74048	84.0	12.155	892							
Dry Bulb	3050123	52023	58.3	4.669	893			4.1	.9			93
Wet Bulb	2753491	49437	55.4	3.901	892			.2				93
Dew Point	2542606	47450	53.2	4.557	892							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
AUG — MONTH
PAGE 1
ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87										.0	.1	.0						9	9		
86/ 85											.1	.0	.1					9	9		
84/ 83								.0	.0	.0	.0		.1					13	13		
82/ 81								.1	.2	.1		.1	.1					33	33		
80/ 79						.0	.1	.2	.1		.1	.1	.0					42	42		
78/ 77					.0	.2	.3	.5	.3	.3	.4	.1	.0					156	156		
76/ 75					.1	.3	.4	.4	.2	.2	.0							100	100		
74/ 73			.0	.2	.1	.4	.5	.4	.2	.1								146	146		
72/ 71			.1	.2	.8	.4	.5	.3	.2		.0							188	188	1	
70/ 69		.0	.4	.5	.8	1.1	.5	.4	.0	.0								267	267	13	
68/ 67		.1	.4	.6	1.2	1.4	.8	.2	.0									324	324	72	2
66/ 65	.0	.4	1.0	1.3	1.7	1.4	.5	.1										448	448	152	15
64/ 63	.2	2.3	1.9	3.6	2.3	1.6	.3	.0										870	870	333	113
62/ 61	.6	3.7	2.5	1.6	1.4	.5	.0											727	727	607	214
60/ 59	2.0	6.8	4.5	2.3	.8	.1												1172	1172	999	759
58/ 57	1.3	5.5	2.1	.7	.1													689	690	1301	690
56/ 55	2.2	5.4	1.6	.4	.0													581	581	1303	1039
54/ 53	1.1	4.0	.9	.2														440	440	1044	994
52/ 51	1.1	3.2	.5	.0														343	345	563	1086
50/ 49	.4	1.9	.4															191	191	350	679
48/ 47	.5	1.5	.1															154	154	214	574
46/ 45	.3	.9	.0															87	87	109	487
44/ 43	.0	.2																15	15	37	201
42/ 41		.0																2	2	7	113
40/ 39																				1	22
38/ 37																					11
36/ 35																					3
34/ 33																					2
32/ 31																					2
TOTAL	9.8	35.9	16.3	11.6	9.3	7.3	4.1	2.5	1.2	.8	.6	.4	.2						7109		7106
																		7106		7106	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	45130906	552118	77.7	17.727	7106
Dry Bulb	26590716	431748	60.7	7.210	7109
Wet Bulb	22655438	399956	56.3	4.505	7106
Dew Point	20032879	375687	52.9	4.901	7106

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			134.7	53.2	9.4		744
Wet Bulb			9.0				744
Dew Point		.2	.2				744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
03743	BOSCOMBE DOWN UK	73-82	SEP

PAGE 1 0000-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
65/ 65		.1																1	1			
64/ 63	.2	.9	.1															11	11	3	3	
63/ 61	.1	2.6	.7															30	30	15	7	
62/ 59	2.5	5.4	1.1	.2	.1													83	83	51	43	
61/ 57	1.7	5.1	1.2	.5														75	76	78	47	
60/ 55	4.3	8.7	1.2	.1														127	127	94	103	
59/ 53	2.3	9.5	1.9															116	118	134	102	
58/ 51	2.9	8.5	1.8															117	117	115	115	
57/ 49	1.7	8.8	1.2	.1														105	105	115	104	
56/ 47	2.6	5.3	1.2															83	83	100	114	
55/ 45	1.8	8.3	.2															89	89	94	104	
54/ 43	.2	2.7																26	26	52	48	
53/ 41	.6	.5																9	9	17	55	
52/ 39	.1	.3																4	4	5	9	
51/ 37	.1	.1																2	2	4	8	
36/ 35		.2																2	2	2	2	
34/ 33																				1	2	
32/ 31																					1	
TOTAL	21.2	67.0	12.5	.9	.1														883			882
																		882		682		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥90 F	Total
Rel. Hum.	7438364	80784	91.6	5.671	882							
Dry Bulb	2453579	46329	52.5	5.085	883							90
Wet Bulb	2333083	45139	51.2	5.105	882							90
Dew Point	2240922	44200	50.1	5.423	882		.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2774 0 — STATION; BOSCOMBE DOWN UK — STATION NAME; 73-02 — YEARS; SEP — MONTH

PAGE 1 — 0300-0500 — HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63	.1	.5																5	5	1	1
62/ 61	.1	1.5																14	14	6	4
60/ 59	7.3	5.0	1.1															83	83	50	49
58/ 57	2.2	5.0	.5	.1														68	68	60	55
56/ 55	5.6	7.0	.7	.5														121	121	99	92
54/ 53	1.2	5.9	.8	.2														72	72	94	70
52/ 51	4.7	6.6	2.0															117	117	108	97
50/ 49	2.2	6.7	1.0															105	105	118	82
48/ 47	4.2	6.5	.2															96	96	117	115
46/ 45	3.6	5.1	.3															79	79	90	144
44/ 43	2.4	5.3																68	68	57	54
42/ 41	1.0	3.1																36	36	51	72
40/ 39	.1	.7																7	7	14	26
38/ 37	.3	.3																6	6	9	12
36/ 35	.3	.1																4	4	6	5
34/ 33																				1	2
32/ 31																					1
TOTAL	31.2	61.3	6.7	.8														881	881	881	881

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	7691372	82134	93.2	6.204	881							
Dry Bulb	2333365	45055	51.1	5.458	881							90
Wet Bulb	2239541	44157	50.1	5.470	881							90
Dew Point	2167599	43411	49.3	5.694	881		.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
SEP — MONTH

PAGE 1 — 0600-0800 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
64/ 63		.8																7	7		
62/ 61	.2	2.2	.3															24	24	11	6
60/ 59	2.6	6.6	.8	.1	.1													89	89	49	49
58/ 57	2.5	7.9	1.6															105	105	78	61
56/ 55	3.7	5.4	2.3	.3														102	102	107	103
54/ 53	2.3	6.8	1.6															93	93	104	76
52/ 51	3.5	7.1	2.2	.2														113	113	107	97
50/ 49	2.6	5.5	1.4															83	83	119	96
48/ 47	3.7	5.3	.8															85	85	90	107
46/ 45	2.1	7.6	.2															86	86	83	104
44/ 43	1.6	2.8																38	38	65	61
42/ 41	1.2	2.6																33	33	35	78
40/ 39	.1	.3																4	4	11	17
38/ 37	.1	.1																2	2	4	8
36/ 35	.3	.1																4	4	5	3
34/ 33																					2
TOTAL	24.5	61.3	11.3	.7	.1														868		868
																		868		868	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7383838	79826	92.0	7.010	868							
Dry Bulb	2374539	45157	52.0	5.400	868							90
Wet Bulb	2264684	44092	50.8	5.363	868							90
Dew Point	2176811	43195	49.8	5.608	868							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
SEP — MONTH

PAGE 1 0900-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77						.1												1	1		
76/ 75							.1											1	1		
74/ 73					.2	.2	.1											5	5		
72/ 71					.2													2	2		
70/ 69			.1	.2	.1	.2	.1	.1										8	8		
68/ 67			.1	.5	.5	.5												13	13	1	
66/ 65		.1	1.0	.8	1.3	.6	.1											34	34	3	
64/ 63		2.2	2.7	4.8	2.2	.8	.1											112	112	13	3
62/ 61	.7	4.3	4.2	2.0	2.5	.3												124	124	52	19
60/ 59	1.0	6.6	6.3	5.5	2.2	.3												192	192	98	80
58/ 57	.8	6.0	3.3	2.8	.6	.1												120	121	153	64
56/ 55	1.0	5.2	2.6	1.7	.8	.2												102	102	153	133
54/ 53	.8	2.2	1.8	1.3	.5													57	57	156	123
52/ 51	.9	1.5	3.2	.9	.1													58	58	91	114
50/ 49		1.3	1.6	.2	.1													28	28	58	63
48/ 47	.1	1.3	.3															15	15	51	94
46/ 45		.2	.1															3	3	31	97
44/ 43		.5																4	4	7	37
42/ 41																				2	34
40/ 39																					13
38/ 37																					3
36/ 35																					2
TOTAL	5.3	31.3	27.4	20.7	11.1	3.4	.6	.1										879	880	879	879

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	5603218	69304	76.8	12.582	879
Dry Bulb	3022963	51399	58.4	4.871	880
Wet Bulb	2641781	48033	54.6	4.402	879
Dew Point	2362830	45332	51.6	5.332	879

Mean No. of Hours with Temperature	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			3.1	.7			90
Wet Bulb			.1				90
Dew Point							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
SEP — MONTH

PAGE 1 — 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
80/ 79							.3	.1	.1									5	5		
78/ 77						.2	.1	.6	.1									9	9		
76/ 75						.2	.3	.1	.1									7	7		
74/ 73				.2	.5	.3	.1	.3	.5									17	17		
72/ 71				.2	.5	.2	.9	.3	.2									21	21		
70/ 69				.2	.8	2.5	.8	.8										45	45		
68/ 67			.6	.7	3.0	1.5	1.5	.2										55	65	8	
66/ 65		.3	1.5	2.1	2.3	1.0	.7	.1										70	70	13	
64/ 63	.2	1.9	1.9	7.2	4.5	5.7	.5											192	192	37	11
62/ 61		1.5	3.4	1.9	3.5	.8	.2											100	100	71	27
60/ 59	.1	2.2	3.5	6.3	3.3	1.0	.5											148	148	120	55
58/ 57	.2	3.2	1.7	2.1	2.1	.5												85	85	140	57
56/ 55	.1	1.7	.7	1.7	1.4	.2												51	51	156	100
54/ 53		1.0	.5	1.4	.7													31	31	150	104
52/ 51	.2	.3	1.4	.1														18	18	71	114
50/ 49		.3	.2															5	5	52	66
48/ 47		.5	.2															6	5	46	69
46/ 45																				11	130
44/ 43																					62
42/ 41																					36
40/ 39																					16
38/ 37																					5
36/ 35																					3
TOTAL	.9	13.0	15.7	24.1	22.4	14.3	5.7	2.6	1.0										875		875
																		875		875	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4159121	59063	67.5	14.042	875							
Dry Bulb	3412370	54426	62.2	5.559	875			17.4	3.9	.3		90
Wet Bulb	2750303	48903	55.9	4.431	875			.8				90
Dew Point	2282943	44419	50.8	5.663	875							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
SEP — MONTH

PAGE 1 — 1500-1700 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
WET BULB TEMPERATURE DEPRESSION (F)																					
80/ 79							.2	.1		.1								4	4		
78/ 77							.7	.2	.3									11	11		
76/ 75					.1	.5	.3											8	8		
74/ 73					.1	.2	.2	.5	.2									11	11		
72/ 71					.3	.8		.7	.3									19	19		
70/ 69			.5	.5	1.0	2.0	1.1	.7	.5									55	55		
68/ 67			.3	.8	2.2	.9	1.3	.6										53	53	4	
66/ 65		.2	1.1	2.6	1.7	1.6	.7	.3										73	73	15	
64/ 63		1.9	2.2	5.6	3.2	3.8	.7	.1										153	153	34	8
62/ 61	.6	2.6	3.1	3.2	3.6	1.3												126	126	79	25
60/ 59	.2	1.3	4.6	5.2	2.6	1.3	.5											137	137	102	57
58/ 57	.8	1.6	2.0	2.6	2.2	.2												83	83	139	75
56/ 55	.1	1.5	.7	2.7	1.1	.1												55	55	145	88
54/ 53	.5	1.5	1.8	1.4	.5													49	49	144	82
52/ 51	.2	.9	1.4	.7														28	28	84	104
50/ 49		.1	.5															5	5	74	87
48/ 47		.8	.2															9	9	42	106
46/ 45																				17	105
44/ 43																					58
42/ 41																					63
40/ 39																					13
38/ 37																					5
36/ 35																					2
34/ 33																					1
TOTAL	2.4	12.4	18.3	25.3	18.7	12.6	5.7	3.2	1.4	.1									879		879
																		879		879	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4301542	60104	68.4	14.779	879							
Dry Bulb	3376646	54240	61.7	5.815	879			15.5	3.5	.1		93
Wet Bulb	2732852	48848	55.6	4.560	879			.4				93
Dew Point	2277104	44450	50.6	5.779	879							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
SEP — MONTH

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75							.1	.1										2	2		
74/ 73					.2	.1	.1											4	4		
72/ 71					.2		.1											3	3		
70/ 69				.1	.2	.1		.1										5	5		
68/ 67			.3	.1	.7		.1											11	11		
66/ 65		.2	.8	.7	.1	.6	.6	.1										27	27	5	
64/ 63	.2	1.9	1.8	2.2	.9	.5	.2											68	68	15	7
62/ 61	.1	4.9	3.2	1.6	1.4	.3												101	101	41	15
60/ 59	1.3	5.7	4.7	3.2	.9	.3												139	139	81	65
58/ 57	.6	5.5	5.1	3.5	.6	.3												137	137	98	65
56/ 55	.7	5.7	4.1	1.9	.3	.2												114	114	126	88
54/ 53	.9	4.2	3.4	1.4	.3													90	90	151	100
52/ 51	.7	3.6	3.2	.9														74	74	131	115
50/ 49	.1	3.0	2.7	.8														58	58	91	91
48/ 47	.2	1.5	.7	.1														22	22	70	113
46/ 45	.1	1.8	.2															19	19	48	95
44/ 43		.2																2	2	16	48
42/ 41		.2																2	2	3	56
40/ 39																					13
38/ 37																					7
TOTAL	4.7	38.5	30.3	16.5	5.9	2.5	1.3	.3										878	878	878	878

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5813040	70656	80.5	12.038	878							
Dry Bulb	2869983	49991	56.9	5.191	878			2.6	.6			90
Wet Bulb	2537810	47024	53.6	4.690	878							90
Dew Point	2286036	44542	50.7	5.483	878							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
SEP — MONTH

PAGE 1 — HOURS (LST) 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65		.3	.1	.1	.2													7	7		
64/ 63	.1	.8	.8	.2		.1												18	18	5	5
62/ 61	.8	3.0	1.0															42	42	19	11
60/ 59	1.7	7.6	2.4	1.0	.3													115	115	71	57
58/ 57	1.4	6.5	1.4	1.7														96	96	68	60
56/ 55	2.1	10.8	2.6	.7	.1													143	143	98	82
54/ 53	1.5	7.9	3.0	.6														113	113	152	100
52/ 51	1.3	7.2	2.4	.1														101	101	123	121
50/ 49	.5	5.9	2.1	.1														78	78	117	85
48/ 47	.9	6.9	1.5	.5														86	86	76	106
46/ 45	.2	5.5	.6															55	55	91	114
44/ 43	.6	.6	.2															12	12	40	60
42/ 41	.2	.8																9	9	12	57
40/ 39	.1	.2																3	3	4	10
38/ 37																				2	9
36/ 35																					1
TOTAL	12.2	64.0	18.0	5.0	.7	.1												878	878	878	878

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6915049	77567	88.3	8.434	878							90
Dry Bulb	2554862	47166	53.7	4.907	878							90
Wet Bulb	2385151	45559	51.9	4.907	878							90
Dew Point	2249420	44184	50.3	5.437	878							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
SEP — MONTH

PAGE 1

ALL — HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79							.1	.0	.0	.0									9	9		
78/ 77						.0	.1	.1	.1										21	21		
76/ 75					.0	.1	.1	.0	.0										18	18		
74/ 73				.0	.1	.1	.1	.1	.1										37	37		
72/ 71				.0	.2	.1	.1	.1	.1										45	45		
70/ 69			.1	.1	.3	.6	.3	.2	.1										113	113		
68/ 67			.2	.3	.8	.4	.4	.1											142	142	13	
66/ 65		.2	.6	.8	.7	.5	.3	.1											212	212	36	
64/ 63	.1	1.4	1.2	2.5	1.3	1.4	.2	.0											566	566	108	38
62/ 61	.3	2.8	2.0	1.1	1.4	.3	.0												561	561	294	114
60/ 59	1.6	5.0	3.1	2.7	1.2	.4	.1												986	986	622	460
58/ 57	1.3	5.1	2.1	1.7	.7	.1													769	771	814	484
56/ 55	2.2	5.8	1.9	1.2	.5	.1													815	815	980	769
54/ 53	1.2	4.9	1.8	.8	.2														523	523	1085	757
52/ 51	1.9	4.5	2.2	.4	.0														526	526	831	877
50/ 49	.9	4.2	1.3	.2	.0														467	467	745	674
48/ 47	1.5	3.5	.7	.1															402	402	602	844
46/ 45	1.0	3.5	.2																331	331	445	893
44/ 43	.6	1.5	.0																150	150	257	428
42/ 41	.4	.9																	89	89	120	461
40/ 39	.1	.2																	18	18	34	117
38/ 37	.1	.1																	10	10	19	57
36/ 35	.1	.1																	10	10	13	18
34/ 33																					2	7
32/ 31																						2
TOTAL	13.1	43.6	17.3	11.8	7.4	4.1	1.7	.8	.3	.0								7020		7022		7020

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	49305244	579438	82.5	14.510	7020
Dry Bulb	22395307	393763	56.1	6.696	7022
Wet Bulb	19885205	371755	53.0	5.316	7020
Dew Point	18343665	353733	50.4	5.590	7020

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			39.5	9.7	.4		720
Wet Bulb			1.3				720
Dew Point		.2					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
OCT — MONTH

PAGE 1 — 0000-0200 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63		.1																1	1		
62/ 61		.7		.1														7	7	3	1
60/ 59	.2	1.1	.1															13	13	9	10
58/ 57	.4	1.8	.1															22	22	15	9
56/ 55	1.7	4.8	.2															62	62	43	31
54/ 53	2.8	5.0	1.0															81	81	74	70
52/ 51	3.0	5.1	.5															80	80	79	73
50/ 49	3.2	6.9	1.2															103	103	95	78
48/ 47	3.9	7.3	.7															109	109	117	102
46/ 45	3.3	10.2	.7															130	130	100	126
44/ 43	3.0	6.2	.4															89	89	120	84
42/ 41	3.3	7.0	1.1	.1														105	106	92	134
40/ 39	1.5	3.3	.2															44	44	60	58
38/ 37	1.3	2.4																34	34	58	49
36/ 35	.5	2.4	.1															28	28	30	40
34/ 33	.5	.4																9	9	20	38
32/ 31	.1	.1																2	2	4	13
30/ 29																					2
28/ 27																					1
TOTAL	28.7	64.7	6.3	.2														919	920	919	919

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	7909182	85056	92.6	6.350	919							
Dry Bulb	2065750	43250	47.0	5.950	920		.2					93
Wet Bulb	1975743	42259	46.0	5.952	919		.4					93
Dew Point	1897100	41354	45.0	6.281	919		1.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
OCT — MONTH

PAGE 1 — 0300-0500 HOURS (LST)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63		.1																1	1		
62/ 61	.1	.4																5	5	2	2
60/ 59	.3	.3																6	6	10	10
58/ 57	.9	1.5	.2															24	24	9	9
56/ 55	1.6	3.9																51	51	28	24
54/ 53	3.7	3.4	.3															68	68	89	70
52/ 51	2.8	3.2	.4															59	59	55	57
50/ 49	2.3	3.8	1.2															67	67	62	46
48/ 47	7.2	7.0	.5															135	135	134	110
46/ 45	4.5	8.6	1.3															132	132	101	120
44/ 43	3.2	6.1	.7															91	91	109	82
42/ 41	3.9	8.2	.8															118	118	108	138
40/ 39	2.4	3.3	.2															54	54	65	61
38/ 37	2.7	2.1																44	44	62	55
36/ 35	.4	2.7																29	29	39	36
34/ 33	1.1	1.1																20	20	31	46
32/ 31	.4	.7																10	10	10	19
30/ 29	.2																	2	2	2	11
TOTAL	37.9	56.4	5.7																916		916
																		916		916	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	8359224	85720	93.6	6.400	916							
Dry Bulb	1969650	42398	46.0	6.175	916		1.2					93
Wet Bulb	1897443	41301	45.1	6.206	916		1.2					93
Dew Point	1830854	40512	44.2	6.539	916		3.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-62 — YEARS
OCT — MONTH

PAGE 1 0600-0800

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59	1.1	.7																16	16	10	10
58/ 57	.7	1.5	.1															21	21	12	11
56/ 55	2.8	3.8	.1															62	62	42	37
54/ 53	1.9	4.5	.5															63	63	72	51
52/ 51	2.3	3.2	.5															55	55	62	60
50/ 49	1.9	5.6	.9															76	76	65	48
48/ 47	8.4	4.7	.9															128	128	128	129
46/ 45	4.3	8.9	1.0															130	130	107	108
44/ 43	2.0	7.9	.8															97	97	100	69
42/ 41	3.6	8.5	.5	.1														117	117	113	149
40/ 39	1.6	2.7	.1															41	41	63	72
38/ 37	2.5	2.1																42	42	54	63
36/ 35	1.2	1.9																28	28	42	34
34/ 33	1.4	1.5																27	27	28	35
32/ 31	.7	.2																8	8	13	26
30/ 29	.4	.1																5	5	5	12
28/ 27	.1																	1	1	1	3
TOTAL	36.8	57.7	5.5	.1														917	917	917	917

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8032300	85518	93.4	6.471	917							
Dry Bulb	1977976	42194	46.0	6.312	917		1.4					93
Wet Bulb	1902831	41369	45.1	6.315	917		1.9					93
Dew Point	1833042	40548	44.2	6.615	917		4.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
OCT — MONTH

PAGE 1 0900-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
67/ 67					.1													1	1		
67/ 65				.1	.1													2	2		
67/ 63		.2	.3	.1														6	6		
67/ 61		.7	1.0	.1	.1													17	17	2	
67/ 59	.9	2.8	1.9	.8														57	57	24	16
67/ 57	.3	3.1	2.6	.8	.1	.1												63	63	34	20
67/ 55	1.1	4.0	2.6	2.0	.2													89	89	62	52
67/ 53	.9	4.7	2.3	2.2	.1													92	93	82	47
67/ 51	2.7	5.8	4.1	1.3	.3													128	128	136	90
67/ 49	1.9	5.5	3.8	.6	.2													108	109	130	90
67/ 47	3.1	5.0	4.8	.4														120	120	144	110
67/ 45	1.3	7.3	2.6	.3														104	104	139	107
67/ 43	1.0	3.9	1.0	.1														54	54	101	112
67/ 41	.7	2.1	.4	.2														31	31	47	133
67/ 39	.3	.9	.2															13	13	28	41
67/ 37	.7	.4																10	10	19	46
67/ 35		.2																2	2	8	14
67/ 33	.1	.1																2	2	2	13
67/ 31		.1																1	1	2	4
67/ 29	.1																	1	1	1	5
67/ 27																					1
TOTAL	15.1	45.8	27.5	9.1	1.3	.1													902		901
																		901		901	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6648116	76812	85.3	10.527	901							
Dry Bulb	2341406	45688	50.7	5.497	902		.2	.1				93
Wet Bulb	2137796	43528	48.4	5.297	901		.3					93
Dew Point	1959268	41570	46.2	5.971	901		1.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
OCT — MONTH

PAGE 1 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73							.2											2	2		
72/ 71							.2											2	2		
70/ 69						.1												1	1		
68/ 67					.1													1	1		
66/ 65			.2	.1	.3													6	6		
64/ 63		.7	.8	2.0	.7	.7												43	43		
62/ 61		1.2	2.1	1.0	.7	.1												46	46	14	
60/ 59		2.7	5.1	2.8	.9	.4	.1											108	108	27	19
58/ 57	.4	2.1	2.9	2.7	1.6	.4	.1											92	92	66	21
56/ 55	.6	4.0	4.8	4.7	2.7	.3												153	153	89	62
54/ 53	.2	3.4	2.1	5.0	1.3	.1												109	109	102	62
52/ 51	.6	4.7	4.3	2.6	1.7	.1												129	129	114	84
50/ 49	.6	2.1	3.7	2.8	.7													88	88	139	107
48/ 47	.1	2.6	1.8	2.3	.7													67	67	143	61
46/ 45	.1	2.1	.6	.3	.1													29	29	96	124
44/ 43		.7	.2	.1														9	9	67	85
42/ 41		.3	.4	.1														8	8	21	115
40/ 39		.1																1	1	9	38
38/ 37																				6	48
36/ 35																				1	18
34/ 33																					14
32/ 31																					10
30/ 29																					4
28/ 27																					2
TOTAL	2.6	26.7	29.6	26.6	11.4	2.3	.7											894	894	894	894

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	5258930	67598	75.6	12.858	894
Dry Bulb	2553498	48596	54.4	4.954	894
Wet Bulb	2284967	44989	50.3	4.846	894
Dew Point	1967862	41564	46.5	6.302	894

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			.5	.2			93
Wet Bulb							93
Dew Point		1.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] BOSCOMBE DOWN UK — 73-82 — OCT

STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 1500-1700

Temp °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew Pt.
74/ 75							.2											2	2		
72/ 71							.1											1	1		
70/ 69						.2												2	2		
68/ 66			.1	.1														2	2		
66/ 63		.6	.6	1.9	.6	.2												34	34		
64/ 61		.8	.9	.8	.7													26	26	8	
62/ 59	.2	2.8	4.5	1.9	.9	.4	.2											99	99	25	16
60/ 57	.6	3.3	2.8	1.8	.3	.2												81	81	51	22
58/ 55	.4	3.3	4.4	3.1	1.3	.1												115	115	87	58
56/ 53	.3	5.0	2.8	4.5	.9													122	122	93	78
54/ 51	.8	5.3	5.5	1.1	2.0													142	142	126	90
52/ 49	.4	4.1	3.7	2.0	[illegible]													99	99	123	97
50/ 47	.7	3.1	3.5	2.0	.9													92	92	153	108
48/ 45	.1	3.0	2.7	.7														58	58	171	135
46/ 43		1.0	.4	.2														15	15	79	101
44/ 41	.1	.4	.6															10	10	36	97
42/ 39		.1																1	1	12	45
40/ 37		.1																1	1	7	55
38/ 35																				1	20
34/ 33																					19
32/ 31																					6
30/ 29																					5
28/ 27																					1
TOTAL	.7	32.9	33.4	21.0	8.3	1.2	.6												904		904
																		904		904	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 62 F	≥ 73 F	≥ 83 F	≥ 93 F	Total
Rel. Hum.	5643191	70519	78.0	12.547	904							
Dry Bulb	2587217	48149	53.3	5.213	904			.5	.2			93
Wet Bulb	2254592	44928	49.7	4.933	904							93
Dew Point	1973303	41855	46.3	5.263	904		1.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
OCT — MONTH

PAGE 1 1600-2000

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
65/ 57					.1													1	1		
64/ 53				.2														2	2		
62/ 51		.4	.1															5	5		
61/ 59	.8	2.5	.9															38	38	12	11
60/ 57	.8	2.1	1.1															36	36	33	22
59/ 55	1.4	6.2	.9	.3	.1													82	82	40	36
58/ 53	1.9	5.1	1.6	.5														84	84	109	61
57/ 51	1.7	8.8	2.5	.5														125	125	86	94
56/ 49	.8	6.8	3.2	.3														101	101	106	68
55/ 47	2.7	7.9	3.5	.3	.1													133	133	127	116
46/ 45	1.3	11.9	3.6	.9														162	162	154	110
44/ 43	.7	5.1	2.1	.5														77	77	100	124
42/ 41	.4	4.6	1.4															59	59	75	114
40/ 39		.4	.1															5	5	53	61
38/ 37	.4	.3																7	7	18	48
36/ 35																				4	27
34/ 33																					18
32/ 31																					5
30/ 29																					2
TOTAL	12.9	62.2	20.9	3.7	.3													917	917	917	917

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	7059847	80111	87.4	8.816	917
Dry Bulb	2265932	45360	49.5	4.920	917
Wet Bulb	2107403	43707	47.7	5.139	917
Dew Point	1959593	42033	45.8	5.994	917

Mean No. of Hours with Temperature

	≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb			.1				93
Wet Bulb							93
Dew Point		.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

277400 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
OCT — MONTH

PAGE 1 2100-2700

Temp °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 57				.1														1	1			
62/ 54		.3																3	3			
60/ 53	.7	.8		.2														15	15	11	10	
58/ 51	.5	2.0	.1	.1														25	25	11	9	
56/ 49	2.2	5.6	1.0															80	80	39	36	
54/ 47	1.6	4.8	.5															64	64	82	48	
52/ 45	3.6	6.4	1.0															91	91	92	64	
50/ 43	2.0	5.6	1.3															81	81	87	79	
48/ 41	4.6	7.9	.1	.1														116	116	120	109	
46/ 39	1.9	14.3	1.9															164	164	113	113	
44/ 37	2.5	7.1	1.1	.1														94	94	124	113	
42/ 35	1.4	8.8	1.5	.2														109	109	90	118	
40/ 33	.5	3.7																39	39	67	61	
38/ 31	.9	.9	.1															17	17	54	58	
36/ 29		1.0																9	9	13	40	
34/ 27	.2																	2	2	7	19	
32/ 25																					11	
30/ 23																					3	
TOTAL	21.2	69.2	8.7	.9															910			910
																		910		910		

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7586351	82843	91.1	7.007	910							
Dry Bulb	2090577	43341	47.6	5.385	910							93
Wet Bulb	1984817	42203	46.4	5.507	910							93
Dew Point	1889604	41100	45.2	6.055	910		1.4					93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITION OF THIS FORM IS OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

337460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
OCT — MONTH

PAGE 1 — ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73							.1											4	4		
72/ 71							.0											3	3		
70/ 69						.0												1	1		
68/ 67					.0	.0												5	5		
66/ 65			.0	.0	.1													10	10		
64/ 63		.2	.2	.5	.2	.1												88	88		
62/ 61	.0	.6	.5	.2	.2	.0												111	111	29	3
60/ 59	.5	1.7	1.6	.7	.2	.1	.0											352	352	129	102
58/ 57	.5	2.2	1.2	.7	.2	.1	.0											354	364	231	123
56/ 55	1.5	4.5	1.7	1.3	.5	.1												594	594	430	316
54/ 53	1.7	4.5	1.4	1.5	.3	.0												683	684	700	467
52/ 51	2.1	5.3	2.5	.7	.5	.0												809	809	722	632
50/ 49	1.6	5.1	2.3	.7	.2													723	723	607	612
48/ 47	3.9	5.7	2.0	.6	.2													900	900	1056	865
46/ 45	2.1	8.3	1.8	.3	.0													909	909	881	913
44/ 43	1.5	4.8	.8	.1														526	526	800	770
42/ 41	1.7	5.0	.9	.1														557	558	584	998
40/ 39	.3	1.8	.1															198	198	357	457
38/ 37	1.1	1.0	.0															155	155	278	422
36/ 35	.3	1.0	.0															96	96	138	229
34/ 33	.4	.4																60	60	86	202
32/ 31	.2	.1																21	21	29	94
30/ 29	.1	.0																8	8	8	45
28/ 27	.0																	1	1	1	8
TOTAL	19.9	52.2	17.1	7.5	2.6	.5	.2											7278	7280		7278
																		7278		7278	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥90 F	Total
Rel. Hum.	56237141	634277	87.1	11.305	7278							
Dry Bulb	17962036	358676	49.3	6.318	7280		3.1	1.3	.4			744
Wet Bulb	16545592	3443a4	47.3	5.860	7278		3.9					744
Dew Point	15310626	330636	45.4	6.313	7278		15.0					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
037460	BOSCOMBE DOWN UK	73-82	NOV

PAGE 1 0000-0200 HOURS (GMT)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
59/ 57	.2	.3																5	5	2	2
56/ 55	1.5	2.6	.2															38	38	22	16
54/ 53	1.2	4.6	.5															56	56	50	34
52/ 51	1.6	5.3	.5															65	65	50	42
50/ 49	1.7	3.4	1.7															60	60	63	58
48/ 47	2.1	5.1	.6	.1														70	70	66	58
46/ 45	1.0	5.9	.8															68	68	75	71
44/ 43	1.6	5.3	1.4	.1														74	74	62	65
42/ 41	3.8	6.8	1.8															110	110	80	91
40/ 39	1.7	6.9	.6															81	81	88	58
38/ 37	2.3	2.9	1.1															56	56	93	64
36/ 35	1.8	4.4	.1															56	56	58	72
34/ 33	2.5	4.2	.3															62	62	53	64
32/ 31	1.2	2.9	.2															39	39	54	58
30/ 29	1.5	2.1																32	32	43	49
28/ 27	.8	.6																12	12	11	39
26/ 25	.1																	1	1	5	17
24/ 23																					5
22/ 21																					2
TOTAL	25.7	63.4	9.7	.2															885		885
																		885		885	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	7321751	80217	90.6	7.583	885							
Dry Bulb	1664715	37825	42.7	7.374	885		8.5					90
Wet Bulb	1575744	36776	41.6	7.332	885		11.5					90
Dew Point	1482638	35558	40.2	7.814	885		17.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
NOV — MONTH

PAGE 1 0300-0500 — HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
WET BULB TEMPERATURE DEPRESSION (F)																						
58/ 57		.4																4		4		
56/ 55	1.1	3.1	.2															40		40	19	15
54/ 53	1.1	2.5	.2															34		34	43	34
52/ 51	2.1	4.8	.3															65		65	48	39
50/ 49	1.3	5.8	.7															70		70	74	48
48/ 47	1.9	3.9	.3															55		55	53	67
46/ 45	2.8	5.2	1.2															82		82	72	91
44/ 43	1.6	3.4	1.1	.2														56		56	48	41
42/ 41	4.8	9.4	1.5															140		140	101	95
40/ 39	1.0	4.4	.8	.1														56		56	73	68
38/ 37	3.8	4.4	.4															77		77	88	68
36/ 35	.6	4.7	.6															52		52	57	52
34/ 33	2.9	2.6	.1															50		50	54	88
32/ 31	.8	3.9	.2															44		44	58	42
30/ 29	1.6	1.9																31		31	35	57
28/ 27	1.9	1.1																27		27	27	49
26/ 25	.3	.1																4		4	6	22
24/ 23	.3																	3		3	4	12
22/ 21																						2
TOTAL	30.1	61.8	7.8	.3																890		890
																		890			890	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	7469530	81248	91.3	7.678	890
Dry Bulb	1634660	37540	42.2	7.591	890
Wet Bulb	1554185	36581	41.1	7.546	890
Dew Point	1457801	35425	39.8	8.061	890

Mean No. of Hours with Temperature

≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
	11.0					90
	13.1					90
	18.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
037460	BOSCOMBE DOWN UK	73-82	NOV

PAGE 1 0600-0800 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
59/ 57		.7																6	6		
56/ 55	1.2	2.4																32	32	17	14
54/ 53	1.8	2.8	.3															44	44	52	36
52/ 51	2.8	5.5	.8															81	81	50	47
50/ 49	1.4	5.1	.6															62	62	82	44
48/ 47	2.5	4.3	.1															61	61	53	83
46/ 45	2.3	4.3	1.5															71	71	59	80
44/ 43	1.4	3.2	.7															46	46	40	39
42/ 41	3.0	9.2	1.7	.1														125	125	72	66
40/ 39	1.1	5.3	.8	.1														65	65	80	67
38/ 37	2.7	6.0	.5															81	81	85	82
36/ 35	.5	3.6	.6															41	41	75	57
34/ 33	1.8	4.4	.2															57	57	55	75
32/ 31	.6	3.7	.1															39	39	63	33
30/ 29	2.4	1.6																35	35	39	76
28/ 27	1.7	1.2																26	26	27	48
26/ 25	1.0	.3																12	12	14	21
24/ 23	.3																	3	3	4	7
22/ 21																					2
TOTAL	29.4	63.6	7.8	.2														887	887	887	887

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7387637	80673	91.0	7.542	887							
Dry Bulb	1632853	37413	42.2	7.865	887		11.7					90
Wet Bulb	1549419	36413	41.1	7.850	887		14.9					90
Dew Point	1460665	35227	39.7	8.340	887		20.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
NOV — MONTH

PAGE 1 0900-1100 HOURS (LST)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
60/ 59		.3	.4															7	7		
58/ 57	.2	1.2	.1															14	14	5	2
56/ 55	1.7	3.9	1.2	.1														62	62	30	24
54/ 53	1.7	3.3	1.9	.2														63	63	56	42
52/ 51	1.0	5.5	2.5	.1	.1													82	82	59	48
50/ 49	.3	3.1	2.2	.3														54	54	74	48
48/ 47	2.4	4.8	2.2	.3														87	87	75	81
46/ 45	1.8	6.7	3.1	.3														107	107	91	78
44/ 43	.6	3.9	2.5	.3														65	65	75	62
42/ 41	1.7	8.3	2.8	.3														117	118	71	95
40/ 39	.5	3.6	1.1	.1														48	48	90	71
38/ 37	1.2	3.0	2.0															56	56	69	80
36/ 35	.8	2.6	1.1															40	40	53	44
34/ 33	.8	3.0	.6															39	39	55	65
32/ 31	.8	1.5	.1															21	21	39	33
30/ 29	.5	1.7																20	20	27	45
28/ 27	.4	.1																5	5	7	55
26/ 25	.2																	2	2	3	12
24/ 23	.1																	1	1	1	5
TOTAL	16.9	56.7	24.0	2.2	.1														891		890
																		890		890	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6792969	77315	86.9	9.280	890							
Dry Bulb	1829722	39960	44.7	7.231	891		4.9					90
Wet Bulb	1692284	38274	43.0	7.219	890		7.8					90
Dew Point	1552130	36488	41.0	7.951	890		15.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
NOV — MONTH

 1200-1400 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61		.1	.2	.2	.1													6	6		
60/ 59		.3	1.8	.1														20	20	1	
56/ 57	.5	1.9	1.0	.1														31	31	10	7
56/ 55	1.2	4.1	3.7	.9	.2													90	90	47	28
54/ 53	.2	2.5	2.2	1.7														58	58	58	37
52/ 51	.8	4.4	4.3	.9	.5													96	96	76	54
50/ 49	.5	2.2	4.1	1.4	.2													73	73	64	40
48/ 47	1.7	5.7	4.8	1.9	.7													130	130	111	84
46/ 45	.9	4.1	5.6	3.4	.9													131	131	107	69
44/ 43		2.4	4.4	1.9	.2													79	79	81	62
42/ 41	.9	3.6	2.2	.9	.1													68	68	93	107
40/ 39	.5	.7	2.2	.5	.1													34	34	100	63
38/ 37	.3	1.5	1.9	.6														38	38	38	81
36/ 35	.2	.5	1.0															15	15	43	50
34/ 33	.3	.6	.2															10	10	35	58
32/ 31		.1																1	1	16	31
30/ 29																					28
28/ 27																					45
26/ 25																					8
24/ 23																					7
22/ 21																					1
TOTAL	8.1	34.7	39.7	14.5	3.1													880	880	880	880

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5693214	69972	79.5	12.137	880
Dry Bulb	2044260	42090	47.8	5.950	880
Wet Bulb	1809212	39522	44.9	6.240	880
Dew Point	1574968	36592	41.6	7.795	880

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		.1					90
Wet Bulb		1.6					90
Dew Point		12.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037450 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
NOV — MONTH

PAGE 1 — 1500-1700 HOURS

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
62/ 61					.1													1	1		
60/ 59		.6	.4		.1													10	10		
59/ 57	.3	1.8	.6	.2														26	26	8	5
56/ 55	1.0	4.5	1.3	.1														62	62	31	15
54/ 53	.2	3.4	2.1	.7														57	57	60	38
52/ 51	.8	4.9	3.5	.1														83	83	55	65
50/ 49	.7	3.7	3.5	.1														71	71	84	39
48/ 47	1.9	5.4	3.7	1.5	.2													113	113	91	78
46/ 45	.2	6.1	4.9	2.5	.1													123	123	87	90
44/ 43	.4	3.7	4.9	1.3														93	93	90	60
42/ 41	.3	4.9	4.9	.9	.1													100	100	91	109
40/ 39	.5	3.9	1.5	.5														58	58	99	59
38/ 37	1.1	1.7	1.2	.6														41	41	84	75
36/ 35	.2	.9	1.5															23	23	40	77
34/ 33	.9	.9	.7															22	22	39	80
32/ 31	.2	.6																7	7	28	32
30/ 29																				3	23
28/ 27																					32
26/ 25																					15
24/ 23																					8
TOTAL	9.0	47.0	34.8	8.5	.7														890		890
																		890		890	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6139227	73287	82.3	10.837	890							
Dry Bulb	1943934	41232	46.3	6.160	890		.7					90
Wet Bulb	1752707	39089	43.9	6.356	890		3.1					90
Dew Point	1555757	36587	41.1	7.626	890		11.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
NOV — MONTH

PAGE 1 1600-2000

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57	.1	.9	.1															10	10	1	1
56/ 55	.7	3.4	.9															44	44	17	12
54/ 53	.4	3.9	.3	.1														43	43	45	27
52/ 51	.6	5.3	1.6															66	66	49	38
50/ 49	.8	5.1	1.3															64	64	74	51
48/ 47	2.4	3.8	1.0	.1														65	65	75	73
46/ 45	1.6	8.5	2.5	.2														114	114	66	65
44/ 43	.9	6.2	1.7	.2														80	80	101	46
42/ 41	.8	9.0	2.5	.3														113	113	70	110
40/ 39	.8	6.1	1.1															71	71	85	70
38/ 37	3.6	5.3	1.0	.6														93	93	112	74
36/ 35	.4	2.6	.9	.2														37	37	63	64
34/ 33	1.2	2.9	1.1															47	47	52	72
32/ 31	.3	2.0	.2															23	23	50	43
30/ 29	.4	1.1																14	14	22	38
28/ 27	.1	.4																5	5	6	41
26/ 25																				1	13
24/ 23																					8
22/ 21																					2
TOTAL	15.2	66.5	16.4	1.8															989		989
																		389		389	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	6899832	77958	87.7	8.460	889							
Dry Bulb	1733757	38795	43.6	6.777	889		4.3					90
Wet Bulb	1613787	37391	42.1	6.806	889		8.0					90
Dew Point	1486482	35726	40.2	7.561	889		14.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
NOV — MONTH

PAGE 1 — 2100-2300 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
WET BULB TEMPERATURE DEPRESSION (F)																						
58/ 57		.3																	3	3		
56/ 55	1.3	2.5	.2																36	36	15	13
54/ 53	1.0	3.8	.8	.1															51	51	42	23
52/ 51	1.8	3.9	1.8																67	67	62	45
50/ 49	1.6	2.5	1.0	.1															46	46	60	51
48/ 47	2.2	5.2	.6	.1															72	72	59	58
46/ 45	1.8	7.2	1.2																91	91	87	76
44/ 43	1.1	4.6	1.5	.1															65	65	64	66
42/ 41	1.7	10.8	1.1	.4															125	125	67	90
40/ 39	1.0	8.0	.9																88	88	95	64
38/ 37	2.1	4.0	.9	.1															64	64	102	85
36/ 35	1.0	4.8	.3	.1															56	56	61	84
34/ 33	1.7	3.5	.7																52	52	69	68
32/ 31	.6	3.0	.2																34	34	54	44
30/ 29	.4	2.0																	22	22	34	52
28/ 27	1.3	.6																	17	17	18	44
26/ 25	.1																		1	1	1	20
24/ 23																						7
TOTAL	20.9	66.7	11.2	1.1																890		890
																			890		890	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: < 0 F	< 32 F	< 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7169883	79577	89.4	7.845	890							
Dry Bulb	1670433	38029	42.7	7.153	890		7.5					90
Wet Bulb	1569379	36833	41.4	7.117	890		10.8					90
Dew Point	1462067	35427	39.8	7.539	890		15.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
NOV — MONTH

ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61		.0	.0	.0	.0													7	7			
60/ 59		.2	.3	.0	.0													37	37	1		
58/ 57	.2	1.0	.2	.0														99	99	26	17	
56/ 55	1.2	3.3	1.0	.1	.0													404	404	198	137	
54/ 53	1.0	3.4	1.0	.4														406	406	416	271	
52/ 51	1.4	5.0	1.9	.1	.1													505	505	449	368	
50/ 49	1.0	3.9	1.9	.2	.0													500	500	575	379	
48/ 47	2.1	4.8	1.7	.5	.1													553	553	603	562	
46/ 45	1.5	6.0	2.6	.8	.1													787	787	654	661	
44/ 43	.9	4.1	2.3	.5	.0													558	558	561	441	
42/ 41	3.1	7.8	3.3	.4	.0													898	899	645	763	
40/ 39	.9	4.9	1.1	.2	.0													501	501	710	520	
38/ 37	2.2	3.6	1.1	.2														506	506	671	629	
36/ 35	.7	3.0	.8	.0														320	320	460	520	
34/ 33	1.5	2.8	.5															339	339	432	570	
32/ 31	.6	2.2	.1															208	208	362	316	
30/ 29	.9	1.3																154	154	203	368	
28/ 27	.8	.5																92	92	96	353	
26/ 25	.2	.1																20	20	70	128	
24/ 23	.1																	7	7	9	69	
22/ 21																						9
TOTAL	19.4	57.6	18.9	3.6	.5														7102			7101
																		7101		7101		

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	54874043	620247	87.3	9.[illegible]3	7101							
Dry Bulb	14154334	312784	44.0	7.304	7102		48.8					720
Wet Bulb	13116717	300879	42.4	7.200	7101		71.0					720
Dew Point	12042508	287730	40.4	7.876	7101		126.0					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-62 — YEARS
DEC — MONTH

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55		.4																	4	4	1	
54/ 53		1.5	.3	.1															18	18	4	4
52/ 51	1.0	3.1	.3																40	40	30	16
50/ 49	.4	4.9	.8	.1															57	57	51	33
48/ 47	.9	5.1	.5	.1															61	61	53	48
46/ 45	2.6	7.5	.3	.1															101	101	87	82
44/ 43	1.5	2.8	1.0																49	49	78	74
42/ 41	1.7	8.1	1.2																101	101	57	67
40/ 39	2.3	5.0	.3																67	67	87	67
38/ 37	2.8	5.5	1.1																86	86	90	81
36/ 35	3.2	5.2	.3																80	80	81	84
34/ 33	4.0	4.5	.4																82	82	94	90
32/ 31	1.6	4.5	.1																57	57	74	73
30/ 29	1.9	3.4	.1																49	49	55	67
28/ 27	1.9	1.6	.1																33	33	37	61
26/ 25	1.0	.4																	13	13	16	22
24/ 23	1.0	.1																	10	10	12	25
22/ 21	.3																		3	3	4	8
20/ 19	.1																		1	1	1	5
18/ 17																						3
16/ 15	.1	.1																	2	2	2	1
14/ 13		.1																	1	1	1	1
12/ 11																						1
10/ 9																						1
TOTAL	28.1	64.0	7.4	.4																915		915
																		915			915	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7547374	828228	90.5	7.365	915							
Dry Bulb	1482566	36196	39.6	7.448	915		17.2					93
Wet Bulb	1401332	35194	38.5	7.220	915		20.5					93
Dew Point	1304948	33846	37.0	7.613	915		27.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] — GOOSEMERE DOWN UK — 73-82 — DEC

STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 0300-0500

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
57/ 56		.1	.1															2	2			
54/ 52	.1	1.1																11	11	4		1
51/ 51	.8	2.8	.5															38	39	39		15
51/ 49	.8	3.3																37	37	36		27
49/ 47	.8	5.3																54	54	57		36
47/ 45	2.2	9.1	1.3															115	115	76		92
44/ 43	1.7	4.7	.4															63	63	81		59
42/ 41	1.3	8.1	1.7															102	102	62		81
40/ 39	2.6	5.1	.3															74	74	88		73
38/ 37	4.1	2.5	1.2															72	72	98		108
36/ 35	2.2	5.9	.2															76	76	62		47
34/ 33	3.9	4.4	.3															79	79	97		72
32/ 31	1.5	4.7																57	57	84		75
30/ 29	2.1	3.4																55	55	62		89
28/ 27	2.5	1.6	.1															40	40	33		59
26/ 25	1.3	1.3																18	18	24		25
24/ 23	1.2	.7																17	17	14		29
22/ 21	.3																	3	3	9		7
20/ 19	.3																	3	3	3		10
18/ 17	.3																	3	3	3		1
16/ 15	.2																	2	2	2		8
14/ 13																						2
TOTAL	29.9	63.3	6.3																916			916
																		916		916		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7513204	83242	90.9	7.284	916							
Dry Bulb	1444738	35710	39.0	7.582	916		19.6					93
Wet Bulb	1367366	34748	37.9	7.371	916		22.7					93
Dew Point	1276830	33460	36.5	7.724	916		31.0					93

USAFETAC FORM NO. 0 26 3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03746D — BOSCOMBE DOWN UK — 73-82 — DEC

STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 0600-0800

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
59/ 55		1.1																10	10		
57/ 53	.1	1.1																11	11	16	5
52/ 51	.3	2.0	.8															28	28	16	16
50/ 49	.5	2.7	.4															34	34	33	17
48/ 47	1.9	4.3	.1															57	57	53	42
46/ 45	2.5	9.3	1.5															122	123	88	62
44/ 43	1.1	5.8	.8															70	70	74	62
42/ 41	2.0	7.3	.9															93	93	91	109
40/ 39	1.6	4.3	.7															60	60	61	60
38/ 37	3.9	4.0	.7															79	79	88	78
36/ 35	1.7	5.7	.4															72	72	61	63
34/ 33	3.9	5.1																83	83	110	74
32/ 31	2.5	4.3	.1															63	63	83	88
30/ 29	2.4	2.4																44	44	48	62
28/ 27	2.0	2.1																37	37	31	46
26/ 25	.8	.5																12	12	20	20
24/ 23	2.3	.9																29	29	24	26
22/ 21	.2	.2																4	4	9	26
20/ 19	.1	.1																2	2	3	8
18/ 17	.1																	1	1	2	1
16/ 15	.3																	3	3	3	4
14/ 13		.1																1	1	1	4
12/ 9																					1
TOTAL	30.4	63.3	6.3																915		915
																		915		915	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	7621794	83258	91.0	7.091	915							
Dry Bulb	1443074	35560	38.9	7.741	915		19.9					93
Wet Bulb	1364338	34658	37.9	7.512	915		22.8					93
Dew Point	1276017	33399	36.5	7.890	915		31.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
037460	BOSCOMBE DOWN UK	73-82	DEC

PAGE 1 0900-1100

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/57			.2															2	2			
56/55		.7	.2															8	8			
54/53	.7	.9	.4															18	18	17	13	
52/51	.4	1.6	.7															25	25	17	11	
50/49	.7	4.1	2.2															64	64	41	18	
48/47	1.5	6.5	.4	.2														81	81	79	52	
46/45	2.5	7.0	1.8	.3														107	107	93	99	
44/43	1.1	4.6	1.2	.2														65	65	71	51	
42/41	2.5	7.3	1.8	.2														109	109	82	105	
40/39	1.5	5.0	1.1															70	70	76	53	
38/37	2.8	4.2	1.0															74	74	89	82	
36/35	1.2	5.9	.9															73	73	75	54	
34/33	2.4	5.9	.5															81	81	94	97	
32/31	1.2	3.6	.3															47	47	75	67	
30/29	1.0	2.8	.1															36	36	42	66	
28/27	1.0	1.4	.1															23	23	23	60	
26/25	1.4	.7																19	19	22	17	
24/23	1.0	.3																12	12	13	32	
22/21	.1	.1																2	2	4	11	
20/19																				1	6	
18/17	.2																	2	2	2	3	
16/15	.2																	2	2	2	3	
14/13																					3	
TOTAL	23.5	62.5	13.0	1.0															920			920
																		920		920		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7290195	81531	88.6	8.401	920							
Dry Bulb	1538584	36992	40.2	7.463	920		14.5					93
Wet Bulb	1436779	35741	38.8	7.248	920		18.6					93
Dew Point	1318489	34093	37.1	7.742	920		27.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
DEC — MONTH

PAGE 1 — HOURS 1200-1400

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57			.3															3	3		
56/ 55	.7	.7	.3															15	15	6	6
54/ 53	.2	2.0	.6															25	25	20	6
52/ 51	.9	2.7	2.4	.3														57	57	31	24
50/ 49	.8	4.1	3.7															77	77	44	28
48/ 47	1.4	6.1	2.9	.4														96	98	104	45
46/ 45	1.3	6.5	3.7	1.4														117	117	89	136
44/ 43	.5	5.1	4.0	.8														94	94	86	57
42/ 41	1.3	7.1	4.5	1.5														131	132	89	120
40/ 39	.6	4.2	2.1	.4														66	66	103	56
38/ 37	.8	4.5	2.7															72	72	86	88
36/ 35	.2	2.5	1.7	.1														41	41	79	67
34/ 33	1.5	2.3	.9															43	43	64	82
32/ 31	.6	2.0	.7															29	29	54	62
30/ 29	.9	1.1	.1															19	19	27	58
28/ 27	.4	.8																11	11	9	57
26/ 25	.3	.1																4	4	10	21
24/ 23	.1	.1																2	2	2	13
22/ 21																				1	2
20/ 19																					4
18/ 17																					2
TOTAL	12.6	51.9	30.4	5.1														904	905	904	904

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6478719	75974	84.0	10.187	904							
Dry Bulb	1700342	38782	42.9	6.519	905		6.7					x3
Wet Bulb	1543267	36889	40.8	6.484	904		10.6					93
Dew Point	1371127	34579	38.3	7.324	904		22.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 BOSCOMBE DOWN UK 73-82 DEC

STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55	.3	.4	.2															9	9	3	3
54/ 53	.3	2.2	.1															24	24	17	6
52/ 51	.3	3.2	.3															35	35	24	24
50/ 49	.7	4.0	3.0															71	71	51	24
48/ 47	1.0	8.2	1.7															100	100	83	50
46/ 45	1.4	7.2	2.9	.3	.1													110	110	95	102
44/ 43	.9	5.9	2.2	.2	.1													85	85	82	71
42/ 41	1.4	8.5	4.7	.1														135	135	90	100
40/ 39	1.0	5.3	2.5	.2														83	83	90	80
38/ 37	1.0	5.5	2.0	.1														79	79	106	73
36/ 35	1.1	4.7	1.4	.1														67	67	89	62
34/ 33	1.5	3.5	.7															52	52	81	96
32/ 31	.4	1.3	.8															23	23	49	70
30/ 29	.5	1.5	.4															23	23	27	70
28/ 27	1.0	.9																17	17	21	37
26/ 25	.2	.1																3	3	7	27
24/ 23	.1	.2																3	3	2	15
22/ 21																				2	3
20/ 19																					5
18/ 17																					1
TOTAL	13.2	62.6	23.0	1.1	.2													919	919	919	919

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	6908489	79247	86.2	9.032	919
Dry Bulb	1655958	38560	42.0	6.437	919
Wet Bulb	1526186	36978	40.2	6.459	919
Dew Point	1380745	34995	38.1	7.243	919

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		7.0					93
Wet Bulb		10.9					93
Dew Point		23.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
DEC — MONTH

PAGE 1 — 1800-2000 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
56/ 55	.1	.3	.1															5	5	1	1
54/ 53	.3	1.2	.1															15	15	9	5
52/ 51	.7	2.6	.1															31	31	19	15
50/ 49	1.0	4.1	1.0															56	56	55	26
48/ 47	1.8	6.7	1.2															90	90	74	55
46/ 45	2.1	7.8	1.3															103	103	96	106
44/ 43	.7	5.4	.7															62	62	55	53
42/ 41	1.4	8.4	2.1															109	109	73	93
40/ 39	1.4	6.8	.3															79	79	75	72
38/ 37	3.1	4.1	1.1	.1														78	78	109	80
36/ 35	1.0	6.4	1.1															78	78	69	61
34/ 33	3.4	4.9	.5		.1													82	82	99	89
32/ 31	1.4	4.3	.2	.1														56	56	91	73
30/ 29	1.0	2.9																36	36	38	80
28/ 27	1.2	1.5	.1															26	26	25	58
26/ 25	.3	.3																6	6	11	21
24/ 23	.5	.1																6	6	8	17
22/ 21	.1																	1	1	2	5
20/ 19	.1																	1	1	1	7
18/ 17																					1
16/ 15		.1																1	1	1	1
14/ 13		.1																1	1	1	
12/ 11																					2
10/ 9																					1
TOTAL	21.6	68.2	9.9	.2	.1														922		922
																		922		922	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7437463	82507	89.5	7.669	922							
Dry Bulb	1541850	37144	40.3	7.025	922		13.5					93
Wet Bulb	1450319	36303	39.0	6.947	922		18.0					93
Dew Point	1342895	34498	37.4	7.521	922		26.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
DEC — MONTH

PAGE 1 — 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55		.5																5	5		
54/ 53		.5	.3															8	8	5	3
52/ 51	.8	2.9	.4															36	38	21	12
50/ 49	.3	4.7	.7	.2														54	54	44	18
48/ 47	1.4	6.4	.7	.1														79	79	77	53
46/ 45	2.2	7.7	1.2															102	102	88	102
44/ 43	.7	5.9	1.0															69	69	79	66
42/ 41	1.5	7.7	1.8															102	102	70	97
40/ 39	2.3	4.1	.5															64	64	79	68
38/ 37	3.5	4.4	1.3															85	85	87	77
36/ 35	1.5	4.7	.5															63	63	76	67
34/ 33	4.0	4.5	.1															80	80	98	79
32/ 31	1.7	4.4	.1															58	58	74	71
30/ 29	1.3	4.8	.2															58	58	57	65
28/ 27	1.7	1.4	.1															30	30	33	76
26/ 25	.3	.5																8	8	13	28
24/ 23	1.2	.3																14	14	13	19
22/ 21	.2																	2	2	5	5
20/ 19																					11
18/ 17																					2
14/ 13	.2																	2	2	2	
12/ 11	.1																	1	1	1	2
10/ 9																					1
TOTAL	25.1	65.6	9.0	.3															922		922
																		922		922	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7546756	83128	90.2	7.506	922							
Dry Bulb	1505168	36622	39.7	7.407	922		17.5					93
Wet Bulb	1419101	35561	38.6	7.184	922		20.0					93
Dew Point	1317766	34152	37.0	7.567	922		28.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
DEC — MONTH

ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57			.1															5	5		
56/ 55	.1	.5	.1															58	58	11	10
54/ 53	.2	1.3	.2	.0														130	130	92	41
52/ 51	.6	2.6	.7	.0														292	292	187	133
50/ 49	.6	4.0	1.5	.0														450	450	357	141
48/ 47	1.3	6.1	.9	.1														620	620	580	381
46/ 45	2.1	7.8	1.8	.3	.0													877	878	712	771
44/ 43	1.0	5.0	1.4	.2	.0													557	557	616	503
42/ 41	1.7	7.8	2.3	.2														882	883	614	772
40/ 39	1.6	5.0	1.0	.1														563	563	661	529
38/ 37	2.8	4.4	1.4	.0														525	525	753	667
36/ 35	1.5	5.1	.8	.0														550	550	592	515
34/ 33	3.1	4.4	.4		.0													582	582	737	679
32/ 31	1.4	3.6	.3	.0														390	390	584	579
30/ 29	1.4	2.8	.1															315	315	346	577
28/ 27	1.5	1.4	.1															217	217	212	454
26/ 25	.7	.5																83	83	123	181
24/ 23	.9	.3																93	93	88	176
22/ 21	.2	.0																15	15	36	67
20/ 19	.1	.0																7	7	9	57
18/ 17	.1																	6	6	7	14
16/ 15	.1	.0																10	10	10	17
14/ 13	.0	.0																5	5	5	10
12/ 11	.0																	1	1	1	5
10/ 9																					4
TOTAL	23.0	62.8	13.1	1.0	.0														7335		7333
																		7333		7333	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	58443993	651715	88.9	8.448	7333							
Dry Bulb	12312280	295566	40.3	7.332	7335		115.8					744
Wet Bulb	11509188	285772	39.0	7.127	7333		144.2					744
Dew Point	10588818	273022	37.2	7.602	7333		217.2					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — YEARS
ALL — MONTH
ALL — HOURS (L.S.T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
WET BULB TEMPERATURE DEPRESSION (F)																					
92/ 91												.0	.0	.0				7	7		
90/ 89											.0	.0	.0	.0				14	14		
88/ 87										.0	.0	.0		.0				33	33		
86/ 85									.0	.0	.0	.0	.0	.0	.0			33	33		
84/ 83								.0	.0	.0	.0	.0	.0		.0			39	39		
82/ 81							.0	.0	.0	.0	.0	.0	.0					57	57		
80/ 79						.0	.0	.0	.0	.0	.0	.0	.0					103	103		
78/ 77					.0	.0	.1	.1	.1	.1	.0	.0	.0					372	372		
76/ 75					.0	.1	.1	.1	.0	.0	.0							307	307		
74/ 73			.0	.0	.0	.1	.2	.1	.1	.0	.0							508	510		
72/ 71			.0	.0	.2	.1	.2	.1	.1	.0	.0							602	602	1	
70/ 69		.0	.1	.1	.3	.3	.2	.1	.0	.0	.0	.0						968	969	32	
68/ 67		.0	.1	.2	.4	.3	.2	.1	.0	.0	.0	.0						1032	1033	150	2
66/ 65	.0	.1	.3	.4	.4	.3	.2	.0	.0	.0	.0							1531	1532	436	17
64/ 63	.0	.5	.5	1.1	.7	.6	.2	.1	.0	.0	.0							3191	3191	951	236
62/ 61	.1	.9	.8	.6	.6	.3	.1	.0	.0	.0								2893	2894	1867	521
60/ 59	.5	1.8	1.5	1.0	.7	.3	.1	.0	.0	.0								5069	5072	3173	2145
58/ 57	.4	1.9	.9	.8	.3	.2	.0	.0	.0									3850	3853	4433	2300
56/ 55	.8	2.7	1.2	.7	.4	.2	.0	.0										5186	5188	5321	4119
54/ 53	.6	2.6	1.0	.7	.3	.1	.0	.0										4553	4556	6182	4521
52/ 51	.9	3.0	1.6	.4	.4	.1	.0											5516	5519	5815	5696
50/ 49	.7	2.9	1.5	.5	.2	.1	.0	.0										4982	4982	5886	5014
48/ 47	1.3	4.1	1.3	.5	.3	.1	.0	.0										6442	6442	6764	6342
46/ 45	1.2	5.6	1.5	.6	.2	.0	.0											7811	7813	7372	8406
44/ 43	.9	3.6	1.2	.4	.1	.0	.0											5305	5306	6573	6102
42/ 41	1.2	4.9	1.5	.4	.1	.0												6965	6969	5715	8712
40/ 39	.6	2.7	.6	.1	.0													3444	3444	5360	4639
38/ 37	1.2	2.4	.7	.1	.0													3691	3692	4948	5343
36/ 35	.5	2.3	.4	.0														2828	2828	3713	4067
34/ 33	1.1	2.0	.3	.0	.0													2931	2931	3739	4647
32/ 31	.5	1.6	.2	.0														1875	1875	3106	3188
30/ 29	.4	1.1	.1	.0														1427	1429	1666	3405
28/ 27	.6	.5	.0															969	969	1037	2885
26/ 25	.2	.2	.0															325	325	521	1149

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

037460 (STATION) BOSCOMBE DOWN UK (STATION NAME) 73-82 (YEARS) ALL (MONTH)

PAGE 2 ALL (HOUR)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23	.1	.1																215	215	222	927
22/ 21	.0	.0																50	50	119	313
20/ 19	.1	.0																55	55	64	275
18/ 17	.0	.0																25	25	28	116
16/ 15	.0	.0																19	19	19	86
14/ 13	.0	.0																8	8	8	32
12/ 11	.0																	2	2	2	12
10/ 9																					11
TOTAL	14.1	47.4	17.2	3.9	5.5	3.4	1.8	.9	.4	.2	.1	.1	.0	.0	.0			85263		85233	
																		85233		85233	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.	591824426	6985476	82.0	15.053	85233
Dry Bulb	212482832	4159132	48.8	10.611	85263
Wet Bulb	186219481	3909039	45.9	9.023	85233
Dew Point	164465041	3662567	43.0	9.114	85233

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		510.0	423.9	153.4	25.8		8760
Wet Bulb		696.4	19.0				8760
Dew Point		1270.5	.2				8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

40 BOSCOMBE DOWN UK 73-82

HR		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	36.1	37.7	39.2	41.6	46.4	52.2	55.6	56.1	52.5	47.0	42.7	39.6	45.7
-06	S.D.	6.983	6.246	5.542	5.426	5.126	5.240	4.399	4.599	5.085	5.950	7.374	7.448	6.816
	TOTAL OBS	876	831	909	883	915	873	896	877	883	920	885	915	10665
	MEAN	37.6	36.9	38.3	40.1	44.8	50.4	53.7	54.2	51.1	46.0	42.2	39.0	44.6
-07	S.D.	7.135	6.394	5.611	5.562	5.283	5.078	4.461	4.618	5.458	6.175	7.591	7.582	6.671
	TOTAL OBS	885	830	906	878	921	875	903	903	881	916	890	916	10704
	MEAN	37.2	36.7	38.6	41.5	47.8	54.0	57.0	56.1	52.0	46.0	42.2	38.9	45.6
-08	S.D.	7.347	6.581	5.730	5.580	5.198	4.959	4.205	4.437	5.400	6.312	7.865	7.741	6.419
	TOTAL OBS	884	837	911	882	909	868	881	878	868	917	887	916	10685
	MEAN	38.5	39.1	40.0	47.4	54.0	60.0	63.1	63.3	58.4	50.7	44.7	40.2	50.0
-09	S.D.	7.131	6.167	5.198	5.492	5.899	6.360	5.271	5.139	4.871	5.497	7.231	7.463	10.798
	TOTAL OBS	88	836	905	884	910	868	899	899	880	902	891	920	10674
	MEAN	41.3	42.6	46.4	51.0	57.4	63.6	66.8	67.3	62.2	54.4	47.8	42.9	53.7
-10	S.D.	6.263	5.772	5.172	6.184	6.995	7.286	6.242	6.150	5.559	4.954	5.950	6.519	11.083
	TOTAL OBS	876	824	906	870	897	862	870	892	875	894	880	905	10551
	MEAN	40.9	42.4	46.1	51.7	57.6	64.0	67.2	67.5	61.7	53.3	46.3	42.0	53.4
-11	S.D.	5.975	5.553	5.224	6.266	7.161	7.545	6.332	6.453	5.815	5.013	6.160	6.437	11.406
	TOTAL OBS	883	827	910	880	916	873	901	886	879	904	890	919	10658
	MEAN	38.6	39.6	42.6	47.8	53.9	60.5	63.6	63.1	56.9	49.5	43.6	40.3	50.0
-12	S.D.	6.599	5.568	5.001	5.955	6.498	6.746	5.646	5.909	5.191	4.920	6.777	7.025	10.747
	TOTAL OBS	884	831	919	884	902	877	885	881	878	917	889	922	10669
	MEAN	36.1	38.4	40.2	43.6	49.1	55.0	58.1	58.3	53.7	47.6	42.7	39.7	47.0
1-23	S.D.	6.699	5.923	5.164	5.298	5.409	5.547	4.642	4.669	4.907	5.385	7.153	7.407	9.305
	TOTAL OBS	883	836	912	886	918	873	893	893	878	910	890	922	10694
	MEAN	38.8	39.2	41.8	45.6	51.4	57.5	60.6	60.7	56.1	49.3	44.0	40.3	48.8
ALL HOURS	S.D.	6.906	6.407	6.142	7.121	7.595	7.871	7.137	7.210	6.696	6.318	7.304	7.332	10.611
	TOTAL OBS	7053	6652	7278	7047	7288	6969	7128	7109	7022	7280	7102	7335	85263

USAFETAC FORM 0-89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] 8[illegible]COMBE DOWN UK 73-82

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	37.0	36.6	37.9	39.7	44.6	50.3	53.6	54.3	51.2	46.0	41.6	38.5	44.3
-		6.030	6.226	5.563	5.314	4.888	4.914	4.045	4.254	5.105	5.952	7.332	7.22[illegible]	6.551
	TOTAL OBS	878	830	909	883	915	873	896	876	882	919	885	916	17661
	MEAN	36.4	36.0	37.2	38.6	43.4	49.0	52.2	53.0	50.1	45.1	41.1	37.9	43.4
-		7.001	6.310	5.760	5.465	5.108	4.958	4.234	4.484	5.470	6.206	7.546	7.371	6.497
	TOTAL OBS	885	830	905	878	921	875	902	903	881	916	890	915	17702
	MEAN	36.2	35.6	37.5	39.6	45.6	51.0	54.4	54.3	50.8	45.1	41.1	37.9	44.1
-		7.162	6.549	5.740	5.431	4.812	4.470	3.721	4.092	5.363	6.315	7.850	7.512	6.984
	TOTAL OBS	884	837	911	881	918	868	879	878	868	917	887	915	17633
	MEAN	37.1	37.7	40.5	43.1	48.8	54.2	57.3	57.7	54.6	48.4	43.0	38.8	46.6
-		6.636	6.208	5.130	4.894	4.754	4.740	3.898	3.509	4.402	5.297	7.219	7.248	9.271
	TOTAL OBS	89[illegible]	836	904	883	910	868	899	898	879	901	890	920	17668
	MEAN	39.2	40.0	42.2	44.8	50.1	55.7	58.6	58.9	55.9	50.3	44.9	41.8	48.5
1 - 4		6.045	5.836	4.629	5.026	5.024	4.850	3.961	3.718	4.431	4.846	6.240	6.484	6.788
	TOTAL OBS	876	824	906	869	897	852	869	892	875	894	880	904	17548
	MEAN	38.9	39.8	42.0	44.9	50.2	55.9	58.7	59.1	55.6	49.7	43.9	40.2	48.3
- 7		5.899	5.659	4.771	4.957	5.077	4.849	3.789	3.656	4.560	4.903	6.356	6.459	6.906
	TOTAL OBS	883	827	910	880	916	872	895	886	879	904	890	919	17664
	MEAN	37.4	38.0	40.1	43.1	48.7	54.6	57.4	57.6	53.6	47.7	42.1	39.0	45.6
-		6.333	5.733	4.989	5.066	5.004	4.821	3.766	3.842	4.690	5.139	6.606	6.947	9.064
	TOTAL OBS	884	830	919	884	902	876	885	881	878	917	889	902	17667
	MEAN	36.9	37.1	38.6	40.9	46.1	52.0	55.0	55.4	51.9	46.4	41.4	38.6	45.0
1-23		6.530	5.987	5.248	5.062	4.791	4.680	3.910	3.901	4.907	5.507	7.117	7.184	8.702
	TOTAL OBS	883	836	912	886	916	872	893	892	878	910	890	922	17690
ANNUAL HOURS	MEAN	37.4	37.6	39.5	41.8	47.2	52.9	55.9	56.3	53.0	47.3	42.4	39.0	45.9
		6.667	6.251	5.575	5.637	5.502	5.348	4.536	4.505	5.316	5.860	7.200	7.127	9.023
	TOTAL OBS	7053	6650	7276	7044	7285	6966	7121	7106	7020	7278	7101	7333	85233

USAFETAC FORM 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

94. LOUCOMBE DOWN UK 73-82

HR		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	35.4	35.1	36.2	37.2	42.6	48.7	51.9	52.8	50.1	45.0	41.2	37.0	42.7
1-3	S.D.	7.356	6.884	6.229	6.060	5.645	5.337	4.383	4.644	5.423	6.281	7.814	7.613	6.974
	TOTAL OBS	876	830	909	883	915	873	896	876	882	919	885	915	10661
	MEAN	34.7	34.6	35.7	36.7	41.8	47.8	51.0	52.0	49.5	44.2	39.8	36.5	42.1
4-6	S.D.	7.465	6.886	6.341	5.994	5.583	5.326	4.426	4.742	5.654	6.539	8.061	7.724	6.939
	TOTAL OBS	885	830	905	878	921	875	902	903	881	916	890	916	10772
	MEAN	34.7	34.5	35.9	37.3	43.3	49.5	52.3	52.9	49.8	44.2	39.7	36.5	42.5
7-9	S.D.	7.639	7.210	6.416	6.085	5.504	4.954	4.233	4.332	5.675	6.615	8.340	7.892	6.259
	TOTAL OBS	884	837	911	881	906	866	879	878	868	917	887	915	10677
	MEAN	35.2	35.9	37.3	38.1	43.6	49.4	52.8	53.4	51.6	46.2	41.0	37.1	43.8
10-12	S.D.	7.306	7.374	6.367	6.[illegible]	5.258	5.797	5.111	4.780	5.332	5.971	7.951	7.782	6.244
	TOTAL OBS	881	836	914		910	868	899	898	879	901	890	910	10661
	MEAN	36.4	36.6	36.9	37.3	42.9	49.3	52.4	52.7	50.6	46.6	41.6	38.0	43.5
13-15	S.D.	6.937	7.236	6.929	6.950	6.921	6.091	5.191	5.376	5.663	6.302	7.795	7.324	6.286
	TOTAL OBS	876	824	906	869	897	862	869	892	875	894	880	904	10543
	MEAN	36.3	36.3	36.7	37.0	43.1	49.3	52.4	52.7	50.6	46.3	41.1	38.1	43.3
16-18	S.D.	6.766	7.123	6.930	7.129	6.960	6.092	4.947	5.429	5.779	6.263	7.626	7.243	6.211
	TOTAL OBS	883	827	910	880	916	872	898	886	879	904	890	919	10664
	MEAN	35.5	35.8	36.9	37.6	43.5	49.8	52.8	53.3	50.7	45.8	40.2	37.4	43.3
19-22	S.D.	6.880	6.746	6.278	6.706	6.547	5.864	4.509	5.104	5.483	5.994	7.561	7.521	6.154
	TOTAL OBS	884	830	919	884	902	876	885	881	878	917	889	902	10667
	MEAN	35.0	35.4	36.4	37.5	43.1	49.3	52.6	53.2	50.3	45.2	39.8	37.0	42.9
1-23	S.D.	7.090	6.723	6.124	6.166	5.863	5.235	4.329	4.557	5.437	6.055	7.639	7.567	9.042
	TOTAL OBS	883	836	912	886	916	872	893	892	878	910	890	902	10690
	MEAN	35.5	35.5	36.5	37.3	43.0	49.1	52.3	52.9	50.4	45.4	40.4	37.2	43.0
ALL HOURS	S.D.	7.199	7.019	6.475	6.458	6.205	5.626	4.682	4.901	5.590	6.313	7.876	7.672	9.114
	TOTAL OBS	7053	6650	7276	7044	7285	6966	7121	7106	7020	7278	7101	7333	85233

USAFETAC FORM 0-89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
4[illegible]	BOSCOMBE DOWN UK	73-82	JAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

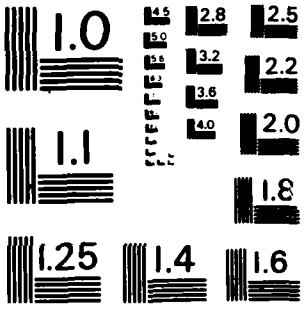
MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
JAN	00-02	100.0	100.0	100.0	100.0	100.0	99.7	97.[illegible]	89.3	59.6	[illegible].1	875
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	98.2	89.3	61.0	[illegible]	885
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	97.9	89.[illegible]	62.[illegible]	[illegible].6	884
	09-11	100.0	100.0	100.0	100.0	100.0	99.3	95.2	81.4	49.[illegible]	88.1	8[illegible]
	12-14	100.0	100.0	100.0	99.9	99.4	96.1	85.2	61.8	31.1	83.3	876
	15-17	100.0	100.0	100.0	100.0	99.8	98.0	88.8	66.9	3[illegible].5	84.2	883
	18-20	100.0	100.0	100.0	100.0	100.0	99.8	96.9	83.9	46.6	88.1	884
	21-23	100.0	100.0	100.0	100.0	100.0	99.9	98.1	88.1	56.9	89.9	883
TOTALS		100.0	100.0	100.0	100.0	99.9	99.1	94.7	81.2	49.5	88.1	7053

USAFETAC FORM 0-87-5 (OL A)

AD-A128 120 BOSCOMBE DOWN UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHER O..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83 5/5

UNCLASSIFIED USAFETAC/DS-83/006 SBI-AD-E850 370 F/G 4/2 NL

END
DATE
FILMED
5 83
DTIC



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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03466 BOSCOMBE DOWN UK 73-82 FEB

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	100.0	99.9	98.7	91.1	58.9	90.5	830
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.9	94.1	65.2	91.7	830
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	98.6	93.9	69.7	91.8	837
	09-11	100.0	100.0	100.0	100.0	100.0	99.6	92.8	80.0	52.0	88.2	836
	12-14	100.0	100.0	100.0	100.0	99.5	92.8	73.5	50.2	24.9	79.8	824
	15-17	100.0	100.0	100.0	100.0	99.2	91.1	74.4	51.0	22.9	79.6	827
	18-20	100.0	100.0	100.0	100.0	100.0	99.5	93.1	75.9	38.4	86.2	830
	21-23	100.0	100.0	100.0	100.0	100.0	99.9	97.5	86.4	50.4	89.0	836
TOTALS		100.0	100.0	100.0	100.0	99.8	97.8	90.9	77.8	47.8	87.1	6650

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03466 — STATION
BOSCOMBE DOWN UK — STATION NAME
73-82 — PERIOD
MAR — 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		
MAR	00-02	100.0	100.0	100.0	100.0	100.0	100.0	97.5	84.2	5[illegible].4	8[illegible].8	9[illegible]9
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	97.1	89.4	58.3	9[illegible].1	9[illegible]5
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	97.3	88.1	6[illegible].2	9[illegible].1	911
	09-11	100.0	100.0	100.0	99.7	98.6	92.9	79.3	54.0	29.6	81.0	9[illegible]4
	12-14	100.0	99.9	99.8	97.8	88.9	71.6	53.5	30.5	14.1	71.2	906
	15-17	100.0	100.0	99.6	96.9	86.6	72.0	55.4	36.7	15.3	71.7	91[illegible]
	18-20	100.0	100.0	100.0	100.0	98.4	92.3	79.4	57.2	26.0	80.8	919
	21-23	100.0	100.0	100.0	100.0	99.9	99.3	92.9	74.0	41.8	86.2	912
TOTALS		100.0	100.0	99.9	99.3	96.6	91.0	81.6	64.3	37.0	82.5	7276

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
3740	BOSCOMBE DOWN UK	73-82	APR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	99.8	97.8	91.2	69.4	33.1	84.7	883
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	96.6	83.0	46.0	87.9	878
	06-08	100.0	100.0	100.0	100.0	99.8	98.8	90.7	71.5	37.1	85.3	881
	09-11	100.0	100.0	100.0	99.1	92.9	75.3	52.8	28.3	12.2	71.5	883
	12-14	100.0	100.0	99.8	91.8	70.4	44.8	27.7	13.6	5.4	60.8	869
	15-17	100.0	100.0	98.4	87.4	64.4	43.9	26.9	13.2	4.3	59.4	880
	18-20	100.0	100.0	99.3	96.7	87.7	70.4	49.1	26.7	9.7	69.5	884
	21-23	100.0	100.0	100.0	99.8	97.6	91.8	75.4	52.1	20.9	79.5	886
TOTALS		100.0	100.0	99.7	96.9	89.1	77.8	63.8	44.7	21.1	74.8	7044

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
7480	BOSCOMBE DOWN UK	73-82	MAY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	99.9	99.2	97.4	90.9	76.5	50.1	86.8	915
	03-05	100.0	100.0	100.0	100.0	99.9	98.9	95.8	83.5	61.0	89.4	921
	06-08	100.0	100.0	100.0	99.9	99.7	96.3	88.9	69.3	38.3	84.7	908
	09-11	100.0	100.0	99.6	97.1	88.2	71.2	49.6	25.9	10.2	69.6	910
	12-14	100.0	99.7	96.4	89.6	73.6	47.7	30.5	14.4	6.5	61.0	897
	15-17	100.0	99.3	96.4	89.3	71.1	47.7	32.1	14.1	5.1	60.9	916
	18-20	100.0	99.7	98.9	95.6	86.6	71.6	54.0	27.3	10.8	69.9	902
	21-23	100.0	100.0	99.7	99.1	97.7	89.3	80.8	57.5	29.7	81.0	916
TOTALS		100.0	99.8	98.9	96.3	89.5	77.5	65.3	46.1	26.5	75.4	7285

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
37660	BOSCOMBE DOWN UK	73-82	JUN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.7	98.6	93.8	80.5	50.3	87.9	873
	03-05	100.0	100.0	100.0	100.0	99.9	99.3	97.9	89.6	61.9	90.8	875
	06-08	100.0	100.0	100.0	100.0	99.5	96.1	88.9	67.3	37.9	84.6	868
	09-11	100.0	100.0	99.8	97.5	90.1	69.9	49.0	23.8	10.0	69.5	868
	12-14	100.0	100.0	98.4	91.4	74.8	50.0	28.3	14.0	5.3	61.7	862
	15-17	100.0	99.4	97.5	91.1	74.9	48.1	29.4	12.4	4.6	61.1	872
	18-20	100.0	99.8	99.4	96.7	89.4	71.5	51.4	22.7	8.4	69.4	876
	21-23	100.0	100.0	100.0	99.5	98.2	93.6	83.6	59.5	28.0	82.0	872
TOTALS		100.0	99.9	99.4	97.0	90.8	78.4	65.3	46.2	25.8	75.9	6966

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

037460 BOSCOMBE DOWN UK 73-82 JUL

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	99.3	97.7	95.5	80.9	48.7	87.8	896
	03-05	100.0	100.0	100.0	100.0	99.8	99.0	97.1	90.7	65.7	90.7	902
	06-08	100.0	100.0	100.0	99.9	99.5	96.8	90.7	69.3	35.5	84.9	879
	09-11	100.0	99.9	99.6	98.3	92.8	75.5	49.9	21.8	8.2	70.2	899
	12-14	100.0	100.0	98.5	93.8	76.2	48.8	26.4	11.5	4.8	61.7	669
	15-17	100.0	100.0	98.7	93.8	73.4	46.3	24.8	11.0	4.5	60.7	898
	18-20	100.0	99.9	99.7	98.5	90.7	72.2	50.6	19.7	6.6	69.3	885
	21-23	100.0	100.0	100.0	100.0	99.0	95.9	87.1	60.0	24.2	82.4	893
TOTALS		100.0	100.0	99.6	98.0	91.3	79.0	65.3	45.6	24.8	76.0	7121

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
37660	BOSCOMBE DOWN UK	73-82	AUG

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	99.7	99.7	97.7	95.0	82.6	55.8	88.8	876
	03-05	100.0	100.0	100.0	99.9	99.8	99.7	98.7	91.1	70.7	92.1	903
	06-08	100.0	100.0	100.0	100.0	99.9	98.9	96.0	82.8	54.3	89.3	878
	09-11	100.0	100.0	99.2	97.7	92.9	75.8	55.5	28.8	12.2	71.8	898
	12-14	100.0	99.9	97.0	91.9	75.4	47.4	27.8	14.1	5.4	61.6	892
	15-17	100.0	99.8	96.4	90.5	72.1	49.4	30.6	14.8	6.5	61.7	886
	18-20	100.0	100.0	98.3	95.8	90.0	78.0	60.8	32.7	11.6	72.4	881
	21-23	100.0	100.0	100.0	99.4	98.1	94.1	88.0	69.1	34.5	84.0	892
TOTALS		100.0	100.0	98.9	96.9	91.0	80.1	69.1	52.0	31.4	77.7	7106

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
37461	BOSCOMBE DOWN UK	73-82	SEP

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.4	92.6	66.2	91.6	882
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.2	74.9	93.2	881
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.7	91.5	67.4	92.0	868
	09-11	100.0	100.0	100.0	100.0	99.0	90.8	74.5	44.8	21.8	78.8	879
	12-14	100.0	100.0	100.0	98.4	90.1	64.5	41.4	18.5	7.4	67.5	875
	15-17	100.0	100.0	100.0	97.4	88.4	68.8	46.2	19.5	9.1	68.4	879
	18-20	100.0	100.0	100.0	100.0	98.1	93.4	82.0	52.8	22.7	80.5	878
	21-23	100.0	100.0	100.0	100.0	100.0	99.8	96.9	81.1	47.9	88.3	878
TOTALS		100.0	100.0	100.0	99.5	97.0	89.7	80.0	62.0	39.7	82.5	7020

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
03946	BOSCOMBE DOWN UK	73-82	OCT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.7	95.2	71.5	92.6	919
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.7	95.0	77.1	93.6	916
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.8	95.0	74.5	93.4	917
	09-11	100.0	100.0	100.0	100.0	100.0	98.4	92.1	66.1	37.6	85.3	901
	12-14	100.0	100.0	100.0	100.0	97.3	86.7	66.7	35.9	16.3	75.[illegible]	894
	15-17	100.0	100.0	100.0	100.0	98.0	90.2	75.4	43.5	18.7	78.0	904
	18-20	100.0	100.0	100.0	100.0	100.0	99.3	95.6	78.7	43.3	87.4	917
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	98.9	92.5	62.0	91.0	910
TOTALS		100.0	100.0	100.0	100.0	99.4	96.8	91.0	75.2	50.1	87.1	7278

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
03680	BOSCOMBE DOWN UK	73-82	NOV

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	100.0	100.0	98.2	89.2	60.9	90.6	885
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	97.6	91.1	64.8	91.3	890
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.2	91.1	61.2	91.0	887
	09-11	100.0	100.0	100.0	100.0	100.0	99.6	93.9	74.5	41.1	86.9	890
	12-14	100.0	100.0	100.0	100.0	98.9	92.6	76.7	46.8	21.6	79.5	880
	15-17	100.0	100.0	100.0	100.0	99.9	96.3	84.5	57.6	25.6	82.3	890
	18-20	100.0	100.0	100.0	100.0	100.0	99.2	95.6	82.2	41.5	87.7	889
	21-23	100.0	100.0	100.0	100.0	100.0	99.7	97.6	86.9	51.7	89.4	890
TOTALS		100.0	100.0	100.0	100.0	99.9	98.4	92.8	77.4	46.1	87.3	7101

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

LATIVE HUMIDITY

57860 BOSCOMBE DOWN UK 73-82 DEC

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	100.0	100.0	97.9	90.9	60.3	90.5	915
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.5	91.6	63.6	90.9	916
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.3	91.3	62.5	91.0	915
	09-11	100.0	100.0	100.0	100.0	100.0	99.8	96.0	84.2	49.2	88.6	920
	12-14	100.0	100.0	100.0	100.0	100.0	98.8	87.6	65.3	32.3	84.0	904
	15-17	100.0	100.0	100.0	100.0	99.8	99.5	92.5	75.1	38.5	86.2	919
	18-20	100.0	100.0	100.0	100.0	99.9	99.7	98.7	87.4	54.3	89.5	922
	21-23	100.0	100.0	100.0	100.0	100.0	99.9	98.0	88.8	58.9	90.2	922
TOTALS		100.0	100.0	100.0	100.0	100.0	99.7	96.1	84.3	52.5	88.9	7333

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
3745C	BOSCOMBE DOWN UK	73-82	ALL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
JAN	ALL	100.0	100.0	100.0	100.0	99.9	99.1	94.7	81.2	49.5	88.1	7153
FEB		100.0	100.0	100.0	100.0	99.8	97.8	90.9	77.8	47.8	87.1	6650
MAR		100.0	100.0	99.9	99.3	96.6	91.0	81.6	64.3	37.0	82.5	7276
APR		100.0	100.0	99.7	96.9	89.1	77.8	63.8	44.7	21.1	74.8	7044
MAY		100.0	99.8	98.9	96.3	89.5	77.5	65.3	46.1	26.5	75.4	7285
JUN		100.0	99.9	99.4	97.0	90.8	78.4	65.3	46.2	25.8	75.9	6966
JUL		100.0	100.0	99.6	98.0	91.3	79.0	65.3	45.6	24.8	76.0	7121
AUG		100.0	100.0	98.9	96.9	91.0	80.1	69.1	52.0	31.4	77.7	7106
SEP		100.0	100.0	100.0	99.5	97.0	89.7	80.0	62.0	39.7	82.5	7020
OCT		100.0	100.0	100.0	100.0	99.4	96.8	91.0	75.2	50.1	87.1	7278
NOV		100.0	100.0	100.0	100.0	99.9	98.4	92.8	77.4	46.1	87.3	71[illegible]
DEC		100.0	100.0	100.0	100.0	100.0	99.7	96.1	84.3	52.5	88.9	7333
TOTALS		100.0	100.0	99.7	98.7	95.4	88.8	79.7	63.1	37.7	81.9	85233

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

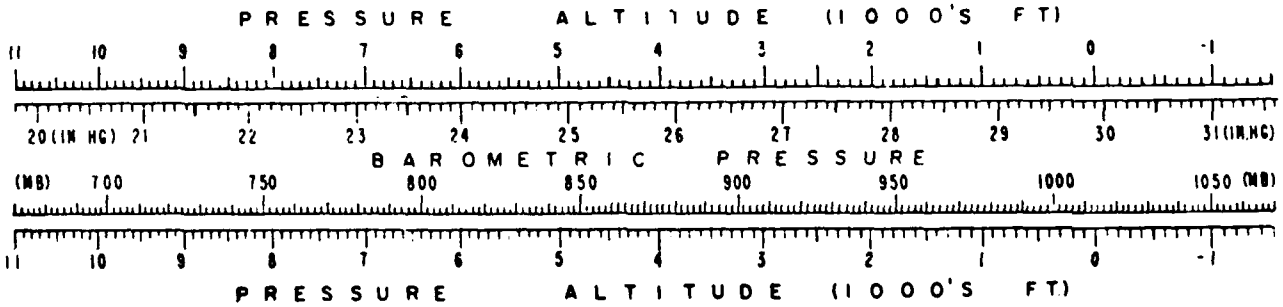
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury. DATA NOT AVAILABLE

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

037460 BOSCOMBE DOWN UK 73-82

STATION STATION NAME YEARS

HRS GMT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0	MEAN	1015.4	1014.2	1013.7	1018.4	1015.6	1017.7	1017.8	1017.8	1016.4	1014.1	1017.0	1013.0	1015.9
	S D	13.585	13.490	11.932	8.830	8.097	7.196	6.006	6.510	9.323	11.138	11.181	15.759	10.773
	TOTAL OBS	263	249	301	264	303	289	292	290	294	306	293	304	3445
3	MEAN	1014.8	1014.1	1013.1	1017.8	1015.4	1017.3	1017.1	1017.3	1016.0	1013.5	1016.4	1013.1	1015.5
	S D	13.794	13.728	11.952	8.949	8.100	7.351	6.384	6.597	9.339	11.183	11.265	15.495	10.603
	TOTAL OBS	262	249	301	264	307	290	298	292	294	304	295	302	3458
6	MEAN	1014.3	1013.9	1013.0	1017.9	1015.4	1017.3	1017.4	1017.4	1016.0	1013.6	1016.3	1012.8	1015.4
	S D	13.647	13.687	12.070	9.077	8.256	7.556	6.328	6.716	9.495	11.115	11.368	15.406	10.895
	TOTAL OBS	262	254	304	264	305	294	287	291	290	308	296	304	3459
9	MEAN	1015.0	1014.5	1013.5	1018.3	1015.6	1017.4	1017.5	1017.7	1016.4	1014.2	1016.9	1013.2	1015.8
	S D	13.977	13.781	11.825	8.964	8.160	7.608	6.347	6.746	9.591	11.011	11.445	15.401	10.876
	TOTAL OBS	263	252	300	264	300	286	291	296	289	297	297	309	3484
12	MEAN	1014.9	1014.4	1013.5	1017.8	1015.2	1017.3	1017.0	1017.4	1016.1	1013.8	1016.5	1013.1	1015.6
	S D	14.079	13.750	11.802	8.989	8.023	7.323	6.213	6.450	9.432	11.124	11.569	15.369	10.800
	TOTAL OBS	263	251	301	264	303	294	295	296	289	305	295	302	3455
15	MEAN	1014.1	1013.4	1012.6	1017.2	1014.8	1016.8	1016.8	1016.9	1015.6	1013.1	1015.9	1012.6	1015.0
	S D	13.976	13.689	11.546	8.837	7.895	7.098	5.935	6.256	9.143	10.897	11.530	15.261	10.675
	TOTAL OBS	262	246	298	263	303	291	295	284	291	301	296	304	3434
18	MEAN	1014.7	1013.9	1012.8	1017.3	1015.0	1016.7	1016.5	1016.9	1015.7	1013.7	1016.6	1012.9	1015.2
	S D	13.718	13.469	11.474	8.582	7.712	7.036	5.797	5.978	9.106	10.991	11.386	15.480	10.581
	TOTAL OBS	262	250	302	265	303	291	295	286	291	305	299	306	3455
21	MEAN	1015.3	1014.3	1013.6	1018.2	1015.7	1017.6	1017.5	1017.7	1016.4	1014.3	1017.0	1012.9	1015.9
	S D	13.524	13.553	11.602	8.647	7.776	7.152	5.860	6.218	9.223	10.881	11.403	15.908	10.687
	TOTAL OBS	263	251	305	263	305	290	293	294	294	305	296	306	3465
ALL HOURS	MEAN	1014.8	1014.1	1013.2	1017.9	1015.3	1017.3	1017.2	1017.4	1016.1	1013.8	1016.6	1013.0	1015.5
	S D	13.796	13.624	11.766	8.857	7.998	7.288	6.117	6.439	9.323	11.034	11.383	15.490	10.765
	TOTAL OBS	2094	2002	2412	2111	2429	2325	2346	2329	2332	2431	2367	2437	27615

USAFETAC FORM 0-64 0 89 5 (OLA)

END

DATE
FILMED

6-83

DTIC