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SURFACE WEATHER O..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. APR 84
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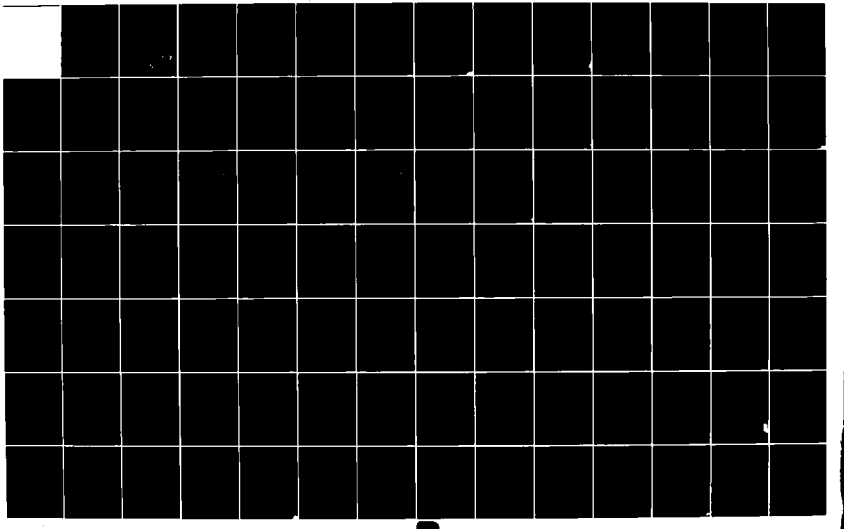

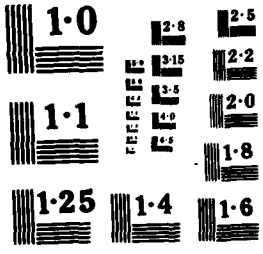
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USAFETAC/DS-84/014

AD-A146 913

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

ALCONBURY RAF UK MSC #035621
N 52 22 W 000 13 ELEV 160 FT EGWZ

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

PERIOD OF RECORD:
HOURLY OBSERVATIONS: JUN 73 - MAY 83
SUMMARY OF DAY DATA: SEP 55 - JAN 56, FEB 57 - MAY 83

TIME CONVERSION GMT TO LST: 0

02 APR 1984

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

Wayne E. McCallom

WAYNE E. MCCOLLOM
Chief, Document Reference Section
USAFETAC/LDX

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1 REPORT NUMBER: USAFETAC/DS-84/014	2 GOVT ACCESSION NO.: AD-A146913
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4 TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Alconbury RAF, 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: Apr 84
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16 DISTRIBUTION STATEMENT (of this Report)

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18 SUPPLEMENTARY NOTES

SUPERSEDES REPT. NO. USAFETAC/DS-79/100, AD-A078 350, NOV 77.

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 Alconbury RAF, 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

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
*United Kingdom *Alconbury RAF *UK035621
*Alconbury *Great Britain

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.

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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER DATA NOT AVAILABLE

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

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

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE DATA NOT AVAILABLE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: (0000-0259), 0300-0559, 0600-0859, 0900-1159, 1200-1459, 1500-1759, 1800-2059, 2100-2359 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 NO.
035621	ALCONBURY RAF STN ENGLAND	N 52 22	W 000 13	160	EGWZ	03562

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	Alconbury England	RAF	Sep 55	Jan 56	N 52 22	W 000 14	169	179	24
2	Same	Same	Feb 57	Apr 57	N 52 22	W 000 15	159	179	10
3	Same	Same	May 57	Oct 60	Same	Same	Same	Same	24
4	Same	Same	Nov 60	Mar 64	Same	Same	Same	162	24
5	Same	Same	Apr 64	Mar 66	Same	Same	161	Same	24
6	Same	Same	Apr 66	Dec 66	Same	W 00013	Same	Same	24
7	Same	Same	Jan 67	Jul 72	Same	Same	Same	163	24
8	Same	Same	Oct 72	23 Dec77	Same	Same	160	Same	24
9	Same	Same	24 Dec77	Jan 82	Same	Same	160	Same	22 Mon-Fri 10-Sat & UK Hol 6-Sun & US Hol
10	Same	Same	Jan 82	Aug 82	Same	Same	160	164	Same
11	Same	Same	Aug 82	Jun 83	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Sep 55	Located on catwalk around control tower	AN/GMQ-1	None	33 Ft	
2	15 Apr57	Located 670 ft SE of obs tower	Same	None	Ground Level	
3	5 Apr 60	Same	AN/GMQ-11	RO-2	Same	
4	2 Apr 62	Same	Same	Same	13 ft	
5	3 Apr 64	Located 700 ft SE of ROS	AN/GMQ-11	RO-2	13 ft	
6	1 Apr 65	Located 670 ft SE of ROS	Same	Same	Same	
7	4 Jan 68	Dual Instrumented				
		1. Adjacent to approach end of rnwy 12	AN/GMQ-11	RO-2	13 ft	
		2. Adjacent to approach end of rnwy 30	AN/GMQ-11		13 ft	

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	
8	4 Jan 71	Dual Instrumented				
		1. Located 720 ft from centerline and 1560 ft from end of rnwy 30	AN/GMQ-20	RO-362	13 ft	
		2. Located 520 ft from centerline and 1140 ft from end of rnwy 12	AN/GMQ-20		13 ft	
9	Jun 77	1. Same	Same	Same	13 ft	
		2. Same	Same		13 ft	
10	25 Aug 82	1. Same	Same	Same	13 ft	
		2. Same	Same		13 ft	
11	1 Jun 83	1. Same	Same	Same	13 ft	
		2. Same	Same		13 ft	

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PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

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WEATHER CONDITIONS

STATION: ... STATION NAME: ALCONBURY RAF UK YEARS: 74-82 MONTH: JAN

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SM/ ANI H	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	...-...		17.4		1.0		17.0	16.5	1.2			...0	619
	...-...		1.3		1.7		17.7	18.5	1.2			...4	745
	6-...		1.6	.1	4.5		...0	21.0	3.5			3.7	627
	9-14	.2	2.9	.2	4.5		13.7	18.6	1.4			10.2	719
	12-14		11.1	.2	3.4		15.5	14.7	1.2			...6	617
	15-17		...8	.2	2.4		14.1	15.4	1.2			...0	645
	18-2		11.1		2.3		...4	15.7	1.0			10.7	765
	21-23		11.2		.9		11.2	18.1	1.2			9.3	747
TOTALS		.2	11.4	.1	3.6		13.2	17.4	1.2			...1	8155

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WEATHER CONDITIONS

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF CLIMATIC CONDITIONS FOR HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[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]

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WEATHER CONDITIONS

[illegible] ALCONBURY REF NO
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]

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[illegible] WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-03		7.5		1.0		[illegible]	1.0	1.0			2.7	[illegible]
	3-6		1.2		.4		15.0	2.0	14.5			2.3	747
	6-9		1.9		.2		17.1	2.7	14.7			4.7	618
	9-12		17.4		.5		23.0	1.7	11.5			12.0	569
	12-15	.2	11.7		.5		13.2	4.1	11.9			11.0	767
	15-18	.4	11.4		1.6	.2	15.1	2.7	8.2			1.7	857
	18-21	.3	11.5		1.2		14.3	4.1	13.2			12.3	738
	21-24		9.9		.2		15.4	6.0	1.2			1.0	716
TOTALS		.1	1.0		.2	.0	11.1	10.0	1.4			22.4	5 46

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...ETAC
... WEATHER SERVICE/MAC

WEATHER CONDITIONS

(...) ALCONBURY RAF (...) | ...-... | MAY
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.
MAY	0-3		.e.				[illegible]	[illegible]	1.e.			[illegible]	[illegible]
	3-6		2.3				[illegible]	27.4	15.4			[illegible]	[illegible]
	6-9		1.e6		.e.		[illegible]	[illegible]	1.e4			[illegible]	[illegible]
	9-12	.2	1.e6		.1		1.e.	7.3	[illegible]			[illegible]	[illegible]
	12-15	1.7	2.e.				[illegible]	3.1	e.4			[illegible]	[illegible]
	15-18	.9	1.e1		.1		[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
	18-21	.4	1.e.				[illegible]	2.1	9.1			[illegible]	[illegible]
	21-24		1.e.		.1		[illegible]	4.5	[illegible]			[illegible]	[illegible]
TOTALS		.4	[illegible]		.1		[illegible]	9.5	[illegible]			[illegible]	[illegible]

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WEATHER CONDITIONS

[illegible] / STATION — ALCONBURY RAF UK / STATION NAME — [illegible] / YEARS — [illegible] / MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	0-[illegible]	.2	[illegible]				[illegible]	11.[illegible]	12.3			[illegible]	563
	[illegible]-4	.3	.3				4.3	7.1	14.8			4.[illegible]	765
	[illegible]-[illegible]	.7	.7		.[illegible]		.7	10.5	1.[illegible]			3.[illegible]	428
	9-11	.7	7.2				7.[illegible]	3.[illegible]	9.9			1.[illegible]	567
	12-14	1.1	8.[illegible]				9.[illegible]	.6	[illegible].1			[illegible].7	685
	15-17	1.9	11.5				11.[illegible]	.[illegible]	4.2			4.4	562
	18-20	1.[illegible]	1.[illegible]				1[illegible].[illegible]	1.[illegible]	1.4			[illegible].[illegible]	371
	21-23	.3	1.6				9.[illegible]	7.[illegible]	1.[illegible]			[illegible].4	667
TOTALS		.8	[illegible].0		.[illegible]		[illegible].[illegible]	[illegible].9	[illegible].[illegible]			[illegible].[illegible]	[illegible].[illegible]

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USAPETAC
[illegible] WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] STATION | MCCONNELL AFB KS STATION NAME | [illegible] YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
[illegible]	0-[illegible]	.9	[illegible]				[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
	[illegible]	.3	[illegible]				[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
	[illegible]	.6	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
	[illegible]	.2	[illegible]				[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
	[illegible]	.4	[illegible]				[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
	[illegible]	.8	[illegible]				[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
	[illegible]	1.3	[illegible]				[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
	[illegible]	.3	[illegible]				[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
TOTALS		.6	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]

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[illegible] WEATHER SERVICE/MAC

WEATHER CONDITIONS

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

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USAETAC
[illegible] WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] STATION | AL COMBINED RAF UK STATION NAME | [illegible] YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
[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]	

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[illegible] WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] STATION ALCONBURY RAF UK STATION NAME [illegible]-85 YEARS 061 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
061	00-03		14.9				21.9	23.6	13.9			37.5	665
	03-06		13.9				21.4	23.6	8.4			41.0	738
	06-09		14.2				21.2	26.6	11.9			41.5	712
	09-12	.1	12.2				15.2	20.4	15.4			36.7	635
	12-15		11.4				11.4	7.7	16.9			23.4	658
	15-17		14.6				14.6	5.5	16.5			22.4	638
	18-21		17.2				17.4	9.3	16.6			27.8	733
	21-23		10.7				10.7	13.4	10.4			31.4	655
TOTALS		.0	12.1				14.1	13.8	14.6			33.6	6,884

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...R WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] STATION ALCONBURY RAF UK STATION NAME [illegible]-[illegible] YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	0-2		10.5	.2			1..1	16.1	2..5			3..6	478
	3-5		14.4		.1		16.5	18.7	14.4			..2	726
	6-8		16.2		.6		16.4	20.3	19.8			..2	770
	9-11		14.2		.3		14.3	15.2	14.4			..7	795
	12-14	.1	13.6		.1		13.4	8.1	14.8			..5	829
	15-17		14.2		.5		14.5	8.1	14.9			27.4	825
	18-2	.1	11.2		.1		11.4	11.1	14.7			27.8	712
	21-23		1..7			.1	1..8	18.2	14.2			..2	665
TOTALS		.1	12.2	.1	.1	.1	1..1	14.2	15.4			29.1	58.5

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[illegible] WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] STATION | AL CONSUBY RAF [illegible] STATION NAME | [illegible] YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	0-[illegible]		[illegible]7		1.2		[illegible]	23.6	1.[illegible]			[illegible]	467
	[illegible]-0[illegible]		13.7		2.9		19.3	22.6	11.7			[illegible]	746
	[illegible]6-[illegible]		12.1		2.3		21.9	23.2	[illegible].7			[illegible]	824
	[illegible]-1[illegible]		11.7		1.7		17.3	20.3	13.3			[illegible]	668
	12-1[illegible]		11.[illegible]		2.3		15.[illegible]	16.2	15.[illegible]			[illegible].4	608
	15-17		1.[illegible]5		1.9		12.[illegible]	17.[illegible]	14.[illegible]			[illegible].1	529
	18-2[illegible]		12.5		1.2		13.[illegible]	[illegible].1	15.[illegible]			[illegible].3	767
	[illegible]1-2[illegible]		1.[illegible]3		1.1		13.[illegible]	23.3	1[illegible].[illegible]			[illegible].6	738
TOTALS			11.5		1.8		15.6	[illegible].8	1.[illegible]6			23.[illegible]	[illegible]235

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[illegible] WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] STATION ALCONBURY RAF UK STATION NAME [illegible] YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.1	11.4	.1	1.		1[illegible]	17.4	1[illegible].2			[illegible]	6166
FEB			12.4	.3	3.5		15.1	23.8	1[illegible].8	.1		40.[illegible]	5699
MAR		.0	1[illegible].1		[illegible].1	.1	18.4	13.7	1.4			[illegible].3	6747
APR		.1	11.1		.0	.1	11.5	10.8	1[illegible].6			[illegible].4	5[illegible]9
MAY		.4	10.5		.1		11.6	9.5	1.[illegible]			[illegible].2	6[illegible]69
JUN		.8	9.3		.2		[illegible].3	8.9	1.1			[illegible].0	6[illegible]28
JUL		.6	8.[illegible]			.1	[illegible].0	6.7	9.3			15.7	[illegible]776
AUG		.8	3.9				8.9	12.5	15.[illegible]			[illegible].[illegible]	6499
SEP		.3	[illegible].6				9.8	9.6	13.4			[illegible].9	61.3
OCT		.0	12.1				12.1	14.8	14.6			33.0	6[illegible]69
NOV		.0	12.9	.6	.2	.1	1[illegible].1	14.2	19.1			[illegible].2	5[illegible]15
DEC			11.8		1.8		12.9	[illegible].8	13.8			[illegible].[illegible]	623
TOTALS		.3	11.2	.[illegible]	1.[illegible]	.[illegible]	12.[illegible]	13.2	1[illegible].3	.[illegible]		[illegible].[illegible]	73[illegible].6

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

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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

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WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

STATION	STATION NAME	YEARS	MONTH
[illegible]	ALCONBURY RAF UK	[illegible]	ALL

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.6	58.9	1.4	18.1	1.[illegible]	65.7	56.6	69.8	1.2		31.3	629
FEB		.3	54.5	.8	19.6	.3	62.1	57.1	73.6	.5		82.8	749
MAR		1.3	61.2		13.9	1.6	64.7	51.3	69.9	.1		77.4	927
APR		2.1	60.6		5.6	1.8	61.3	41.1	56.3			72.8	870
MAY		6.2	58.6		.7	1.6	58.6	44.2	68.7			75.2	928
JUN		8.9	54.4		.1	.6	51.4	44.1	66.7			71.5	775
JUL		8.4	54.2			.4	54.2	42.3	67.5			72.4	775
AUG		9.2	56.8			.4	56.6	54.2	69.9			76.3	775
SEP		4.4	53.8			.3	57.5	55.7	73.7			74.[illegible]	765
OCT		.9	55.7		.1		55.7	62.5	74.6			80.3	808
NOV		1.4	62.8		4.4		63.4	56.9	7[illegible].4		.1	79.[illegible]	768
DEC		.1	61.2	.4	11.2	.4	64.8	60.2	7[illegible].6	.2	.1	82.6	816
TOTALS		3.6	57.5	.2	6.1	.7	59.3	52.2	70.3	.2	.0	77.5	9514

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
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

GLOBAL CLIMATOLOGY BRANCH
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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

C35621 — STATION
ALCONBURY RAF UK — STATION NAME
55-83 — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 1.00	1.01 2.50	2.51 5.00	5.01 10.00	10.01 20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 10.4	10.5 15.4	15.5 25.4	25.5 50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120					
JAN	31.3	20.0	5.4	13.9	8.8	13.4	5.7	1.4						48.7	828	1.91	3.27	.64
FEB	35.5	22.6	5.5	13.1	7.8	9.7	4.6	1.2						41.9	733	1.40	3.58	.08
MAR	32.1	23.3	7.1	12.7	8.1	9.6	5.3	1.4	.5					44.5	806	1.94	5.14	.17
APR	34.0	19.4	7.6	12.5	9.6	10.4	5.5	.9	.1					46.6	779	1.63	3.48	.00
MAY	37.5	19.7	5.3	12.3	6.6	11.3	5.2	1.6	.5					42.8	829	1.81	4.21	.47
JUN	45.2	17.4	4.9	9.8	5.3	8.8	5.0	2.6	.9					37.3	774	2.04	5.06	.10
JUL	41.7	22.6	4.5	9.3	6.1	7.9	5.6	1.4	.9					35.7	774	1.98	5.47	.03
AUG	39.5	18.8	6.7	12.3	5.8	9.3	4.5	1.8	1.3					41.7	775	2.20	4.99	.41
SEP	43.6	20.0	4.0	8.7	6.0	9.9	5.2	1.7	.7					36.4	745	1.93	3.83	.03
OCT	41.8	19.2	4.2	13.0	6.3	8.5	4.3	2.5	.1					39.0	790	1.76	4.48	.16
NOV	31.7	21.4	6.5	13.7	6.0	11.9	6.7	1.9	.1					46.9	780	1.91	4.30	.63
DEC	31.0	22.6	5.8	12.9	7.6	13.0	5.1	1.8	.2					46.4	829	2.00	5.15	.48
ANNUAL	37.1	20.6	5.6	12.0	7.0	10.3	5.2	1.7	.4					42.3	9442	22.51		

USAFETAC FORM OCT 78 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

C35621 (STATION) ALCONBURY RAF UK (STATION NAME) 55-83 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
55									* .33	.66	.30	.22	
56	* .68												
57	*	.33	*	.00	.87	.58	.31	1.02	.54	.44	.56	.65	
58	.70	.53	.43	.34	.38	1.15	.38	.50	.52	.62	.41	.35	1.15
59	.60	.06	.43	.16	.34	.28	1.30	.16	.03	.77	.49	.61	1.30
60	.57	.51	1.37	.12	.70	.98	.77	.62	1.12	.72	.75	.61	1.37
61	.31	.27	.16	.36	.42	.70	.38	.32	.41	.35	.51	.74	.74
62	.38	.17	.27	.54	.38	.03	.49	.47	.53	.44	.15	.74	.74
63	.38	.26	1.64	.32	.48	.50	.43	.82	.85	.62	.39	.15	1.64
64	.31	.32	1.33	.57	.23	.86	.47	.55	.75	.11	.29	.22	1.33
65	.33	.18	.41	.28	.36	.34	.47	.49	1.07	.20	.46	.60	1.07
66	.21	.57	.29	.39	.29	2.24	.34	1.42	1.01	.69	.44	.47	2.24
67	.21	.46	.51	.46	.70	1.03	.69	.37	.24	.59	.29	.37	1.03
68	.39	.35	.19	.41	.57	.52	2.08	1.78	1.41	.68	.36	.32	2.08
69	.71	.83	.48	.21	1.27	.91	.78	.22	.09	.25	.73	.24	1.27
70	.52	.35	.73	.49	.71	1.77	.37	1.75	.44	.30	.78	.28	1.77
71	.92	.18	.50	.68	.78	.64	.20	.67	.27	.93	.40	.41	.93
72	.35	.18	.42	.46	.20	.51*	.02		*	.12	.84	.79	
73	.17	.31	.22	.41	.67	1.15	1.60	.23	.28	.31	.28	.29	1.60
74	.37	.80	.14	.14	.33	.67	.77	1.06	.71	.54	1.05	.20	1.06
75	.47	.21	.57	.37	1.05	.26	.44	.16	.81	.07	.28	.49	1.05
76	.22	.20	.19	.44	.40	.38	1.01	2.07	1.30	.65	.44	.64	2.07
77	.61	.60	.24	.41	.22	.96	.18	1.27	.13	.31	.37	.76	1.27
78	.31	.32	.35	.33	.72	.94	.99	.55	.52	.13	.23	1.23	1.23
79	.41	.54	.98	.42*	1.35*	.21	.32	.65	.32	.85	.19*	1.01	* 1.35
80	* .63	.37	.59	.35	.47	.34*	.73	1.16	.22	1.29*	.52*	.42	1.29
81	* .50*	.53	1.20*	1.32*	.57	.51*	.33	.67	.55*	.93*	.40*	.24	* 1.32
82	* .52	.22	.85	.26	1.35*	1.11	.33	.47*	.13	*	.95	.37	
83	.37*	.25	.61	.76	.65								
MEAN	.424	.366	.521	.387	.582	.756	.657	.770	.588	.522	.457	.490	1.367
S D	.184	.270	.411	.183	.310	.490	.473	.533	.384	.294	.223	.255	.431
TOTAL OBS	828	733	816	779	829	774	774	775	745	790	780	829	9442

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 00 0-80-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

075521 (STATION) ALCONBURY RAF UK (STATION NAME) 55-57 (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
55									* .33	1.92	1.07	1.37	
56	* 2.43												
57	* .48	* .00	1.81	1.49	1.86	1.65	3.05	1.41	1.28	1.39			
58	2.86	2.41	1.55	.88	1.81	4.47	1.38	1.72	2.48	1.88	1.23	1.92	24.59
59	2.55	.08	1.84	1.00	.47	.87	4.18	.51	.03	1.54	2.36	3.62	19.05
60	2.21	1.41	2.54	.33	1.20	2.76	2.85	2.11	3.83	4.31	3.61	2.45	29.61
61	2.00	1.72	.17	2.17	.92	1.20	1.90	1.11	1.75	2.15	1.18	3.46	19.73
62	1.66	.64	.88	1.96	1.39	.10	1.58	1.90	2.75	.98	1.11	1.86	16.81
63	1.66	.60	3.84	2.16	1.83	1.67	1.37	2.77	2.29	1.32	2.98	.44	22.93
64	.86	.71	3.19	2.00	1.06	3.78	1.75	1.33	1.13	.43	.97	.98	17.79
65	1.75	.60	2.45	1.53	1.40	1.78	1.90	1.87	3.25	.39	2.11	3.51	22.54
66	1.09	2.29	.53	3.11	1.47	3.10	2.28	3.49	1.49	2.85	1.86	2.26	25.82
67	.77	2.06	1.21	1.92	3.04	1.29	1.65	1.44	1.48	3.31	1.25	1.61	21.03
68	1.57	.97	.55	1.18	1.33	2.06	5.47	4.28	3.71	1.40	1.49	1.54	25.55
69	2.47	2.28	1.42	1.01	4.21	1.67	1.79	1.51	.27	.45	2.81	1.82	21.71
70	2.83	1.97	1.90	2.92	1.10	2.89	1.83	3.96	1.45	.74	4.07	1.30	26.96
71	3.27	.41	1.31	1.59	2.09	2.70	.44	2.01	1.07	2.40	1.86	1.05	20.20
72	2.27	1.15	2.00	1.55	1.20	1.59*	.03			* .16	2.66	2.40	
73	.64	.64	.56	1.72	2.89	3.20	4.16	.55	1.89	1.05	.99	1.33	19.62
74	1.99	2.10	.79	.44	1.05	2.35	1.92	4.38	2.68	3.14	4.30	.97	26.02
75	1.99	.61	3.58	1.93	3.08	.79	2.07	.41	2.53	.23	1.17	1.35	19.74
76	.89	.58	.59	.78	1.41	.44	1.28	2.71	3.66	4.48	2.18	2.25	21.25
77	2.59	3.58	1.61	1.14	.98	2.89	.41	4.99	.49	.63	1.36	2.14	22.81
78	1.90	1.31	1.50	1.56	2.05	2.09	2.38	1.88	1.20	.17	.63	5.15	21.82
79	2.46	2.07	3.67	2.79*	3.00*	.89	.79	2.17	.75	2.56	1.35*	3.63	*26.13
80	* 1.87	2.43	3.17	.92	.96	2.36*	3.42	2.86	.50	2.47*	1.60*	1.49	*23.98
81	* 1.67*	1.31	5.14*	3.40*	2.70	1.37*	1.21	1.31	2.62*	2.58*	1.52*	.91	*25.74
82	* 2.31	.98	2.09	.73	2.95*	5.06	.66	2.10*	.22	*	1.91	1.74	
83	1.55*	1.42	1.40	3.48	3.65								
MEAN	1.906	1.400	1.935	1.632	1.81	2.038	1.978	2.201	1.931	1.759	1.912	1.996	22.279
SD	.721	.874	1.262	.831	.952	1.060	1.223	1.227	1.137	1.239	1.021	1.054	3.301
TOTAL OBS	828	733	806	779	829	774	774	775	745	790	780	829	9442

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-5 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

035621 ALCONBURY RAF UK 55-83
STATION STATION NAME YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02 .05	.06 .10	.11 .25	.26 .50	.51 1.00	1.01 2.50	2.51 5.00	5.01 10.00	10.01 20.00	OVER 20.00				MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 10.4	10.5 15.4	15.5 25.4	25.5 50.4	OVER 50.4						
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120						
JAN	91.7	11.6	1.8	3.1	1.2	.7	.2								7.1	828	2.6	11.2	.0
FEB	78.6	13.8	3.4	2.3	.8	.5	.3	.3							7.7	732	2.2	14.1	.0
MAR	85.1	12.3	1.2	.4	.7			.1	.1						2.6	806	1.1	7.4	.0
APR	93.8	4.8	.9	.6											1.5	800	.2	1.5	.0
MAY	99.3	.7														829	TRACE	TRACE	.0
JUN	99.9	.1														775	TRACE	TRACE	.0
JUL	100.0															774	.0	.0	.0
AUG	100.0															775	.0	.0	.0
SEP	100.0															759	.0	.0	.0
OCT	100.0															790	.0	.0	.0
NOV	98.8	3.8	.8	.4	.1		.1								1.4	781	.4	5.0	.0
DEC	87.8	8.1	1.7	1.2	.6	.2	.1		.2						4.1	831	1.4	12.7	.0
ANNUAL	93.4	4.6	.8	.7	.3	.1	.1	.0	.0						2.0	9480	7.9		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

[illegible] ALCONBURY RAF UK 55-83
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
55									*	.0	.0	TRACE	
56	* 3.1												
57		*TRACE	*	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	
58	1.0	4.1	6.0	.3	.0	.0	.0	.0	.0	.0	.0	.9	6.0
59	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	2.0
60	2.8	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.8
61	TRACE	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	7.4	7.4
62	2.1	1.7	.8	.0	.0	.0	.0	.0	.0	.0	1.0	7.4	7.4
63	3.4	.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.2	3.4
64	1.5	TRACE	2.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.5	2.2
65	1.9	.7	2.2	TRACE	.0	.0	.0	.0	.0	.0	1.5	.0	2.2
66	1.4	2.4	.1	1.1	.1	.0	.0	.0	.0	.0	TRACE	TRACE	2.4
67	.3	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.4	2.4
68	3.0	TRACE	TRACE	1.1	.0	.0	.0	.0	.0	.0	.0	.8	3.0
69	1.5	5.3	.3	TRACE	.0	.0	.0	.0	.0	.0	3.7	1.7	5.3
70	1.0	3.5	7.3	.8	.1	.0	.0	.0	.0	.0	.2	1.1	7.3
71	TRACE	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.4	TRACE	1.0
72	TRACE	1.2	.5	.0	.0	.0*	.0		*	.0	.0	.0	
73	.2	.2	TRACE	.5	TRACE	.0	.0	.0	.0	.0	.6	TRACE	.6
74	.1	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5
75	.6	.0	.2	.2	.0	TRACE	.0	.0	.0	.0	.0	TRACE	.6
76	TRACE	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.2
77	3.6	1.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	3.6
78	1.4	2.0	1.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.6	2.0
79	4.0	3.0	1.9	TRACE*	TRACE*	.0	.0	.0	.0	.0	.0*	TRACE	4.0
80	* 1.2	TRACE	TRACE	.0	.0	.0*	.0	.0	.0	.0	*TRACE	*TRACE	* 1.2
81	* 1.1	1.2	TRACE*	TRACE*	.1	.0*	.0	.0	.0*	.0*	.0*	4.3	* 4.3
82	* 3.3	1.0	TRACE	.0	TRACE	.1	.0	.0*	.0	*TRACE	TRACE		
83	1.8*	3.1	TRACE	TRACE	.0								
MEAN	1.49	1.20	.93	.16	TRACE	TRACE	.00	.00	.00	.00	.31	1.15	3.27
S D	1.259	1.470	1.837	.341	.000	.000	.000	.000	.000	.000	.813	2.097	2.253
TOTAL OBS	828	732	806	800	829	775	774	775	759	790	781	831	9480

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AS 20 0-80-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

03622 (STATION) ALCONBURY RAF UK (STATION NAME) 55-63 (YEARS)

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
55									*	.0	.0	TRACE	
56	* 5.7												
57		*TRACE		* .0	.0	.0	.0	.0	.0	.0	.0	TRACE	
58	1.0	6.1	0.0	.3	.0	.0	.0	.0	.0	.0	.0	1.0	14.4
59	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	3.6
60	4.7	1.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.0
61	TRACE	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	9.5	9.6
62	2.6	2.1	1.1	.0	.0	.0	.0	.0	.0	.0	1.0	7.6	14.4
63	11.2	3.7	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.2	15.1
64	2.5	TRACE	2.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.9	5.7
65	4.7	.9	4.0	TRACE	.0	.0	.0	.0	.0	.0	1.5	.0	10.4
66	3.9	3.4	.1	1.4	.0	.0	.0	.0	.0	.0	TRACE	TRACE	8.8
67	.4	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.5	2.9
68	5.2	TRACE	TRACE	1.5	.0	.0	.0	.0	.0	.0	.0	.9	7.6
69	1.0	14.1	.3	TRACE	.0	.0	.0	.0	.0	.0	5.0	3.8	24.7
70	1.1	7.1	7.4	1.5	.0	.0	.0	.0	.0	.0	.2	1.3	18.5
71	TRACE	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.5	TRACE	1.6
72	TRACE	1.2	.5	.0	.0	.0*	.0		*	.0	.0	.0	
73	.1	.4	TRACE	.5	TRACE	.0	.0	.0	.0	.0	.6	TRACE	1.6
74	.0	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5	.6
75	.6	.0	.2	.5	.0	TRACE	.0	.0	.0	.0	.0	TRACE	1.3
76	TRACE	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.3
77	3.6	1.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	5.4
78	1.4	2.6	1.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.6	6.1
79	10.5	6.9	4.3	TRACE*	TRACE*	.0	.0	.0	.0	.0	.0*	TRACE	* 21.7
80	* 1.3	TRACE	TRACE	.0	.0	.0*	.0	.0	.0	.0	*TRACE	*TRACE	* 1.3
81	* 1.2	1.8	TRACE*	TRACE*	.0	.0*	.0	.0	.0*	.0*	.0*	12.7	* 15.7
82	* 5.2	1.0	TRACE	.0	TRACE	.0	.1	.0*	.0		*TRACE	TRACE	
83	1.8*	6.8	TRACE	TRACE	.0								
MEAN	2.56	2.19	1.11	.23	TRACE	TRACE	.00	.00	.00	.00	.37	1.37	8.13
S D	3.093	3.307	2.033	.489	.000	.000	.000	.000	.000	.000	1.057	2.465	6.472
TOTAL OBS	828	732	800	800	829	775	775	775	759	790	781	831	9480

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 00-5 0-80-5 (OEA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

039621 (STATION) ALCONBURY RAF UK (STATION NAME) 55-83 (YEARS)

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 100	1 01 2 50	2 51 5 00	5 01 10 00	10 01 20 00	OVER 20 00				MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1 0 4	0 5 1 4	1 5 2 4	2 5 3 4	3 5 4 4	4 5 6 4	6 5 10 4	10 5 15 4	15 5 25 4	25 5 50 4	OVER 50 4						
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120						
JAN	84.3	5.9	1.9	1.9	1.8	3.6	.5								9.8	828			
FEB	88.6	3.2	3.9	2.5	.8	.8	.1								8.2	721			
MAR	96.3	2.3	.6	.4	.1	.4									1.5	827			
APR	99.6	.3	.1												.1	800			
MAY	100.0															829			
JUN	100.0															775			
JUL	100.0															774			
AUG	100.0															775			
SEP	100.0															759			
OCT	100.0															790			
NOV	98.8	1.2														781			
DEC	94.1	2.0	1.9	.5	.2	1.0	.2								3.9	831			
ANNUAL	96.8	1.2	.7	.4	.2	.5	.1								.0	9490			

USAFETAC FORM OCT 75 0 15 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

035621 (STATION) ALCONBURY RAF UK (STATION NAME) 55-83 (YEARS)

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
55									*	0	0	0	
56	* 4												
57	*	0*	0*	0	0	0	0	0	0	0	0	0	
58	1	2	1	0	0	0	0	0	0	0	0	1	2
59	1	0	0	0	0	0	0	0	0	0	0	0	1
60	3	0	2	0	0	0	0	0	0	0	0	1	3
61	0	0	0	0	0	0	0	0	0	0	0	7	7
62	8	2	TRACE	0	0	0	0	0	0	0	0	7	8
63	7	2	TRACE	0	0	0	0	0	0	0	0	TRACE	7
64	0		0	0	0	0	0	0	0	0	0	0	
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	1	0	0	0	0	0	0	0	1	1
69	TRACE	6	1	0	0	0	0	0	0	0	TRACE	TRACE	6
70	TRACE	4	5	TRACE	0	0	0	0	0	0	0	2	5
71	0	TRACE	0	0	0	0	0	0	0	0	TRACE	0	TRACE
72	TRACE	0	TRACE	0	0	0*	0		*	0	0	0	
73	0	TRACE	0	0	0	0	0	0	0	0	TRACE	0	TRACE
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	1	0	1	0	0	0	0	0	0	0	0	0	1
76	1	0	0	0	0	0	0	0	0	0	0	1	1
77	TRACE	2	0	0	0	0	0	0	0	0	0	0	2
78	2	2	2	TRACE	0	0	0	0	0	0	TRACE	1	2
79	6	*	2	0*	0*	0	0	0	0	0	0*	TRACE	6
80	*TRACE	0	0	0	0	0*	0	0	0	0*	TRACE*	0	*TRACE
81	*TRACE	1	0*	0*	0	0*	0	0	0*	0*	0*	5	* 5
82	* 5	TRACE	0	0	0	0	0	0*	0	*	0	0	
83	2*	3	0	0	0								
MEAN	1.5	1.1	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	.9	2.6
SD	2.391	1.991	1.104	.200	.000	.000	.000	.000	.000	.000	.000	1.963	2.910
TOTAL OBS	828	721	827	800	829	775	778	775	759	790	781	831	9490

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-6 (OL-A)

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."

C

*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.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

035621 ALCONBURY RAF UK 59-83
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
59				SSW*30	NE 28	SSW 21	W 36	SW 27	S* 28	W 46	SSE 35	SSW 42	
60	W 39	SW 41	WNW 45	W 45	NE 30	SW 38	WSW 33	W 31	NNW 34	NW 29	SW 40	W 49	W 49
61	SW 40	W 48	WSW 31	WSW*31	W *34	WSW 28	WNW 33	SSW*42	SW *36	NNW*43	SW *39	SW 49	SW 49
62	WSW 61	ENE 52	SW 32	SSW 46	NW 37	SW *32	SW 30	N *39	S *33	W *28	N 39	WNW*56	WSW 61
63	ENE*41	ESE*26	WSW*38	SSE 34	SSW*31	WNW 32	SSW 27	WSW*37	SW *34	SW *26	WSW 46	SW 28	WSW 46
64	WNW 27	W 23	WNW 32	NNE 31	W SW 39	ENE 26	WSW 29	SSW 29	WSW 35	SW 32	W 35	WNW 40	WNW 40
65	WSW 40	W 38	SW 29	WNW 37	W 37	WSW 41	WSW 30	WNW 30	S 41	SW 36	WSW 45	WNW 51	WNW 51
66	W 36	SW* 41	W 50	N 34	WSW 42	WNW 33	SW 34	SW 38	WSW 37	SE 30	WNW 44	S 42	W 50
67	WSW 32	SW 51	WNW 37	NNW 35	S* 36	SW 32	WSW 37	W 27	SW 43	W 43	WNW 34	N 29	SW 51
68	WSW 39	ESE 29	NNW 44	SW 36	WSW 33	SW 35	18/	51 29/	31 23/	39 23/	29 34/	39 25/	36 18/ 51
69	14/	33 25/	36 25/	33 27/	44 29/	30 36/	28 29/	30 36/	32 25/	32 32/	30 25/	37 18/	31 27/ 44
70	30/	27 29/	46 30/	35 34/	33 30/	33 30/	35 29/	36 25/	40 29/	40 31/	45 26/	50 30/	39 26/ 50
71	21/	32 31/	40 29/	30 11/	30 14/	27 30/	32 27/	29 25/	31 27/	29 20/	35 33/	40 24/	35 31/ 47
72	33/	44 17/	37 28/	40 29*	32 25/	42 21/	33 32*	23		35*	27 30/	48 21/	41
73	24/	27 29/	37 33/	36 28/	48 30/	36 35/	27 29/	24 26/	36 33/	33 28/	38 29/	36 32/	42 28/ 48
74	27/	54 20/	44 29/	35 6/	26 2/	26 27/	38 30/	39 29/	30 23/	48 29/	40 29/	42 27/	46 27/ 56
75	24/	55 29/	30 20/	33 29/	40 3/	38 32/	33 23/	28 30/	28 24/	46 30/	38 34/	43 32/	43 24/ 55
76	28/	65 36/	40 26/	32 32/	33 29/	35 30/	31 20/	25 32/	26 10/	50 25/	39 19/	38 16/	31 28/ 65
77	25/	41 20/	37 30/	41 30/	47 6/	33 33/	34 28/	29 23/	31 21/	34 27/	40 30/	54 24/	45 30/ 54
78	36/	51 26/	30 28/	45 34/	31 32/	30 2/	26 2/	26 22/	24 29/	37 25/	27 21/	40 7/	35 36/ 51
79	21/	42 3/	38 23/	39 22/	39 21*	35 34*	31 32/	26 22/	43 28/	31 10/	27 23/	34 25/	45 25/ 45
80	16/	40 22/	29 23/	40 33/	33 4/	25 18/	30 33/	32 32/	30 24/	37 4/	36 26*	40 30/	43 30/ 43
81	29/	47 21*	38 21*	38 2*	42 20/	34 21/	30 29/	28 2*	28 22/	34 22/	35 29*	41 2*	35 29/ 47
82	1*	36 20/	37 28/	45 25/	33 31/	36 30/	27 2*	27 21/	34 36*	23	18*	35 27/	54
83	27/	47 26*	48 28/	46 36/	38 29/	28							
MEAN	42.1	38.3	37.7	36.8	33.3	31.8	31.4	31.5	37.3	35.6	40.7	40.6	50.3
S D	10.663	7.457	6.109	6.153	4.854	4.031	5.933	4.869	6.181	5.824	5.750	7.149	6.241
TOTAL OBS	725	659	726	719	755	728	704	692	647	674	671	718	8398

NOTES * (BASED ON LESS THAN FULL MONTHS)

$ (BASED ON LESS THAN FULL MONTHS AND *100 KNOTS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03521 (STATION) ALCONBURY RAF UK (STATION NAME) 74-77,79,82-83 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

0000-0300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	1.0	.2								1.9	7.9
NNE			.2	.2								.5	10.0
NE	.2	.5	.7	.2								1.7	7.7
ENE			.2	.2								.5	11.2
E		.5			.2							.7	9.0
ESE	.2	1.2	.5	.5	.2							2.6	8.2
SE	.2	.5	1.2	1.2								3.1	9.4
SSE	.7	1.2	1.2	1.7	.5							5.3	9.1
S	1.2	3.3	4.5	4.8	1.9	.7						16.2	10.5
SSW	1.4	3.1	3.3	2.6	.2							10.7	8.1
SW	.7	3.1	4.3	2.9	.5							11.5	8.9
WSW	.5	3.6	5.2	3.8	1.2	.2						14.3	10.0
W	1.0	3.1	4.5	5.3	.5							14.3	9.6
WNW	.2	1.0	1.0	1.0	.2	.5	.5	.2				4.5	14.5
NW		1.2	1.4	.5			.2					3.3	9.4
NNW	.5	.2	.5	1.7	1.0							3.8	12.2
VARBL			.2									.2	8.0
CALM												5.3	
	6.7	23.2	29.6	26.7	6.8	1.8	.7	.2				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 410

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

~~75621~~ STATION ~~ALCONBURY RAF UK~~ STATION NAME ~~74-83~~ YEARS ~~JAN~~ MONTH

ALL WEATHER CLASS ~~0300-0500~~ HOUR (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.4	1.5	.5		.4						~~5.8~~	~~7.4~~
NNE	.3	.3										~~.6~~	~~3.5~~
NE	.5	.8	.7									~~2.0~~	~~5.6~~
ENE	.1	.3	.1	1.3								~~1.9~~	~~11.1~~
E		.5	.5	.7								~~1.7~~	~~9.9~~
ESE	.3	.3	.5	.4								~~1.5~~	~~7.1~~
SE	.1	.3	.4	.5	.3							~~1.6~~	~~11.0~~
SSE	.1	1.6	1.5	1.1	.1							~~4.4~~	~~8.3~~
S	1.6	2.8	3.6	3.4	1.2	.5						~~13.2~~	~~10.0~~
SSW	2.2	3.5	3.0	2.6	.7	.1						~~12.2~~	~~8.0~~
SW	.9	1.4	5.1	4.4	.4							~~14.2~~	~~8.9~~
WSW	1.1	3.0	3.6	2.6	.4	.3						~~11.9~~	~~8.9~~
W		2.3	4.8	4.0	.5		.1					~~11.8~~	~~10.3~~
WNW	.4	1.1	1.5	1.3	.9	.1	.1					~~5.5~~	~~11.0~~
NW	.7	.1	1.2	.8	.1							~~3.~~	~~8.7~~
NNW	.1	.2	1.5	1.7	.5							~~4.6~~	~~10.9~~
VARBL			.2		.1							~~.4~~	~~11.7~~
CALM												4.7	
	9.4	23.5	29.8	25.4	5.4	1.5	.3					~~100.~~	~~8.7~~

TOTAL NUMBER OF OBSERVATIONS ~~788~~

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03521 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1600-1800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.6	1.2	.9	.1	.1						5.9	7.2
NNE	.2	.5	.4									1.2	4.9
NE	.4	.4	.6	.1								1.5	6.1
ENE	.2			.6	.1							1.0	11.3
E	.2	.2	.6	.9								2.0	9.7
ESE	.1	.2	.4	.2								1.0	7.3
SE	.1	.2	.6	1.0	.1	.4						2.9	11.7
SSE	.5	1.2	1.3	1.2	.1							4.4	8.4
S	1.1	3.8	3.7	3.0	.9							12.4	8.7
SSW	1.5	4.1	2.7	1.8	.7	.1	.2					11.2	8.4
SW	1.6	4.0	3.9	5.2	1.0							15.7	9.2
WSW	.9	2.9	3.8	3.5	.4							11.5	8.9
W	.7	1.6	3.2	4.3	1.0	.1						10.9	10.5
WNW	.4	.5	1.2	1.6	.6	.1						4.5	11.2
NW	.7	.9	1.5	.9								3.9	8.3
NNW	.1	.7	1.5	1.5	1.0	.1						4.9	11.7
VARBL			.1	.1	.1	.2						.6	17.6
CALM												4.0	
	9.8	24.5	26.6	26.8	6.1	1.2	.2					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 820

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

25521 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

0600-1200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.3	1.2	1.6	.6							6.3	7.6
NNE	.6	.5	.3	.1								1.5	5.2
NE		.2										.7	4.5
ENE	.1	.1	.2	.7	.2							1.4	11.8
E	.2	.2	.9	.8	.1							2.4	9.4
ESE	.1	.1	.6	.2	.1							1.2	9.2
SE	.1	.3	.3	1.2	.1							2.1	11.2
SSE	.5	.7	1.4	1.9	.3							4.5	9.9
S	.9	3.4	2.7	3.5	.8							11.3	9.2
SSW	1.3	3.5	2.4	3.3	.6	.5						12.5	9.2
SW	.8	3.2	3.6	5.5	1.2	.1	.1					14.4	10.3
WSW	.6	2.2	4.5	4.9	.5	.2						12.7	10.1
W	.9	.9	3.8	4.2	1.2	.2						11.9	11.1
WNW		.2	1.4	1.4	1.2	.5	.2					5.6	13.7
NW	.1	.2	1.4	1.2	.5							4.1	10.7
NNW	.5	.2	1.4	1.2	.6	.2						4.2	10.5
VARBL			.2	.5	.1							.8	13.4
CALM												2.8	
	8.0	20.4	27.5	31.3	7.8	1.2	.3					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 859

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03521	ALCONBURY RAF UK	74-83	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

1200-1400 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.4	1.9	1.1	.1	.1						6.2	7.9
NNE	.3	.7	.9	.1								2.0	6.3
NE	.1	.7		.2								.7	8.2
ENE	.1	.5	.1	.7								1.4	9.3
E	.2	.5	.1	1.0	.3	.1						2.1	12.7
ESE	.2	.2	1.1	.1								1.6	7.7
SE	.1	.4	.8	.9	.4							2.6	10.9
SSE	.4	.5	.7	1.4	.7	.2						4.3	11.1
S	1.5	1.1	3.5	2.4	1.1	.2						1.9	10.2
SSW	.9	2.4	2.9	2.1	.9	.1						9.2	9.3
SW	.3	1.0	3.0	6.0	.9	.2						12.3	11.1
WSW	.8	2.1	3.5	4.4	1.1	.1						12.2	10.3
W	.2	1.6	4.5	6.4	1.9	.5	.3	.2				15.6	12.8
WNW	.1	1.1	1.4	2.1	1.6	1.3						7.7	14.1
NW		.8	.5	1.6	.3	.4	.1					3.8	13.3
NNW	.2	.0	1.2	1.8	.8	.1						4.9	11.2
VARBL				.2	.4							.7	16.9
CALM												2.1	
	6.4	17.4	26.2	33.4	12.5	3.6	.4	.2				100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03721 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 15 (17)-17 (20) (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.1	1.5	1.2	.3	.1	.1	.1				6.3	9.2
NNE	.3	1.0	.2									1.5	5.0
NE	.1	.8	.3									.2	5.8
ENE		.5	.1	.9								1.5	10.1
E	.3	.5	.3	.8	.3							2.3	10.2
ESE		.8	.5	.1		.1						1.6	9.8
SE		.5	1.0	.8		.1						2.4	10.1
SSE	.3	.4	1.4	1.4	.2		.2					4.8	9.9
S	.9	2.0	3.5	3.1	1.3	.3						11.0	10.2
SSW	.1	2.5	3.1	2.7	.3	.1	.1					8.9	8.9
SW	.8	3.0	5.7	3.7	.8							13.9	9.2
WSW	.5	2.4	4.2	3.0	.8							11.8	9.5
W	.9	2.8	4.6	4.2	2.1	.3						14.9	10.4
WNW	.5	1.0	1.4	2.1	.8	.3						6.9	11.9
NW	.2	.9	1.3	1.1	.3	.1						3.9	10.2
NNW	.2	.3	1.1	1.4	.3	.1						3.6	10.7
VARBL				.2								.2	13.5
CALM												.9	
	7.4	31.9	30.3	26.6	7.5	1.9	.4	.1				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 915

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621	ALCONBURY RAF UK	74-83	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.4	1.3	.5	.4		.3	.1				5.6	8.5
NNE		.7	.5									1.2	6.7
NE	.1	.1	.4	.3								.9	7.4
ENE	.1	.1	.5	.9								1.7	10.7
E		.7		.5	.1	.1						1.0	13.1
ESE	.1	.7	.5	.4	.4							2.1	14.2
SE	.1	.9	.7	.7		.1						2.5	9.4
SSE	.3	1.3	1.4	1.6								4.6	8.3
S	.5	2.1	4.8	3.8	.8							12.0	9.8
SSW	1.7	3.3	2.7	2.5	.7							10.8	8.0
SW	.9	4.9	5.6	3.6	.5	.5	.1					16.3	9.1
WSW	.4	3.5	4.2	2.6	.4							11.1	8.7
W	.5	2.5	3.0	3.8	1.0	.3	.3					11.3	11.0
WNW	.5	1.7	2.0	1.4	.3	.5		.1				6.5	10.4
NW	.3	.8	1.2	.8								3.0	8.4
NNW		.4	1.4	1.3	.5							3.6	11.0
VARBL				.3								.3	11.0
CALM												5.7	
	7.2	24.6	30.2	24.8	5.1	1.6	.7	.3				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 769

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03521 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 21.0-23.0 (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	1.3	.9	.8		.1	.3					4.3	8.9
NNE		.5	.3	.3								1.3	6.9
NE		.1	.1	.7								.9	10.4
ENE		.4	.4	1.3								2.1	10.4
E	.1		.4	.3								.8	9.3
ESE	.3	.4	.3	.4	.4							1.7	10.3
SE	.1	.7	.5	.4	.3							2.1	9.3
SSE	.5	1.3	2.3	1.1								5.2	7.7
S	1.1	2.5	4.5	3.3	.9							11.9	9.3
SSW	1.5	3.5	3.9	2.1	.7							11.8	8.1
SW	.9	2.7	5.9	3.1	1.5	.4						14.5	9.9
WSW	.8	3.2	4.1	3.7	.7	.3		.1				13.0	9.7
W	.9	2.8	3.3	3.7	.8	.1			.1			11.9	9.9
WNW	.3	1.6	1.3	1.2	.3	.3	.1		.1			5.2	11.3
NW	.1	.9	1.5	.7		.1						3.3	9.1
NNW	.3	.4	1.1	.7	1.2							3.6	11.8
VARBL													
CALM												6.3	
	7.9	22.8	30.9	23.8	6.7	1.3	.4	.1	.3			100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621	ALCONBURY RAF UK	74-63	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.[illegible]	1.3	.8	.2	.1	.1	.0				5.5	8.1
NNE	.2	.5	.4	.1								1.3	5.8
NE	.2	.5	.3	.2								1.1	6.6
ENE	.1	.3	.2	.9	.0							1.5	10.6
E	.2	.3	.4	.7	.1	.0						1.7	10.5
ESE	.3	.4	.6	.3	.1	.0						1.6	8.8
SE	.1	.[illegible]	.7	.8	.2	.1						2.4	10.5
SSE	.5	1.[illegible]	1.4	1.4	.2	.0	.0					4.6	9.2
S	1.1	2.6	3.7	3.4	1.1	.3						12.0	9.7
SSW	1.4	3.[illegible]	3.1	2.5	.6	.1	.0					11.0	8.5
SW	.9	3.2	4.6	4.4	.8	.2	.0					14.2	9.6
WSW	.7	2.7	4.1	3.6	.6	.1		.0				11.9	9.5
W	.6	2.2	4.0	4.4	1.2	.3	.1	.1	.0			12.7	1[illegible].9
WNW	.3	1.1	1.4	1.6	.8	.5	.1	.0	.0			5.9	12.3
NW	.3	.8	1.2	1.0	.2	.1	.0					3.6	10.0
NNW	.2	.5	1.2	1.4	.7	.1						4.3	11.1
VARBL			.1	.2	.1	.1						.4	14.4
CALM												4.3	
	7.9	22.1	28.7	27.6	7.1	1.9	.4	.1	.0			100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 6185

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-78,82-83 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.0	2.3	.8	.3							5.8	7.0
NNE	1.0	1.8	2.8									5.5	6.1
NE	.3	1.3	2.0	.3								3.8	6.7
ENE	1.0	2.0	2.5	.8								6.3	6.7
E	1.3	2.3	2.8									6.3	6.1
ESE	.8	.8	.5	.3								2.3	5.3
SE	.5	2.0	1.8	1.8								6.0	7.6
SSE	.5	1.3	1.8	2.0								5.5	8.5
S	2.3	3.8	4.3	4.0	1.3							13.6	7.9
SSW	.3	3.8	2.0	2.8								8.8	8.2
SW	.5	2.0	3.0	3.5	.5							9.5	9.6
WSW	1.5	1.5	2.5	1.0	.3							6.8	7.1
W	.8	.8	1.5	2.5	.3							5.8	10.0
WNW		.5	.3	1.5								2.3	10.8
NW				.3								.3	13.0
NNW	.8	.3		.3	.3							1.5	7.7
VARBL													
CALM												10.1	
	12.8	29.9	29.9	19.6	2.8							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 198

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

035621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.2	1.6	1.0	.6							7.3	7.2
NNE	.9	1.3	1.6	1.2	.3							5.3	8.1
NE	.3	2.2	3.2	.9	.4							7.0	8.0
ENE	.4	2.2	2.2	.9								5.7	7.2
E	1.2	3.8	2.9	.4								8.4	6.2
ESE	.6	2.2	.6									3.4	4.9
SE	.7	1.8	1.5	1.8								5.7	7.7
SSE	.4	1.8	1.0	.6								3.8	6.5
S	1.6	2.8	3.8	2.3	.9	.1						11.6	8.6
SSW	.7	3.4	2.1	1.6	.4	.1						8.4	8.1
SW	.9	2.8	1.3	2.1								7.0	7.6
WSW	.6	1.6	2.2	1.2	.6							6.2	9.0
W	.4	1.-	2.3	1.3	.3							5.4	9.1
WNW	.1	1.3	1.6	.7								3.6	7.8
NW	.4	.3	1.0	.7								2.5	8.6
NNW	.6	.7	.4	.1	.1							1.6	6.5
VARBL				.1								.1	15.0
CALM												6.7	
	11.9	30.9	29.5	17.0	3.7	.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 682

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.8	2.0	.9	.3	.3						6.3	8.3
NNE	1.2	2.4	1.4	.8	.3							6.1	6.9
NE	.8	2.5	3.0	.7		.4						7.4	7.7
ENE	.3	1.3	2.6	1.2								5.4	8.2
E	2.0	2.6	3.0	.7								8.3	6.3
ESE	.7	1.2	1.8			.1						3.8	6.8
SE	.1	1.8	1.7	.4								4.1	7.1
SSE	.5	1.6	2.0	.9								5.0	7.7
S	2.0	2.2	3.7	3.7	.7	.1						12.4	8.8
SSW	.7	1.6	1.8	1.6	.3	.3	.1					6.3	9.8
SW	1.2	1.8	3.2	1.4								7.6	7.7
WSW	1.6	2.1	2.2	1.4	.3							7.6	7.1
W	1.1	1.6	2.0	1.1	.1	.1						5.9	7.7
WNW	.7	1.2	1.1	.4								3.3	6.2
NW		1.2	.5	.4								2.1	7.9
NNW	.5		.3	.5	.1							1.4	8.4
VARBL													
CALM												7.0	
	14.2	27.3	32.4	16.1	2.0	1.3	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 760

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.8	1.9	1.0	.6	.3						6.4	9.1
NNE	1.4	1.6	1.9	.4	.1							5.4	6.6
NE	.3	1.4	1.8	1.3	.1	.3						5.2	9.2
ENE	1.0	2.1	3.7	2.1	.1							9.1	8.0
E	.5	2.1	2.9	1.4								6.9	8.0
ESE	.8	.6	1.6	.8	.3	.1						4.2	8.7
SE	.3	1.1	2.0	.3								3.7	7.2
SSE	.6	1.4	2.5	1.9								6.4	8.7
S	1.0	1.5	4.2	3.4	.6							10.7	9.5
SSW	1.4	1.8	3.1	3.0	.6	.9						10.8	10.4
SW	.1	1.4	2.3	2.0	.3							6.0	9.3
WSW	.4	1.4	2.6	1.8		.3						6.4	9.4
W	.4	1.1	1.3	1.6	.3	.3						4.9	10.0
WNW	.5	.8	1.5	1.0								3.8	7.9
NW	.4	.1	.8	.3								1.5	7.8
NNW	.5	.5	1.1	.6	.3							3.0	8.3
VARBL			.4	.4								.8	10.8
CALM												4.9	
	10.3	20.8	35.5	23.2	3.3	2.0						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.3	2.1	1.1	.8	.4						6.1	10.8
NNE	.4	1.0	1.9	.8	.4							4.4	8.9
NE	.2	1.1	2.6	1.6	.1	.4						6.0	9.8
ENE	.2	1.4	2.9	3.2	.2							8.0	9.7
E	.5	1.6	2.6	1.6								6.2	7.8
ESE	.5	.7	1.3	1.6	.4							4.4	9.8
SE	.6	1.2	1.6	1.3	.1	.1						4.9	8.8
SSE	.7	1.3	2.9	1.6	.4							6.8	8.7
S	1.0	.6	4.1	4.1	.8	.1						10.6	10.5
SSW	.7	1.7	1.7	3.5	.8	.2	.1					8.7	11.0
SW	.2	1.4	2.1	2.9	.8	.2						7.8	11.0
WSW	.4	1.4	1.6	1.8	.6							5.7	9.6
W	.1	1.0	1.9	2.0	1.0	.1	.2					6.3	12.2
WNW	.1	.6	.7	.8	1.0							3.2	12.0
NW	.1	.4	1.2	.8	.2							2.7	10.1
NNW	.1	.2	1.9	.4	.4							3.0	10.1
VARBL		.1	1.7	.2	.2							2.3	9.7
CALM												2.9	
	6.2	16.9	34.7	29.1	8.2	1.6	.4					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 838

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.8	1.9	1.8	.4	.2						5.7	10.2
NNE	.5	1.2	1.7	1.3		.4						5.0	9.3
NE	.5	1.2	3.0	1.7	.1	.2						6.7	9.2
ENE	.5	1.9	3.7	3.0	.2							9.3	9.1
E	1.3	2.2	2.9	1.1								7.4	6.8
ESE	.6	.9	1.1	1.7	.5							4.3	10.1
SE	.4	1.2	1.0	1.6	.1							4.2	9.1
SSE	.2	1.0	2.9	2.0	.2							6.3	9.4
S	1.0	2.0	4.1	2.2	.7	.2						10.2	9.2
SSW	.7	1.1	2.3	2.7	.6							7.4	10.1
SW	.5	1.4	1.8	2.6	1.0							7.3	10.2
WSW	.5	1.4	1.4	1.9	.2	.1						5.6	9.2
W	.4	1.7	2.2	1.9	.4	.2						6.7	9.6
WNW	.4	.6	.7	1.1	.5	.1						3.3	10.6
NW	.1	.4	1.0	.7								2.2	9.3
NNW	.1	.7	1.0	.4	.4							2.5	9.4
VARBL			.2	.7	.1							1.1	12.0
CALM												4.8	
	8.1	19.2	32.6	28.3	5.4	1.6						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

15621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.9	1.7	1.3	.6							6.5	8.1
NNE	1.4	1.4	2.6	.7	.1	.1						6.4	7.5
NE	.9	1.4	1.7	.9								4.8	7.1
ENE	.9	2.4	4.3	2.3								9.8	8.2
E	2.1	3.[illegible]	2.1	.9								8.1	6.0
ESE	.7	1.[illegible]	.[illegible]	.4	.3							3.4	7.2
SE	.6	2.1	2.1	2.6	.4							7.8	9.1
SSE	1.3	1.6	2.4	1.[illegible]	.1	.1						6.5	7.5
S	.7	2.6	3.4	2.3	.6	.3						9.8	9.2
SSW	1.0	1.3	1.7	2.6	.6	.1						7.2	9.8
SW	1.0	1.3	2.1	1.8	.3							6.5	8.4
WSW	.6	1.[illegible]	1.1	1.8								4.8	8.6
W		2.[illegible]	2.0	1.0	.1	.1						5.2	8.8
WNW		1.1	1.0	.6	.1							2.8	8.3
NW	.3	.6	.7	.3	.1							2.0	7.6
NNW	1.[illegible]	.6	.4	.1	.4							2.6	7.3
VARBL		.[illegible]	.1	.1	.3							.9	11.7
CALM												4.8	
	13.5	26.[illegible]	30.2	20.6	4.1	.9						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 705

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible]5621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-82 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.5	2.2	.9	.6							6.1	6.2
NNE	.7	2.[illegible]	3.4	.4	.1							6.7	7.0
NE	.7	2.[illegible]	1.5	1.[illegible]	.4							5.7	8.0
ENE	.4	2.2	1.9	1.[illegible]								5.6	7.0
E	1.8	2.2	2.6	.6								7.2	6.3
ESE	.6	1.[illegible]	1.5	.3								3.7	5.9
SE	.6	1.[illegible]	2.2	.4	.4							5.0	6.5
SSE	1.6	3.4	3.5	1.6	.1	.1						10.4	7.4
S	.7	1.6	2.9	2.8	.3	.1						8.5	9.4
SSW	.9	1.6	2.5	2.5	1.[illegible]	.3						8.8	10.2
SW	.1	2.2	2.[illegible]	1.9	.3							6.6	9.1
WSW	.9	1.[illegible]	2.2	1.2								5.3	7.9
W	.3	2.[illegible]	1.5	1.9	.1							5.8	8.6
WNW	1.3	1.5	1.[illegible]	.7								4.5	6.1
NW	.7	.3	.1	.4								1.6	6.2
NNW	.4	.7	.1	.6								1.9	7.4
VARBL													
CALM												6.7	
	12.9	26.9	31.1	18.3	3.5	.6						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 689

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03472 ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.5	1.9	1.1	.5	.2						6.3	8.7
NNE	.9	1.6	2.1	.8	.2	.1						5.6	7.6
NE	.5	1.6	2.4	1.1	.2	.2						5.9	8.4
ENE	.6	1.9	3.0	1.9	.1							7.5	8.2
E	1.3	2.4	2.7	.9								7.4	6.7
ESE	.6	1.1	1.2	.7	.2	.0						3.8	7.8
SE	.5	1.0	1.7	1.2	.1	.1						5.1	8.3
SSE	.7	1.6	2.4	1.4	.1	.1						6.4	8.1
S	1.2	2.	3.8	2.9	.7	.1						10.8	9.2
SSW	.8	1.9	2.2	2.5	.6	.3	.0					8.3	9.9
SW	.6	1.8	2.2	2.2	.4	.1						7.2	9.2
WSW	.7	1.5	1.9	1.6	.2	.1	.0					6.0	8.5
W	.4	1.4	1.8	1.6	.3	.1	.0					5.8	9.6
WNW	.4	.9	1.0	.8	.2	.0						3.4	8.5
NW	.3	.4	.7	.5	.1							2.0	8.5
NNW	.5	.4	.7	.4	.2							2.3	8.4
VARBL		.1	.4	.2	.1							.7	10.8
CALM												5.7	
	11.0	23.7	32.3	22.0	4.3	1.1	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 5698

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-80,82-83 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.7	5.1	2.5								11.4	8.1
NNE	1.3	1.5	2.2	2.7	.7							8.3	9.0
NE	.9	2.5	2.7	1.3								6.9	7.9
ENE	.4	1.1		.2								1.8	5.1
E	1.3	2.7	1.1	.2								5.4	5.2
ESE	.4	1.1	.7	.4								2.7	6.4
SE	.4	.2	.9	.2								1.8	7.5
SSE	.4	1.5	.9	.9								4.0	7.4
S	1.1	3.6	5.6	1.8	.2	.2						12.5	7.6
SSW	2.0	1.5	1.8	1.1	.2							6.9	6.9
SW	.9	2.2	2.5	.9	.4	.2						6.7	8.0
WSW	.4	1.3	4.2	3.3								9.4	9.6
W	1.1	3.3	.7	1.8	.2							7.1	7.4
WNW	.2		.4	2.2	.2							3.1	11.2
NW		1.5	.9	.7								3.1	7.4
NNW	.2	1.1	2.2	.7								4.2	8.3
VARBL													
CALM												4.7	
	12.5	27.9	31.9	20.5	2.0	.4						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 498

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

0300-0501 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.1	3.6	1.9	.5							8.2	9.2
NNE	.5	1.4	2.6	2.6	.5	.3						7.8	10.1
NE	.1	.6	1.1	.8								2.7	9.1
ENE	.5	1.[illegible]	.4	.4								2.3	6.1
E	.6	1.4	1.8									3.8	6.3
ESE	.4	.[illegible]	.8	.3								2.2	6.7
SE		.3	.8	.6								1.7	9.5
SSE	.4	1.[illegible]	1.3	.1								3.6	5.5
S	1.4	2.9	4.[illegible]	2.0	.3							10.6	7.8
SSW	1.3	4.[illegible]	2.3	1.7	.4	.1						10.0	7.5
SW	1.1	3.[illegible]	4.7	1.8	.4							11.9	7.9
WSW	1.1	2.[illegible]	4.1	3.2	.1	.3						11.7	9.0
W	.3	1.4	2.7	2.3	.5							7.2	10.0
WNW	.9	.9	1.7	1.1								4.6	8.2
NW	.4	1.1	1.1	.3	.1							3.1	7.0
NNW	.3	.4	2.3	1.4	.3							4.6	10.1
VARBL				.3								.3	12.0
CALM												4.0	
	13.3	26.2	35.1	23.7	3.1	.6						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 783

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.3	3.4	2.7	.5							9.-	9.2
NNE	.1	1.6	1.9	1.6	.6	.1						6.-	9.8
NE	.1	1.2	1.2	1.3	.1							3.9	9.5
ENE	.1	.9	1.6	.1								2.7	7.3
E	.6	.9	1.1	.1								2.7	6.5
ESE		.7	.7	.1								1.5	7.5
SE	.4	.9	1.3	1.1								3.7	8.1
SSE	.4	1.1	1.9	1.2								.5	8.1
S	.7	3.3	3.4	3.4								1. 8	8.5
SSW	1.9	4.1	2.5	1.5	.1	.5						10.7	7.8
SW	.8	3.1	4.5	3.5	.6							12.5	9.0
WSW	.7	1.3	3.1	2.5	.2	.1						7.9	9.0
W	.2	2.-	3.2	2.1	.7	.2						8.5	10.1
WNW	.2	1.1	1.4	.7	.2							3.7	8.8
NW	.1	1.1	1.3	1.1	.1							3.7	8.9
NNW			3.5	1.4	.4	.1						5.4	10.8
VARBL				.2								.2	13.0
CALM												2.7	
	7.4	24.5	35.9	29.7	3.5	1.2						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.7	2.7	4.7	1.3	.1						10.0	11.7
NNE	.2	.2	2.4	1.1	.9	.1						4.9	11.6
NE	.2	1.2	1.5	2.2	.1							5.3	9.7
ENE	.1	.4	1.2	.8								2.6	9.2
E	.3	.3	1.3	1.7								3.4	9.5
ESE	.2	.7	.9	.4								2.2	7.8
SE	.2	.4	.7	1.2								2.6	9.3
SSE		.3	1.9	1.6	.2							4.0	10.3
S	.3	2.4	4.0	4.5	.4							11.7	10.0
SSW	.8	1.7	3.3	3.0	.7	.2						9.7	10.1
SW	.3	.9	2.5	3.8	.9	.2						8.7	11.5
WSW	.1	.8	2.4	3.4	.8							7.4	11.5
W		1.1	2.4	4.3	1.9	.9						10.6	13.5
WNW	.1	.4	1.7	1.7	1.1	.4	.1					5.6	13.2
NW		.6	1.0	1.5	1.2	.1						4.2	12.6
NNW	.1	.3	1.5	1.8	.3							4.0	11.3
VARBL			.8	.9	.3							2.0	12.8
CALM												1.1	
	3.6	12.6	32.0	38.3	10.1	2.1	.1					100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 890

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.9	4.4	5.1	.8							11.2	11.1
NNE	.2	.3	1.0	1.6	1.5	.2						4.8	13.4
NE		.4	1.6	1.9	.4							4.4	11.2
ENE	.1	.3	1.1	.5	.3							2.4	9.8
E	.4	.6	1.1	1.2								3.3	8.7
ESE	.2	.5	.5	.8	.1							2.2	9.2
SE	.3	.3	.9	1.4								2.9	10.1
SSE	.1	.5	1.5	1.9	.6							4.7	11.7
S	.6	1.3	2.7	3.2	1.1	.1						8.9	10.9
SSW	.1	.9	1.7	3.9	1.1	.5						8.2	12.8
SW	.1	.5	1.8	5.2	.5		.1					8.4	11.9
WSW	.5	.4	1.5	3.3	1.6	.1	.1					7.6	13.0
W		.4	2.3	4.6	2.6	.9						11.2	14.3
WNW		.4	1.2	2.3	1.3	1.0	.1					6.2	15.2
NW		.5	1.7	1.0	.6	.4						4.3	12.3
NNW	.5	.6	1.7	1.7	.2							4.8	9.6
VARBL		.1	2.2	1.1	.4	.3						4.1	11.8
CALM												.5	
	3.8	9.1	28.8	40.6	13.2	3.5	.3					100.3	11.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.2	3.1	3.0	.4							8.4	9.5
NNE	.3	.9	2.0	3.1	1.4	.1						7.8	12.1
NE	.3	.3	1.2	3.6	.1							5.5	11.2
ENE	.2	.2	.7	.7	.3							2.1	10.3
E	.2	.9	2.1	1.1	.1							4.3	8.8
ESE	.4	1.0	.8	.9								3.0	8.0
SE	.2	.4	.7	1.0	.1	.1						2.5	10.3
SSE	.2	.3	1.5	1.5	.3	.1						4.0	10.8
S	.3	1.2	2.5	2.9	1.0							7.9	10.5
SSW	.4	1.1	2.2	3.1	1.0	.5						8.4	11.6
SW	.2	.8	3.5	5.1	1.0							10.5	11.4
WSW	.2	.9	2.4	2.6	1.0							7.0	11.5
W	.2	1.1	2.3	5.6	2.0	.3	.2					11.7	13.3
WNW	.1	.4	1.0	2.6	1.0	.5						5.6	13.8
NW	.5	1.2	1.5	1.1	.4	.1						4.9	9.4
NNW	.1	.9	1.4	.7	.1							3.1	8.6
VARBL			1.2	.3	.1							1.6	9.8
CALM												1.5	
	4.7	12.7	29.8	38.9	10.3	1.8	.2					100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 922

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.6	1.3	3.3								7.2	9.0
NNE	.3	.9	2.8	2.7	.9							7.5	11.0
NE	.5	1.0	1.9	2.2								5.6	8.9
ENE	.8	1.[illegible]	1.4	1.1	.1							4.8	7.7
E	.9	.8	1.6	.8	.1							4.2	7.2
ESE	.3	1.[illegible]	1.3	.5								3.0	7.3
SE	.3	.8	.8	1.4								3.[illegible]	8.9
SSE	.5	.6	1.5	.8								3.4	7.8
S	1.4	2.8	3.3	2.2	.1							9.7	7.9
SSW	1.0	2.2	2.4	2.3	.9	.1						8.9	9.2
SW	.3	2.3	3.5	4.1	.6							10.8	10.0
WSW	.9	.6	3.5	2.9	.3							8.2	9.6
W	.5	2.5	2.5	2.4	.4	.1						8.5	9.1
WNW	.7	1.4	1.6	1.5	.8	.1						5.7	10.3
NW	.4	1.[illegible]	.3	.3	.5							2.4	8.6
NNW	.8	.4	.5	.1	.3	.1						2.2	7.9
VARBL			.3	.3								.5	10.0
CALM												4.7	
	9.9	20.9	30.5	28.6	4.9	.5						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 790

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.8	2.2	2.9	.3	.1						8.1	9.2
NNE	.7	1.4	2.5	2.5	.7							7.6	9.5
NE	.3	.8	2.6	.5								4.2	8.4
ENE		1.4	1.1	.5								3.1	7.7
E	1.0	1.6	.5	.5								3.7	5.9
ESE	.4	.1	.8	.3								1.6	7.6
SE	.1	1.0	1.4	.4								2.9	8.0
SSE	.3	1.2	2.2	.5								4.2	7.4
S	1.1	3.4	3.5	1.1	.5	.1						9.8	7.8
SSW	1.2	3.8	3.0	1.6	.1	.1						9.9	7.2
SW	1.2	1.6	2.6	2.0	.3	.5						9.1	9.7
WSW	.4	1.1	5.6	3.3	.1							10.5	9.7
W	1.2	2.6	2.5	2.7	.5							9.5	8.8
WNW	.1	1.2	1.2	.8	.3	.3	.1					4.1	10.4
NW	.4	1.2	.5	.4	.3							2.9	8.3
NNW	.3	1.6	1.6	.3	.3							4.1	7.8
VARBL													
CALM												4.8	
	9.5	25.9	33.8	21.3	3.9	1.2	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 738

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.3	3.2	3.4	.5	.0						9.1	9.8
NNE	.4	1.0	2.1	2.2	.9	.1						6.7	10.9
NE	.3	.9	1.6	1.8	.1							4.7	9.7
ENE	.3	.7	1.0	.6	.1							2.7	8.1
E	.6	1.0	1.4	.7	.0							3.8	7.4
ESE	.3	.7	.8	.5	.0							2.3	7.6
SE	.2	.5	.9	1.0	.0	.0						2.7	9.1
SSE	.3	.9	1.6	1.1	.2	.0						4.1	8.9
S	.8	2.5	3.5	2.8	.5	.0						10.1	8.9
SSW	1.0	2.4	2.4	2.4	.6	.3						9.2	9.3
SW	.6	1.8	3.2	3.6	.6	.1	.0					10.0	10.0
WSW	.6	1.1	3.2	3.0	.6	.1	.0					8.6	10.3
W	.4	1.7	2.4	3.4	1.2	.3	.0					9.5	11.5
WNW	.2	.9	1.3	1.6	.7	.3	.0					5.0	11.9
NW	.2	1.0	1.1	.8	.4	.1						3.6	9.8
NNW	.3	.6	1.8	1.1	.2	.0						4.1	9.6
VARBL		.0	.6	.4	.1	.0						1.2	11.6
CALM												2.8	
	7.2	19.0	32.1	30.3	6.9	1.6	.1					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 6396

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

L35621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	5.6	6.0	3.5								16.9	7.3
NNE	1.5	2.7	5.8	3.1		.2						13.3	8.5
NE	.8	1.5	2.5	.4								5.2	6.9
ENE	.2	.6										.8	5.0
E		.9	.8									1.7	6.3
ESE		.2	.2									.4	7.5
SE	.2	.8	.2									1.2	5.2
SSE	.2	.4	.6									1.2	5.7
S	1.0	1.2	1.0									3.3	5.0
SSW	1.2	3.3	1.9	.8								7.3	6.4
SW	1.0	3.2	2.3	1.9	.2							8.7	7.9
WSW	1.2	1.5	2.9	1.0	.2							6.9	7.5
W	1.2	2.3	2.7	1.7	.6							8.5	8.5
WNW	1.2	1.5	1.9									4.6	5.9
NW		2.7	1.2	1.0		.2						5.2	7.8
NNW	.4	2.1	1.5	1.0	.2							5.2	8.4
VARBL													
CALM												9.4	
	12.1	30.6	31.7	19.6	1.2	.4						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 480

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	6.7	6.6	4.7	.4							20.3	7.8
NNE	.4	1.2	4.3	2.0	.1							8.0	8.9
NE	.3	1.1	1.3	.5								3.2	7.5
ENE	.5	.3	.4	.1								1.3	5.5
E	.1	.7	.3	.1								1.2	6.6
ESE	.7	.7	.3									1.6	4.6
SE	.1	1.5	.3									1.9	5.4
SSE	1.2	.9	.1									2.3	3.6
S	1.1	1.7	1.6	.1								4.6	6.1
SSW	1.6	1.9	1.6	.8								5.9	6.4
SW	1.1	2.3	2.8	.5								6.7	6.7
WSW	1.3	2.3	1.2	1.1	.3							6.2	7.1
W	1.6	1.7	3.3	.9	.3							7.9	7.1
WNW	.8	1.6	2.7	1.2								6.3	7.4
NW	.8	1.7	2.0	.9	.1	.1						5.8	7.7
NNW	.5	2.3	2.8	1.2								6.8	7.5
VARBL													
CALM												10.0	
	14.2	28.5	31.6	14.3	1.2	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

15621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	5.0	8.7	4.2	.5							19.2	8.6
NNE	.7	1.2	4.2	4.3	.1	.2						10.8	9.7
NE	.1	1.5	1.2	1.6	.1							4.5	8.9
ENE	.1	.4	.6	.4								1.5	8.2
E	.5	.2	.2	.1								1.1	5.4
ESE	.2	.6	.6	.2								1.7	6.7
SE	.5	.7	.9	.1								2.2	6.2
SSE	1.0	.9	.6	.2								2.7	5.9
S	1.1	1.2	.9	.6								3.8	6.5
SSW	1.1	1.8	2.1	1.5								6.5	7.2
SW	.5	2.6	2.6	1.7								7.3	8.0
WSW	.6	1.6	2.4	.9								5.5	7.8
W	1.8	1.1	3.1	1.3	.6							7.9	8.1
WNW	.9	1.3	1.8	1.7	.2							6.0	8.4
NW	.4	1.0	1.5	2.8	.4							6.1	10.2
NNW	.4	.7	1.3	2.2	.1							6.7	9.4
VARBL				.2	.1							.4	15.3
CALM												6.2	
	11.8	21.9	34.6	24.1	2.2	.2						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 818

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.5	5.2	6.9	.6	.2						15.1	10.9
NNE	.8	1.4	3.1	7.7	.5	.1						13.6	12.9
NE	.5	1.3	1.5	3.5	.5							7.1	1v.4
ENE	.2	.5	1.4	.6								2.9	8.3
E	.1	.9	.7	.5	.1							2.3	8.0
ESE	.7	.8	.8	.3								2.6	6.1
SE	.3	.3	.5	1.5								2.6	9.7
SSE		.7	1.5	.6	.1							2.9	9.4
S	1.2	1.5	.6	1.0	.1							4.4	7.1
SSW	.5	.9	1.2	1.5								4.0	9.3
SW	1.2	.9	1.4	2.1	.6							6.1	9.6
WSW	.8	.5	1.6	1.5	.2	.2						4.8	9.6
W	.9	1.0	2.5	2.3	.7	.1						7.6	9.7
WNW	.3	.3	1.3	2.5	.8	.2						6.0	12.0
NW	.5	.9	1.0	2.2	.6	.2						5.4	11.3
NNW	.2	.9	.8	3.0	.6							5.5	11.6
VARBL		.6	1.7	1.5	.2	.1						4.1	10.8
CALM												3.1	
	8.6	15.4	26.7	39.1	5.5	1.5						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 869

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75521 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.7	5.0	4.4	.6	.3						12.6	10.5
NNE	.6	.7	2.9	8.0	1.1	.2						13.5	12.1
NE	.1	1.0	1.6	3.4	.3							6.9	10.8
ENE	.1	.7	.6	1.2								2.6	10.1
E	.7	.6	.8	1.0	.1							3.2	8.5
ESE	.1	.7	.5	.3								1.6	7.6
SE	.1	.4	1.1	2.1	.1							4.1	10.8
SSE	1.0	.3	.7	1.6								3.6	8.4
S	.8	.8	1.9	.7								4.2	7.4
SSW	.6		.8	.8								2.1	6.7
SW	.6	.8	1.5	2.4	.5							5.6	10.3
WSW	.3	.5	1.5	2.1	.6	.2	.1					5.3	11.9
W	.2	.8	3.2	2.3	.8	.2						8.0	10.5
WNW	1.0	.7	.9	2.8	.7	.1						6.2	10.9
NW	.3	.3	.8	2.6	.8	.1						4.8	12.7
NNW	.2	.0	1.5	3.5	.6							6.5	11.4
VARBL		.2	.4	2.7	.5							7.0	10.6
CALM												2.3	
	7.8	11.7	28.	41.9	6.5	1.2	.1					100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 887

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03521 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.9	3.0	3.5	.8	.4						10.1	10.5
NNE	.2	.2	5.9	8.7	.6	.1						16.3	11.6
NE	.7	.8	2.7	4.9	.3							9.5	10.4
ENE	.5	.5	1.3	2.1	.1							4.5	10.4
E	.8	.7	.9	.7								3.2	7.1
ESE	.3	.3	.6	.4								2.1	7.2
SE	.4	.6	1.5	.8								3.3	8.0
SSE	.2	.5	.8	1.3	.1							2.9	10.2
S	.6	.5	2.0	.5								3.5	7.5
SSW	.7	.6	1.3	.4	.2							3.2	8.2
SW		.5	1.8	2.7	.4	.2						5.5	11.5
WSW	.5	.7	1.8	1.3	.8	.2						5.3	10.9
W	.4	.9	2.5	2.8	.2	.1						6.9	10.5
WNW	.7	.7	1.9	2.7	1.1							7.1	10.7
NW	.5	.8	1.1	3.2	.4							5.9	10.9
NNW	.2	1.1	.9	1.8	.1							4.1	9.4
VARBL			1.6	2.7	.1							4.5	11.9
CALM												2.5	
	9.2	11.2	31.5	47.3	5.2	.1						100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 853

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

25621	ALCONBURY RAF UK	74-87	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	2.5	2.5	3.4	.4	.1						11.5	8.4
NNE	.7	2.3	6.6	7.4	.1							17.1	10.1
NE	.8	2.7	3.7	4.4								11.2	8.9
ENE	.4	1.4	1.9	.7								4.4	7.3
E	1.9	1.6	.4									4.0	3.5
ESE	.5	1.4		.5								2.5	6.1
SE	.3	.7	1.1	.4								2.5	7.5
SSE	.5	1.	.7	.4								2.6	6.9
S	1.7	1.4	1.2									3.6	5.3
SSW	.5	.8	.7	1.5								3.0	8.0
SW	.5	1.2	2.1	.8	.1							5.3	7.7
WSW	.5	1.2	.7	1.4	.5	.1						5.2	9.3
W	1.2	2.9	2.1	2.5								8.6	7.6
WNW	.5	1.4	1.9	2.2								6.0	8.8
NW	.4	.7	2.2	1.8	.4							5.5	10.0
NNW		.4	1.2	.8								2.5	8.6
VARBL			.1	.3								.4	10.7
CALM												4.1	
	12.6	29.4	29.0	27.9	1.6	.3						100.9	8.0

TOTAL NUMBER OF OBSERVATIONS 730

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03521 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	5.0	5.0	3.3	.3							15.2	7.8
NNE	1.5	4.3	6.3	4.1	.2							16.1	8.2
NE	1.3	1.7	3.0	.8								6.8	6.9
ENE	.5	.3	.2									1.0	4.3
E	1.2	.5	1.3	.2								3.1	5.4
ESE	.5	1.2	.2	.2								2.0	5.0
SE	.3	1.3	.7									2.1	6.0
SSE	.8	.5	.7	.5								2.5	6.6
S	.8	2.0	1.2	.5								4.5	6.3
SSW	1.2	2.1	1.7	.2								5.1	5.4
SW	1.0	1.3	2.0	2.3								6.6	8.3
WSW	1.7	2.0	1.0	1.0	.2							6.6	6.6
W	.8	4.6	2.1	2.1								9.7	7.4
WNW	.3	.8	1.2	1.3								3.6	8.5
NW	.5	1.0	1.3	.5	.3							3.6	8.0
NNW	1.2	1.5	.5		.2	.2						3.5	5.9
VARBL			.2									.2	10.0
CALM												7.9	
	15.2	30.4	28.2	17.0	1.2	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 606

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.4	5.2	4.3	.5	.2						14.9	9.0
NNE	.7	1.6	4.7	5.9	.4	.1						13.5	10.3
NE	.5	1.4	2.1	2.6	.2							6.9	9.3
ENE	.3	.6	.9	.7	.0							2.5	8.5
E	.7	.8	.7	.4	.0							2.5	6.8
ESE	.4	.8	.4	.3								1.9	6.3
SE	.3	.9	.8	.7	.0							2.6	8.1
SSE	.6	.7	.7	.6	.0							2.7	7.4
S	.9	1.3	1.3	.5	.0							4.0	6.6
SSW	.9	1.3	1.4	.9	.0							4.4	7.3
SW	.7	1.6	2.0	1.8	.2	.0						6.4	8.8
WSW	.8	1.4	1.6	1.3	.4	.1	.0					5.6	8.9
W	1.1	1.8	2.7	2.0	.4	.1						8.1	8.7
WNW	.7	1.1	1.7	2.0	.4	.1						5.9	9.5
NW	.4	1.1	1.4	2.0	.4	.1						5.3	10.1
NNW	.4	1.2	1.6	1.8	.2	.0						5.2	9.4
VARBL		.2	1.0	1.1	.1	.0						2.4	11.1
CALM												5.3	
	12.8	20.7	30.2	29.0	3.4	.7	.0					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 5990

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	5.3	6.6	4.4	.2							18.5	8.0
NNE	.6	3.2	4.8	3.2								11.8	8.5
NE	1.2	.6	.8	.2								2.6	5.3
ENE	.4	1.	.2									1.6	4.3
E		2.2	1.6									3.6	6.7
ESE	.2	.4	.2									.8	6.0
SE		.4	.2	.4								1.0	8.4
SSE	.6	.4	.4	.6								2.0	6.7
S	2.4	2.8	2.8									8.0	5.2
SSW	2.2	3.8	2.4	.4								8.8	5.4
SW	1.2	3.2	3.0	.6								7.6	6.9
WSW	1.4	2.2	2.8	.2								6.6	5.9
W	1.2	2.8	3.6	.6								8.2	6.4
WNW	.4	1.4	1.4	.8								3.8	7.3
NW	.4	.6	.6	.6								2.2	7.5
NNW	.6	.8	.2	.6								2.2	6.2
VARBL													
CALM												11.2	
	13.4	31.2	31.6	12.4	.2							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 500

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	6.3	7.1	3.4	.1							19.2	7.6
NNE	1.8	3.3	2.2	3.3								10.7	7.8
NE	1.3	1.1	.1									2.5	3.8
ENE	.5	.3	.4									1.2	4.6
E	.7	1.2	1.3									3.2	5.6
ESE	.1	1.2	.5									1.8	6.0
SE	1.2	.8	.5									2.5	4.6
SSE	.4	.7	1.7	.1								2.9	7.0
S	2.4	3.3	2.0	.3								7.9	5.1
SSW	2.1	3.0	1.7	.3								7.1	5.3
SW	2.6	3.2	3.2	.9								9.9	6.1
WSW	1.3	3.2	2.0									6.5	5.4
W	.7	2.4	3.2	.3								6.5	6.8
WNW	.4	.8	.9	.3								2.4	7.1
NW		1.3	1.2	.4								2.9	7.5
NNW	1.1	1.3	2.1									4.8	5.6
VARBL													
CALM												8.1	
	19.0	33.3	30.3	9.2	.1							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 757

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03521 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.2	6.6	5.3	.2							15.7	9.0
NNE	.7	2.4	3.0	5.0	.4							11.5	9.4
NE	1.1	2.2	1.1	1.2	.2							5.8	7.3
ENE	.4	1.2	.7	.1								2.2	6.1
E	.7	1.2	2.2	.1								4.3	6.5
ESE	.7	.6	1.2	.6								3.2	7.2
SE	.2	.4	1.5									2.1	7.2
SSE	.1	.7	1.5	.1								2.4	6.9
S	1.3	1.9	2.6	1.6								7.4	7.2
SSW	1.3	2.7	2.7	.9	.1							7.7	6.8
SW	1.5	2.3	3.0	1.5	.1							8.4	7.2
WSW	.5	1.8	2.2	1.7								6.2	8.1
W	.1	1.3	2.8	1.9								6.2	9.1
WNW		1.2	1.5	1.0								3.4	8.8
NW	.4	1.1	1.8	.5	.4							4.1	8.6
NNW	.2	.7	2.3	.9								4.1	8.2
VARBL				.1								.1	11.0
CALM												5.2	
	10.7	23.6	36.6	22.5	1.5							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 823

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

'35621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.7	5.3	4.5	.3							12.4	9.5
NNE	.5	.5	2.7	5.9	.7	.3						10.6	11.7
NE	.5	1.4	1.6	2.2	.5							6.1	10.1
ENE	.8	1.[illegible]	1.0	.8	.3							4.0	7.7
E	.3	.7	2.3	.7								4.0	8.0
ESE	.5	.5	.5	1.6	.3							3.3	10.4
SE	.2	.5	.8	.8	.1							2.4	9.1
SSE	.3	1.1	1.0	1.0								3.5	8.2
S	1.5	1.8	1.1	1.9								6.9	7.8
SSW	.8	1.7	2.6	2.9	.5							8.5	9.5
SW	1.0	.2	2.7	3.0	.2							7.2	10.0
WSW	.2	.7	2.1	2.2								5.1	9.7
W	.3	1.1	2.1	2.4	.1							6.1	9.5
WNW	.2	.5	1.6	1.6	.1							4.0	10.0
NW	.1	.3	1.3	1.0								2.7	9.3
NNW	.1	.3	2.5	1.0								4.0	8.9
VARBL		.1	2.9	2.6	.3							5.9	10.9
CALM												3.7	
	8.0	14.2	34.1	36.2	3.5	.3						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 878

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.7	3.4	2.7	.3							8.4	9.3
NNE	.8	1.4	2.1	6.2	.9	.3						11.8	11.7
NE	.4	1.0	2.3	2.2	.6	.1						6.7	10.5
ENE	.2	.8	.7	.3	.2							2.2	8.0
E	.6	.9	1.2	1.7								4.3	8.9
ESE	.4	1.7	.8	2.4	.4	.1						5.9	10.4
SE	.2	.6	.1	1.6								2.4	9.9
SSE	.1	1.1	1.1	1.1	.1							3.4	9.2
S	1.0	1.8	1.8	1.7	.1							6.3	8.3
SSW	.9	1.3	1.9	2.7	.7	.1						7.5	10.1
SW	.6	.3	2.3	3.0	.2	.2						6.7	10.6
WSW	.2	.9	1.8	2.1		.1						5.1	9.8
W	.2	.7	3.4	2.6	.3							7.2	10.3
WNW	.1	.3	.7	1.2	.1	.1						2.6	11.2
NW	.1	.9	.9	1.3	.1	.1						3.4	10.0
NNW	.1	1.1	1.9	1.3								4.3	8.7
VARBL	.1	.4	5.4	2.9	.3							9.2	10.2
CALM												2.4	
	6.4	16.6	31.9	37.0	4.9	1.2						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.6	2.9	2.8	.3							8.2	9.3
NNE	.7	1.7	2.8	4.4	1.4	.1						11.1	11.3
NE	.6	1.7	2.2	3.4	.7							8.1	10.6
ENE	.1	.5	1.3	1.0	.6							3.5	11.4
E	.5	1.2	1.2	2.0								4.8	8.6
ESE		.5	1.7	2.3	.1							4.6	10.6
SE	.3	.5	1.3	.9	.1							3.1	9.0
SSE	.3	.6	1.7	1.2								3.8	9.0
S	.9	1.7	2.8	1.9	.1							7.4	8.4
SSW	.7	1.6	2.7	2.3	.3	.1						7.8	9.1
SW	.6	1.0	2.2	2.8	.1							6.7	9.9
WSW	.2	.9	2.3	2.0	.2	.1						5.8	9.9
W	.7	.9	2.2	2.7	.7							7.2	10.2
WNW	.2	.6	.9	1.4	.3							3.5	10.3
NW	.3	.8	1.4	.9	.2	.1						3.8	9.4
NNW	.3	1.4	1.4	.5								3.6	6.9
VARBL		.1	3.2	1.6								5.0	10.1
CALM												2.0	
	7.2	16.9	34.2	34.0	5.3	.5						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 863

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

25621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.9	2.3	2.0	.4							6.9	8.8
NNE	.3	2.4	3.5	7.6	.5							14.4	10.9
NE	.4	2.6	2.9	1.5	.3							7.6	8.2
ENE	.1	1.9	1.8	.5								4.4	7.3
E	.7	2.9	3.3	1.0								7.6	6.9
ESE	.8	.7	2.3	1.4								5.2	8.0
SE	.4	.4	1.4	1.5								3.7	9.1
SSE	.3	.7	1.0	.2								2.2	7.1
S	1.0	2.3	2.6	.4								6.3	6.6
SSW	1.2	1.8	1.9	1.8	.1							6.8	8.1
SW	1.5	1.1	3.5	1.8								7.9	7.6
WSW	.7	1.6	2.2	.7	.1							5.3	7.4
W	1.0	1.2	2.9	.7								5.7	7.0
WNW	.5	.7	.5	.3	.1							2.2	7.2
NW	1.0	1.4	.8	1.2								4.4	7.3
NNW	.3	.7	1.0	.5								2.4	7.8
VARBL			.1	.3								.4	11.0
CALM												6.7	
	10.5	23.9	33.9	23.4	1.6							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 735

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	3.1	2.3	2.1	.2							9.3	7.5
NNE	.8	2.9	5.8	5.8								15.4	9.1
NE	1.1	1.9	.8	.6								4.4	6.0
ENE	.6	2.4	1.6									4.7	6.0
E	1.5	1.6	2.1									5.2	5.3
ESE	.3	1.1	1.6	.2								3.2	6.8
SE	.5	1.9	1.3	.3								4.1	6.1
SSE	.8	1.?	1.3	.6								3.7	6.9
S	2.3	2.4	2.3									7.0	5.4
SSW	1.0	3.1	2.4	1.1								7.6	6.7
SW	.6	2.1	1.9	1.0								5.7	7.2
WSW	1.0	1.5	1.6	.5								4.5	6.4
W	.8	2.3	2.1	.2								5.4	5.8
WNW	.5	.6	.8	.5								2.4	7.2
NW	.6	1.?	.6	.3								2.6	5.8
NNW	.5	.3	.5	.5								1.8	7.5
VARBL			.2									.2	8.0
CALM												12.8	
	14.6	29.2	29.4	13.8	.2							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 618

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

15621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.9	4.5	3.4	.3							12.7	8.6
NNE	.8	2.1	3.2	5.3	.5	.1						12.0	10.2
NE	.8	1.5	1.5	1.5	.3	.1						5.7	8.7
ENE	.4	1.1	1.0	.4	.2							3.0	7.5
E	.6	1.4	1.9	.8								4.6	7.2
ESE	.4	.9	1.1	1.2	.1	.1						3.7	9.0
SE	.4	.6	.9	.7	.0							2.7	8.0
SSE	.3	.8	1.3	.7	.0							3.1	7.9
S	1.5	2.2	2.2	1.1	.0							7.0	6.8
SSW	1.2	2.3	2.3	1.6	.2	.1						7.7	7.9
SW	1.2	1.5	2.7	1.9	.1	.1						7.5	8.2
WSW	.6	1.5	2.1	1.3	.0	.1						5.6	8.0
W	.6	1.5	2.8	1.5	.2							6.5	8.5
WNW	.3	.7	1.0	.9	.1	.1						3.1	9.0
NW	.3	.9	1.1	.8	.1	.1						3.3	8.4
NNW	.4	.8	1.6	.7								3.5	7.6
VARBL	.0	.1	1.7	1.1	.1							3.0	10.4
CALM												5.9	
	10.8	22.7	32.9	25.0	2.4	.3						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 6069

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.7	6.6	3.7	2.1	.2							16.3	6.1
NNE	.7	3.9	2.0	.5								7.1	6.2
NE	.7	1.6	1.6									3.9	5.7
ENE	.4	.2	.7	.2								1.4	6.8
E	.7	.5	.7									2.0	5.1
ESE	1.2	.5										1.8	2.8
SE	.7	.9	.5									2.1	4.7
SSE	2.0	1.4	.2									3.6	3.8
S	1.6	1.2	.4									3.2	3.7
SSW	2.7	5.9	.9	.4								9.8	4.7
SW	2.3	3.6	2.5	.5								8.9	5.5
WSW	2.0	5.0	2.5									9.4	5.0
W	1.2	5.0	2.1	.7								9.1	5.8
WNW	.5	2.0	1.6									4.1	6.1
NW	.9	.5	2.0	.4								3.7	6.8
NNW	.4	.7	.7	.2								2.0	6.6
VARBL				.2								.2	14.0
CALM	-											11.5	
	21.7	39.4	22.0	5.2	.2							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 563

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03521 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	7.5	4.3	2.2	.1							16.6	6.4
NNE	1.1	1.5	1.4	.5								4.6	6.3
NE	.1	1.3	1.3	.3								2.9	6.8
ENE	.4	.3	.3									1.4	4.8
E	.5	.5	.6	.3								1.9	6.3
ESE	.8	.4	.3									1.7	4.5
SE	.9	.1	.5									1.5	4.6
SSE	.5	1.1	.1									1.7	4.2
S	2.5	1.8	1.1	.1								5.6	4.5
SSW	4.7	4.8	1.1	.5								11.2	4.3
SW	3.1	4.9	2.7	.1								10.1	4.9
WSW	2.3	5.[illegible]	2.9	.2								10.4	5.5
W	1.8	4.6	3.1	.4								9.8	5.7
WNW	.6	2.8	.8	.1	.1							4.5	5.9
NW	.1	1.[illegible]	.5	.1								1.6	6.1
NNW	.9	1.[illegible]	.8									3.1	5.0
VARBL				.1								.1	11.0
CALM												11.1	
	23.2	39.4	21.1	5.0	.3							[illegible]	4.8

TOTAL NUMBER OF OBSERVATIONS 785

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

15621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	3.4	8.1	2.2	.1							14.5	7.9
NNE	.7	2.2	3.3	1.6								7.7	7.8
NE	.7	1.2	2.1	.5								4.5	6.9
ENE	.6	.5	.6									1.7	4.9
E	1.2	.7	1.3	.1								3.1	6.1
ESE	.4	.8	.5									1.7	5.3
SE	.4	.7	.2									1.3	4.9
SSE	.1	1.6	.6									2.3	5.6
S	1.9	2.3	2.5	.2								7.0	5.7
SSW	1.8	4.3	1.4	.5								7.7	5.5
SW	.6	2.7	4.1	1.2								8.6	7.4
WSW	.8	3.6	2.8	1.8								9.1	7.3
W	1.6	3.6	5.0	2.2	.1							12.4	7.7
WNW	.4	1.1	2.8	1.2	.4							5.8	9.2
NW	.2	.6	1.1	1.1		.1						3.1	9.5
NNW	.7	1.6	1.3	.7	.2							4.6	7.5
VARBL			.7	.4								1.1	9.7
CALM												3.7	
	12.7	30.6	38.4	13.6	.8	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 828

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 77-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.5	5.0	2.8								9.7	9.3
NNE	.6	1.4	3.1	1.6	.2							7.2	8.5
NE	.5	1.3	2.1	1.2								5.0	8.3
ENE	.8	.6	1.5	.1								3.0	6.2
E	.6	1.5	.9	.6								3.6	6.4
ESE	.5	.6	.6									1.6	5.1
SE	.5	.8	.5									1.7	5.2
SSE	.2	1.5	.6									2.3	5.3
S	.9	2.1	1.3	.7								5.0	6.2
SSW	.7	2.2	1.8	1.7								6.2	8.0
SW	.2	2.9	4.4	1.4								8.9	8.0
WSW	.3	1.6	3.7	2.1		.1						7.7	9.0
W	2.0	1.4	3.5	3.6	.5							10.8	8.9
WNW	.6	1.3	2.5	2.5	.5							7.4	9.6
NW	.3	1.4	2.7	1.0	.2	.1						5.1	9.1
NNW	.2	1.2	2.1	1.3								4.6	8.6
VARBL		.3	5.7	1.6	.1							7.7	9.1
CALM												2.5	
	9.2	23.3	41.1	22.1	1.5	.2						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 867

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 72-82 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.6	3.3	2.3								8.1	8.8
NNE	.6	1.2	3.6	2.4								7.8	9.1
NE	.2	.7	2.3	1.2								4.4	8.9
ENE	.1	.9	1.1	.6								2.7	7.9
E	.9	1.7	.8									3.4	5.2
ESE		.6	.3	.1								1.0	6.7
SE	.7	1.2	.6	.1								2.6	5.3
SSE	.7	1.1	.7	.2								2.7	5.9
S	.7	.5	2.3	1.1	.1							4.6	8.2
SSW	.6	1.5	2.8	2.6	.1							7.6	9.1
SW	.2	1.9	3.3	1.9	.1							7.5	9.0
WSW	.5	1.6	4.1	2.5	.2							8.8	9.2
W	.5	1.7	4.0	3.4	.5	.1						10.1	10.1
WNW	.6	1.8	2.6	2.5	.5							7.9	9.2
NW	.5	.2	1.6	1.5	.7							4.4	10.8
NNW	.3	.9	1.8	.9								4.0	7.9
VARBL		.1	7.7	2.5	.1							10.4	9.4
CALM												2.0	
	7.9	19.2	42.7	25.8	2.3	.1						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 885

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

035621 (STATION) ALCONBURY RAF UK (STATION NAME) 72-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.4	2.6	2.2								7.4	8.1
NNE	1.4	1.5	3.5	3.2	.3							10.0	9.0
NE	.9	1.2	3.5	1.5	.1							7.2	8.3
ENE	.3	1.[illegible]	1.2	.5								3.[illegible]	7.[illegible]
E	.6	.3	1.5	.5								2.9	7.2
ESE		.7	.5	.6								1.7	8.7
SE	.2	.9	1.3	.1								2.6	7.0
SSE		.9	.7	.7	.1							2.4	8.9
S	.3	1.2	.6	.5	.1							2.7	7.1
SSW	.6	1.2	1.9	1.2	.1							4.9	8.6
SW	.6	1.7	4.2	2.6	.1							9.2	8.7
WSW	.7	1.7	3.5	1.6	.1							7.7	8.4
W	.5	2.6	3.5	4.9	.5	.1						11.9	10.0
WNW	.1	1.6	1.9	2.9	.3							6.8	10.0
NW	.5	.7	1.7	1.5	.3							4.8	9.6
NNW	.8	.9	.8	.7	.3							3.6	8.0
VARBL		.1	6.1	2.1								8.4	9.4
CALM												2.9	
	8.8	19.7	38.7	27.1	2.6	.1						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 862

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.6	.9	2.3								6.5	7.7
NNE	.3	2.6	5.1	4.0								11.9	8.9
NE	.8	2.3	4.3	1.3	.1							8.8	7.8
ENE	.8	1.[illegible]	1.4	.3								3.5	6.3
E	.4	2.3	.8	.3								3.8	5.7
ESE	.3	.9	.6	.1								1.9	6.6
SE	.5	.2	1.6	.3								1.2	6.5
SSE	.3	.5	.9									1.7	6.7
S	.9	1.2	.4	.5								3.0	5.9
SSW	1.3	2.3	1.2	.9								5.7	6.3
SW	1.3	2.3	2.6	.8								6.7	6.8
WSW	1.7	3.6	3.5	.6								9.5	6.8
W	1.7	4.5	4.0	2.2	.1							12.6	7.2
WNW	.5	1.9	2.1	1.3	.4							6.1	8.8
NW	.5	1.8	1.8	1.[illegible]								5.2	7.6
NNW	.4	1.[illegible]	.1	.4								2.1	6.2
VARBL			.9	.6								1.6	9.6
CALM												6.2	
	13.3	31.0	32.2	17.0	.6							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 771

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	3.5	2.1	1.7								9.2	6.4
NNE	1.7	3.6	5.0	1.4								11.6	6.9
NE	.2	2.3	2.4	.3								5.1	6.7
ENE	.3	2.1	.5									2.9	5.3
E	1.2	1.8	1.1	.3								4.4	5.2
ESE	.2	1.4	.3									1.8	5.5
SE	.5	1.4	.5									2.3	5.1
SSE	.6	1.5	.9									3.0	5.2
S	1.4	2.3	.8	.2								4.5	4.9
SSW	2.7	3.?	1.4	.5								7.5	5.2
SW	2.3	2.4	2.7	.3								7.7	5.6
WSW	1.1	3.9	1.5	.6								6.9	6.0
W	.9	5.6	2.7	.2								9.3	5.9
WNW	.8	2.7	.8	.5								4.7	5.6
NW	.5	1.1	1.5	.9	.2							4.1	8.1
NNW	.6	1.1	.9	.3								2.9	5.9
VARBL			.5									.5	9.0
C?												12.0	
	16.5	39.2	25.2	6.9	.2							170.0	5.3

TOTAL NUMBER OF OBSERVATIONS 666

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 77-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	3.1	3.8	2.2	.0							10.8	7.5
NNE	.9	2.2	3.4	2.0	.1							8.4	8.1
NE	.5	1.4	2.5	.8	.0							5.3	7.7
ENE	.5	.0	.9	.2								2.5	6.3
E	.7	1.2	1.0	.3								3.1	5.9
ESE	.4	.8	.4	.1								1.6	5.8
SE	.5	.9	.7	.1								2.2	5.6
SSE	.5	1.2	.6	.1	.0							2.4	5.7
S	1.3	1.5	1.2	.4	.0							4.5	5.9
SSW	1.8	2.9	1.6	1.1	.0							7.5	6.3
SW	1.2	2.7	3.3	1.2	.0							8.4	7.1
WSW	1.1	3.1	3.1	1.3	.0	.0						8.7	7.2
W	1.3	3.5	3.5	2.3	.2	.0						10.9	7.9
WNW	.5	1.8	1.9	1.5	.3							6.1	8.5
NW	.4	.9	1.5	1.0	.2	.0						4.0	8.8
NNW	.5	1.1	1.1	.6	.1							3.4	7.3
VARBL		.1	3.0	1.0	.0							4.1	9.4
CALM												6.0	
	13.6	29.3	33.6	16.3	1.1	.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 6227

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	5.2	3.1	.5								11.7	5.5
NNE	.7	1.7	3.7	.7								6.8	7.3
NE	.2	.7	.2	.2								1.2	5.7
ENE	.3											.3	2.0
E	.2	.5	.3									1.0	5.2
ESE	.3	.2										.5	3.7
SE	.3	.2										.5	3.0
SSE	.9	.7	.3									1.9	4.4
S	2.1	2.4	1.2									5.7	4.4
SSW	1.9	3.8	1.2									7.0	4.7
SW	2.1	3.8	5.0	.3								11.3	6.1
WSW	2.6	5.0	3.3	.3								11.3	5.4
W	2.1	3.8	4.3	.2								10.4	5.9
WNW	.9	2.6	1.6	.3								5.4	6.0
NW	1.2	3.1	1.6									5.9	5.3
NNW	.9	1.4	.3	.2	.2							3.0	6.1
VARBL			.2	1.0								1.2	13.1
CALM												14.8	
	19.5	35.3	26.4	3.8	.2							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 575

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 72-82 (YEARS) ANN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.4	6.7	3.8	1.4								14.6	5.9
NNE	1.0	2.4	2.9	.3								6.5	6.5
NE	.3	.3	.1	.5								1.1	8.6
ENE	.3	.3										.5	3.3
E	.6	.3	.1									1.0	3.0
ESE	.4		.1									.5	4.0
SE	.1	.1	.3									.5	5.8
SSE	.4											.4	2.0
S	1.4	3.3	1.1	.1								5.9	5.0
SSW	3.9	3.6	1.5	.3								9.3	4.5
SW	2.2	5.3	2.6	1.1								11.0	6.0
WSW	2.5	4.4	1.5	.1								8.5	4.8
W	2.4	4.5	3.4	.4								10.7	5.6
WNW	.9	3.3	1.6	.5								6.3	6.1
NW	.9	2.6	1.9	.9								6.3	6.5
NNW	.9	1.4	.4	.4	.3							3.1	6.7
VARBL			.1	.4								.5	12.5
CALM												13.3	
	21.1	37.6	21.5	6.3	.3							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 797

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

035621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.9	6.0	1.5								12.4	7.5
NNE	.6	2.5	4.0	1.5								8.6	7.9
NE	.8	.9	.9	.2								2.9	6.2
ENE	.4	.7	.2	.1								1.4	5.6
E	.5	.2	.5	.1								1.3	5.7
ESE	.2	.1										.4	3.3
SE	.4	.5	.1	.2								1.2	5.7
SSE	.5	.4	.1	.1								1.1	5.0
S	1.2	2.7	.9	.1								4.9	5.3
SSW	1.5	3.4	2.5	.7								8.1	6.0
SW	1.2	3.9	3.9	1.6								10.6	7.0
WSW	1.6	3.9	4.8	.8								11.2	6.5
W	1.4	3.1	5.6	1.5	.1							11.7	7.4
WNW	.4	1.4	2.7	1.6	.1							6.2	8.7
NW	.7	1.5	1.8	1.5								5.5	7.7
NNW	.5	1.5	2.0	.7	.2							4.9	8.2
VARBL			.7	.7	.1							1.5	11.2
CALM												6.1	
	12.9	30.4	36.7	13.3	.6							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 852

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 77-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.4	3.1	2.5	.1							8.6	8.6
NNE	.9	1.2	3.2	2.6	.2							8.2	8.9
NE	.6	.8	1.6	.8								3.7	7.7
ENE	.4	1.[illegible]	.4	.3								2.2	6.5
E	1.[illegible]	.8	.1	.3								2.2	5.4
ESE	.4	.[illegible]	.1	.2								1.0	5.8
SE	.7	.6	.1	.1								1.5	4.8
SSE	.6	.4	.2	.1								1.3	[illegible].3
S	1.1	1.2	.9	.3								3.6	5.8
SSW	.8	2.6	1.9	1.3	.1							6.7	7.3
SW	.8	1.9	2.8	2.4								7.8	8.4
WSW	.4	1.8	4.1	2.2	.1							8.7	8.7
W	.8	2.4	7.2	4.0	.3	.1						14.8	9.0
WNW	.7	2.[illegible]	2.2	3.4	.1							8.4	9.1
NW	.2	.9	1.5	.8	.3							3.7	9.0
NNW	1.0	1.7	2.0	1.6	.3							6.3	8.3
VARBL			4.6	3.0								7.6	10.1
CALM												3.6	
	11.0	21.5	36.2	26.0	1.7	.1						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 893

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 72-82 (YEARS) JUL (MONTH)

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

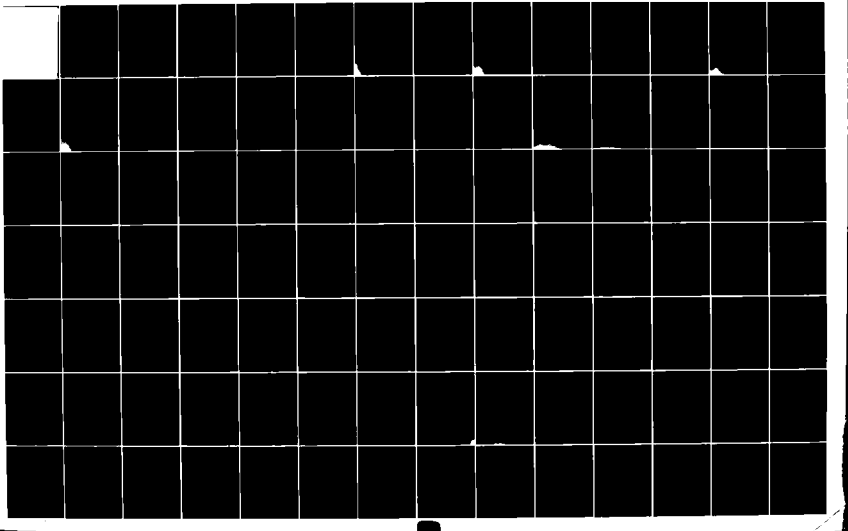
(CONDITION)

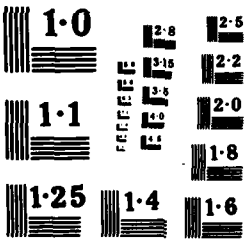
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.5	2.6	2.2	.1							7.2	8.6
NNE	.4	2.0	1.9	3.1								7.3	8.8
NE	.7	1.1	1.0	.7								3.4	7.2
ENE	.3	1.6	.7	.4								3.1	6.8
E	.8	.6	.2	.7	.1							2.6	7.1
ESE	.2	.5	.7	.3								1.7	7.4
SE	.7	.2	.2	.1								1.2	4.9
SSE	.4	.4	.2									1.1	4.6
S	1.0	1.4	1.3	.2								3.9	5.7
SSW	.1	1.6	2.5	1.1								5.3	8.3
SW	1.3	1.3	2.6	2.4								7.6	8.5
WSW	1.2	1.3	2.7	2.9								7.9	8.8
W	1.0	1.7	6.2	4.7		.1						13.8	9.2
WNW	.9	1.4	3.5	3.7	.1	.1						9.7	9.6
NW	.5	1.3	1.9	2.2	.2							4.9	9.9
NNW	.2	1.3	2.0	1.2	.2							4.9	8.5
VARBL		.1	7.1	4.5	.3							12.0	10.4
CALM												2.3	
	10.5	19.2	36.4	30.3	1.1	.2						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 916

AD A146 913 ALCONBURY RAF UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHER O..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. APR 84 2/5

UNCLASSIFIED USAFETAC/DS-84/014 SBI-AD-E850 743 F/G 4/2 NL

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03521	ALCONBURY RAF UK	72-82	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.6	2.7	1.8	.2							6.7	8.5
NNE	.3	.5	2.6	3.4	.2							7.3	10.0
NE	.8	1.1	1.8	1.5								5.2	7.8
ENE	.6	.8	.9	.7								2.9	7.7
E	.3	.7	1.2	.9	.1							3.3	8.4
ESE	.6	.3	.2	.4								1.5	7.0
SE	.1	.4	.4	.1								1.1	6.4
SSE	.4	.6	.2	.1								1.3	5.3
S	.3	1.7	1.6	.2								4.3	5.9
SSW	.8	1.7	2.1	1.0								5.6	7.6
SW	.4	1.8	2.5	2.9								7.6	9.0
WSW	1.2	1.7	2.8	2.2								8.0	8.1
W	.6	2.6	6.1	4.0								13.2	9.1
WNW	.7	1.7	4.1	2.7	.7	.2						9.4	10.0
NW	1.0	1.5	1.9	2.4	.2							7.1	8.5
NNW	.3	1.2	1.5	1.3	.1							4.5	8.8
VARBL		.2	3.0	3.8	.3							8.3	10.6
CALM												2.7	
	9.4	19.7	36.5	29.5	1.9	.2						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 892

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621	ALCONBURY RAF UK	72-82	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.5	1.3	.6								4.9	6.1
NNE	.5	1.5	4.9	1.8	.3							9.0	8.6
NE	.8	1.3	3.7	1.5								7.3	8.1
ENE	.5	.5	1.3	1.0								3.4	8.0
E	.9	1.4	1.3	.5								4.1	6.5
ESE	.8	.9	.9	.3								2.8	6.0
SE	.6	.3	.5									1.4	4.6
SSE	.1	.9	.6									1.7	6.0
S	1.7	1.0	.1									3.4	3.6
SSW	1.7	2.1	1.9	1.3								7.0	6.6
SW	.8	1.8	2.2	1.4								6.2	7.8
WSW	2.2	2.7	3.6	.8								9.3	6.4
W	1.8	3.7	4.9	1.8								12.2	7.1
WNW	.5	2.3	1.9	1.2	.3							6.2	7.8
NW	.9	1.7	1.9	1.5								6.1	7.9
NNW	1.3	2.2	1.0	1.3	.1							5.9	7.2
VARBL			.5	.9	.1							1.5	11.4
CALM												7.6	
	16.5	26.4	32.7	16.0	.8							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 776

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 77-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	2.7	2.5	.3								7.6	5.6
NNE	.6	2.8	3.4	1.0								7.9	7.4
NE	1.3	2.4	.7									4.4	4.8
ENE	.9	1.2	1.2	.4								3.7	6.0
E	1.0	1.9	.4									3.4	4.5
ESE	.1	.7	.1									1.0	5.0
SE	.4	.9	1.2									2.5	6.1
SSE	.7	1.6	.3									2.7	4.7
S	1.9	2.1	.3									4.3	3.9
SSW	1.6	1.6	2.2	.9								6.4	6.6
SW	1.9	3.7	2.2	.7								8.6	5.6
WSW	2.5	3.6	2.5	.7								9.3	5.7
W	1.6	3.9	2.4	.6								8.4	6.0
WNW	.6	3.7	2.2	.1								6.7	6.0
NW	1.5	2.5	.9	.1								5.0	4.9
NNW	.7	1.0	.6	.9								3.3	7.3
VARBL			.3	.7								1.0	11.9
CALM												13.8	
	19.7	36.3	23.6	6.7								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 675

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

25621 (STATION) ALCONBURY RAF UK (STATION NAME) 72-82 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	3.[illegible]	3.2	1.4	.1							9.1	7.1
NNE	.6	1.8	3.3	1.9	.1							7.7	8.3
NE	.7	1.1	1.3	.7								3.7	7.2
ENE	.5	.8	.6	.4								2.2	6.7
E	.7	.8	.5	.3	.[illegible]							2.4	6.2
ESE	.4	.4	.3	.2								1.2	6.1
SE	.4	.4	.3	.1								1.2	5.4
SSE	.5	.6	.3	.[illegible]								1.4	4.9
S	1.3	2.[illegible]	1.0	.1								4.4	5.0
SSW	1.5	2.5	2.0	.9	.[illegible]							6.9	6.4
SW	1.3	2.8	2.9	1.7								8.7	7.3
WSW	1.7	2.9	3.2	1.4	.[illegible]							9.2	6.9
W	1.4	3.1	5.2	2.4	.1	.[illegible]						12.1	7.8
WNW	.7	2.1	2.6	1.9	.2	.[illegible]						7.4	8.4
NW	.8	1.8	1.6	1.3	.1							5.5	7.6
NNW	.7	1.4	1.3	1.[illegible]	.2							4.6	7.9
VARBL		.[illegible]	2.4	2.[illegible]	.1							.6	10.6
CALM												7.4	
	14.6	27.5	31.9	17.7	.9	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 5376

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.9	4.7	3.2	1.3								13.1	5.7
NNE	1.5	4.2	1.2	.2								7.[illegible]	5.1
NE	1.5	1.8	.7									4.[illegible]	4.6
ENE	.3	.5	.8	.2								1.8	6.7
E	1.[illegible]	2.[illegible]	.7									3.7	4.8
ESE	.5	.5										1.0	3.8
SE	.8	.3										1.2	3.0
SSE	.7	1.[illegible]										1.7	3.5
S	2.3	1.8	.7	.5								5.4	5.0
SSW	4.4	2.7	1.5	.2	.5							9.2	5.2
SW	2.2	3.2	3.5	.7	.2							9.7	6.2
WSW	1.2	2.3	2.2	.2								5.9	5.9
W	2.2	2.7	2.2	.2								7.2	5.8
WNW	1.3	1.7	.8	.5								4.0	6.1
NW	.8	1.2	.7	.2								2.9	4.9
NNW	.7	1.5	1.5	.2								3.9	6.0
VARBL			.2									.2	10.0
CALM												18.1	
	25.0	32.2	19.8	4.2	.7							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 596

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.5	6.7	3.1	.7								14.0	5.5
NNE	1.7	2.6	1.4									5.7	4.9
NE	1.0	.0	.5	.1								2.5	4.9
ENE	.2	.5	.2									1.0	5.8
E	.4	.7	1.0									2.1	5.9
ESE	.2	.4	.1									.7	4.2
SE	.4	.5		.1								1.0	4.8
SSE	.2	.1	.2									.6	4.8
S	2.6	1.9	1.1	.5	.2							6.3	5.6
SSW	3.2	4.7	1.2	.2	.4							9.8	5.1
SW	2.6	4.7	3.0	.5	.1							10.9	5.6
WSW	2.2	3.6	1.2	.4								7.2	5.2
W	1.5	4.8	2.7	.6								9.6	5.8
WNW	.9	3.0	1.6	.2								5.7	5.9
NW	1.5	1.1	.7	.1								3.5	4.9
NNW	.6	1.0	1.4									3.0	6.2
VARBL			.1									.1	9.0
CALM												16.5	
	22.5	37.0	19.6	3.6	.7							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 77-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	4.7	4.2	1.6								12.6	6.6
NNE	1.2	2.2	2.1	.6								6.1	6.5
NE	.8	1.6	.9	.1								3.5	5.8
ENE	.2	.8	.9									2.0	6.1
E	.9	1.2	.9									3.0	5.1
ESE	.2	.7	.5									1.4	5.4
SE	.7	.1		.1								.9	3.9
SSE		.9	.5	.1								1.5	6.4
S	1.0	2.2	1.7	.6	.1							5.7	6.5
SSW	1.6	3.9	3.7	1.2	.5							10.8	7.2
SW	1.3	2.9	3.2	1.0								8.4	6.9
WSW	1.3	2.9	2.3	.9								7.4	6.7
W	1.7	3.6	3.9	1.4								10.6	6.7
WNW	1.0	1.9	3.0	1.5	.1							7.5	7.5
NW	.7	1.8	1.2	.5								4.2	6.3
NNW	.6	1.4	1.2	.1								3.2	6.2
VARBL			.3	.1								.5	10.3
CALM												11.0	
	15.3	32.8	30.8	9.8	.7							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 667

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.4	3.7	1.8								9.3	7.5
NNE	.8	2.2	1.9	1.4								6.3	7.4
NE	.8	1.4	1.4	.7								4.3	6.9
ENE	.2	1.3	1.7	.4								3.6	7.2
E	.8	1.8	1.1	.3								4.0	5.9
ESE	.6	.7	1.1	.4								2.8	7.0
SE	.6	.4	.4	.2								1.7	5.9
SSE	.6	.4	.7									1.7	5.5
S	.7	1.3	2.4	1.0								5.4	7.5
SSW	1.1	1.3	2.6	1.7	.3	.2						6.9	9.0
SW	.8	2.4	2.4	2.4	.1	.1	.1					8.3	8.8
WSW	.2	1.9	2.3	1.9	.1	.1						6.5	9.1
W	.7	1.7	3.5	3.0	.7							10.4	10.0
WNW	1.0	2.2	3.3	2.6	.2							9.4	8.7
NW	.4	1.7	1.7	.7								4.4	7.7
NNW	.4	.7	2.0	.7								4.7	7.3
VARBL	.1	.1	3.7	1.8								5.7	9.6
CALM												4.8	
	10.0	24.6	36.0	21.8	1.3	.4	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 908

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.2	4.0	1.2	.1							8.0	7.8
NNE	.4	1.3	1.4	.9	.3							4.3	8.8
NE	.8	1.5	1.6	.9	.1							4.8	7.6
ENE	.8	1.7	1.4	.2								3.3	6.3
E	1.1	1.7	1.5	.5								4.8	6.5
ESE	.1	1.	.8	.2								2.0	6.9
SE	.8	.8	.4	.5								2.5	6.4
SSE	.3	.6	.9									1.8	6.1
S	.3	1.	1.9	.9								4.1	7.7
SSW	.4	1.	2.2	1.7	.2	.1						5.6	9.4
SW	.5	.9	3.5	3.1	.1	.2						8.4	10.1
WSW	.5	1.5	2.8	2.2	.3							7.3	9.4
W	.9	2.6	5.1	5.6	.6	.1						14.8	9.9
WNW	.5	1.3	2.2	1.8	.1							5.9	8.6
NW	.5	1.	1.5	1.3	.1							4.4	8.8
NNW	.5	2.	2.	.6	.1							5.4	7.2
VARBL	.1	.3	7.2	2.[illegible]	.5							10.2	9.6
CALM												2.6	
	9.1	21.2	40.3	23.7	2.7	.4						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621	ALCONBURY RAF UK	72-82	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	3.1	2.9	1.3	.3	.1						8.3	8.0
NNE	.7	1.2	2.3	1.2	.3							5.7	8.4
NE	.7	1.7	2.9	1.2	.1							6.5	8.1
ENE	.2	1.5	1.8	1.0								4.5	7.7
E	.3	1.1	2.1	.4								3.9	7.4
ESE	.1	.4	.9	1.1								2.5	9.4
SE	.1	.3	.3	.2								1.4	6.9
SSE	.6	.9	1.2	.6								3.2	7.3
S	.4	.6	1.2	.9								3.1	8.3
SSW	1.1	.9	1.3	1.2								4.5	7.6
SW	.8	1.4	2.5	3.9	.3	.2						9.2	10.0
WSW	.7	2.1	2.8	2.9	.6							8.8	8.9
W	.6	2.7	4.6	3.5	1.4	.2						13.0	10.2
WNW	.8	1.5	3.2	1.5	.1							7.2	8.4
NW	.3	1.7	1.8	.9								4.6	7.5
NNW	.7	1.5	1.9	.9	.1							5.1	7.4
VARBL			3.9	1.3	.2							5.4	10.0
CALM												2.9	
	8.5	22.9	37.6	24.1	3.5	.5						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 905

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.4	2.8	1.3								7.7	6.9
NNE	.4	3.3	3.5	1.3								8.4	7.5
NE	.6	2.8	2.1	.8								6.3	6.9
ENE	.5	2.9	1.8	.6								5.8	6.5
E	1.3	1.6	2.1	.3								5.3	6.3
ESE	.6	1.8	1.3	.4								3.8	6.3
SE	.3	1.3	.9	.1								2.5	6.5
SSE	.5	.8	.6	.5								2.4	6.6
S	1.4	.5	2.0	.1								4.0	6.0
SSW	.9	1.6	3.0	.9								6.4	7.5
SW	.9	2.3	2.4	1.1	.3	.1						7.1	7.9
WSW	1.9	3.5	2.5	1.8	.1							9.8	7.1
W	1.9	2.8	2.9	1.9								9.5	7.1
WNW	1.6	2.1	2.3	1.3								7.1	6.5
NW	1.3	.9	.9	.5								3.3	5.8
NNW	1.6	1.6	1.1	.5	.1							5.3	6.0
VARBL		.1	.1									.3	7.5
CALM												1.5	
	16.4	32.3	32.2	13.0	.5	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 793

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621	ALCONBURY RAF UK	72-82	AUG
STATION	STATION NAME	YEARS	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	3.0	3.0	3.3	.9								10.3	5.8
NNE	.7	3.3	1.3	.1								5.5	5.4
NE	1.0	2.9	1.2	.4								5.4	5.5
ENE	.1	1.5	1.3									2.9	6.2
E	2.3	2.8	1.5									6.5	4.6
ESE	1.7	1.7	.1									3.2	3.5
SE	.4	1.6	.7									2.8	5.3
SSE	.7	2.2	.4	.4								3.8	5.9
S	2.3	1.3	.9	.6								5.1	5.2
SSW	2.8	1.5	3.2	.7								8.2	6.1
SW	2.0	2.2	4.1	.4								8.4	6.1
WSW	1.2	3.6	1.9	.3								6.8	5.7
W	1.2	3.2	2.2	.6								6.3	6.6
WNW	.7	1.9	1.2	.6								4.4	6.7
NW	.7	1.7	.6	.1								3.3	5.2
NNW	.6	1.5	.1	.3								2.5	4.9
VARBL													
CALM												13.3	
	21.2	37.4	23.7	5.5								100.2	5.2

TOTAL NUMBER OF OBSERVATIONS 689

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 72-82 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	3.6	3.4	1.3	.1	.0						10.2	6.6
NNE	.9	2.4	1.9	.8	.1							6.1	6.8
NE	.9	1.9	1.5	.6	.0							4.8	6.6
ENE	.3	1.3	1.3	.1								3.2	6.7
E	.9	1.6	1.4	.2								4.1	5.9
ESE	.4	.9	.6	.3								2.2	6.3
SE	.5	.7	.4	.2								1.7	5.7
SSE	.4	.8	.6	.2								2.1	6.1
S	1.3	1.7	1.6	.6	.0							4.8	6.5
SSW	1.5	2.1	2.3	1.2	.2	.0						7.5	7.0
SW	1.3	2.5	3.0	1.8	.1	.1	.0					8.9	7.8
WSW	1.1	2.6	2.3	1.4	.2	.0						7.5	7.5
W	1.2	3.0	3.5	2.4	.4	.0						10.5	8.3
WNW	.9	1.9	2.3	1.3	.1							6.6	7.6
NW	.7	1.4	1.2	.6	.0							3.9	6.7
NNW	.7	1.5	1.4	.4	.0							4.2	6.7
VARBL	.0	.1	2.2	.7	.1							3.1	9.7
CALM												8.6	
	15.4	29.5	30.8	14.1	1.4	.0	.0					100.2	6.5

TOTAL NUMBER OF OBSERVATIONS 6498

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	3.1	3.6	.9								8.4	7.0
NNE	.5	.9	.9	.4	.2							2.9	7.4
NE	.7	.4	.7	.2	.2							2.2	6.9
ENE		.2	.4									.5	6.0
E	.5	1.?	.4	.4								2.6	5.6
ESE	.7	.4	.4	.4								1.8	6.1
SE	.4	1.1	.7	.4	.2							2.7	7.3
SSE	.5	1.?	.9	.5								3.3	6.4
S	2.4	2.?	2.2	.5	.2							8.0	5.8
SSW	3.5	3.6	4.7	1.6	.5							13.5	6.9
SW	1.5	4.4	4.9	.7								11.5	6.7
WSW	1.6	2.9	2.8	1.5	.2							8.2	7.0
W	.7	3.6	4.0	.5								8.9	6.7
WNW	1.6	1.1	.4	.2								3.3	4.4
NW	1.5	1.3	.4	.2	.9							4.2	7.6
NNW	.9	1.?	1.?	1.1	.2							5.3	7.7
VARBL			.2	1.1		.4						1.6	15.2
CALM												11.1	
	17.9	29.5	28.1	10.6	2.6	.4						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 549

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0330-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.3	3.1	.5	.1							7.1	6.7
NNE	.4	.8	.4	.1	.1							1.8	6.3
NE	.3	.1	.9									1.3	6.4
ENE	.1	.4	.1									.6	4.8
E	.4	.9	.6	.3								2.2	6.4
ESE	.5	.9	.5	.1								2.1	5.7
SE	.3	.6	.5									1.4	5.6
SSE	1.2	1.2	.9	.1								3.3	5.2
S	1.9	5.3	3.1	1.3								11.5	6.2
SSW	3.3	5.1	3.7	1.5	.3							14.0	6.3
SW	1.9	6.7	3.7	1.9	.1							14.4	6.6
WSW	1.7	3.7	2.4	.8								8.6	6.0
W	1.4	3.5	3.3	.9								9.1	6.5
WNW	.4	1.7	1.0									3.1	5.9
NW	.6	1.2	1.0	.1	.3							3.2	7.2
NNW	.5	1.0	1.4	.5	.5	.3						4.2	9.8
VARBL			.6	.4	.1	.1						1.3	12.9
CALM												10.9	
	15.9	35.3	27.4	8.6	1.5	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 780

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621 (STATION) ALCONBURY RAF 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	1.7	2.2	3.2	1.6	.4							9.3	7.8
NNE	.4	.2	.4									1.0	5.6
NE	.4	.7	.7									1.8	5.4
ENE	.2	.2	.5									1.0	6.1
E	.5	.9	.7	.2								2.3	5.9
ESE	.1	.4	.2	.2	.1							1.1	8.7
SE	.5	.6	.9									2.2	5.9
SSE	.5	1.6	2.0	.4								4.4	6.6
S	2.0	3.6	2.6	.7	.4							9.4	6.3
SSW	2.0	5.7	4.9	2.0								14.5	6.7
SW	.4	5.0	4.8	3.1		.2						13.4	8.3
WSW	1.0	4.2	3.1	1.8	.1							10.1	7.4
W	1.3	3.2	3.8	1.3	.6							10.3	7.7
WNW	.4	1.6	1.7									3.7	6.2
NW	.2	.9	1.7	.7	.2							3.8	6.9
NNW	.2	.7	1.3	.6	.4							3.3	9.4
VARBL			.1		.1							.2	15.0
CALM												9.1	
	11.7	32.2	32.5	13.0	2.3	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 818

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.4	2.9	3.0	.1							8.4	9.2
NNE	.6	.8	1.3									2.7	6.2
NE	.6	.6	.2									1.4	4.3
ENE	.7	.2	.7	.5								2.1	6.3
E	.8	.7	.7	.6								2.8	6.7
ESE	.4	.2	.9	.4	.1							2.0	8.5
SE	.2	.5	.9	.7								2.3	8.6
SSE	.5	1.1	.8	.6								2.9	7.2
S	.6	2.5	3.4	2.3	.5							9.2	8.5
SSW	.5	1.0	5.1	2.1	.1							9.7	8.5
SW		1.9	4.0	5.1	.6	.4						11.9	11.1
WSW	.5	1.4	3.3	4.4	.5							10.0	10.3
W	1.4	1.8	5.5	5.5	.4	.2						14.7	9.9
WNW	.1	.8	2.1	1.1	.6							4.7	10.1
NW	.2	.4	1.6	1.1	.4							3.9	9.6
NNW	.1	1.4	1.9	.5	.6	.1						4.6	9.4
VARBL			2.6	1.5	.1							4.2	10.2
CALM												2.6	
	8.1	17.6	37.9	29.3	3.9	.7						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 857

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

15621	ALCONBURY RAF UK	73-82	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.9	3.0	1.5	.2							6.8	9.1
NNE	.1	.9	1.4	.5								2.9	7.8
NE	.1	1.0	.8									1.9	6.3
ENE	.5	.2	.5	.2								1.4	6.9
E	.5	1.5	.6	.6								3.1	6.4
ESE	.5	.3	.7	.7								2.1	7.7
SE	.7		.6	.7	.2							2.2	6.8
SSE	.2	.1	.6	.8	.1							1.8	9.8
S	.5	1.8	3.1	1.8	.2	.1						7.6	9.0
SSW	.6	2.2	3.1	3.2	.7	.1						9.5	9.7
SW	.3	.9	3.1	5.3	.3		.2					10.3	11.8
WSW	.7	1.3	3.7	3.8	1.3	.1						10.1	11.4
W	.7	1.6	7.2	6.6	1.7							17.8	10.7
WNW	.1	1.7	2.1	2.4	.7	.1						7.1	10.4
NW	.2	.7	1.3	.6	.7							3.4	10.1
NNW	.5	1.1	.9	.5	.5							3.4	8.6
VARBL			4.5	2.2								6.6	9.9
CALM												2.1	
	6.3	16.2	36.8	31.5	6.3	.5	.3					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 874

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03521 (STATION) ALCONBURY RAF UK (STATION NAME) 72-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.8	2.3	2.1	.2							5.8	9.7
NNE	.1	.2	1.9	.7								2.9	9.2
NE	.5	.8	1.2	.1								2.6	6.2
ENE	.4	.4	.7	.1								1.5	6.5
E	.5	.7	.9	1.1								3.2	8.2
ESE	.6	.6	.6	.5								2.2	6.8
SE	.4	.6	.2	.7								1.9	7.9
SSE	.2	.5	1.1	.2	.1							2.1	8.1
S	.1	2.9	3.7	1.1	.2							8.1	8.0
SSW	.5	3.5	2.9	2.2	.7	.1						10.0	9.1
SW	.6	1.[illegible]	3.4	3.9	.5	.2						9.7	10.4
WSW	1.1	1.4	2.7	3.7	1.1	.1	.2					10.3	11.0
W	.5	2.3	6.8	5.2	.8							15.6	10.0
WNW	.4	1.[illegible]	3.4	2.3	1.1	.1						9.1	10.3
NW	.8	1.3	1.6	.8	.4	.2						5.2	8.9
NNW	.7	1.6	.8	.[illegible]	.2							4.1	7.3
VARBL			2.2	.9	.1							3.3	10.3
CALM												2.5	
	7.5	2[illegible].7	36.5	26.3	5.4	.3	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 654

CLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 72-82 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.5	2.3	1.8	.5							6.8	8.9
NNE	.5	1.1	1.2	.1								3.0	6.3
NE	.4	1.1	1.4									2.9	6.3
ENE	.4	.8	.7	.1								2.0	5.9
E	.7	.7	1.0	.1								2.5	6.1
ESE	.8	1.1	.4	.5								2.9	6.4
SE	.7	.8	.8	.4								2.7	6.6
SSE	1.0	1.1	2.0									4.1	5.8
S	3.7	2.3	4.5	1.1	.4							12.0	6.5
SSW	2.5	1.1	2.3	.8	.1							6.8	6.7
SW	1.5	1.9	4.1	2.6	.4	.1						10.6	8.7
WSW	1.4	3.1	3.3	2.2	.3	.1	.1					10.5	8.2
W	2.6	2.9	2.9	1.4								9.7	6.1
WNW	1.4	2.2	1.9	.8	.4							6.7	7.3
NW	.5	1.9	1.1	.7	.4							4.6	7.7
NNW	.5	1.8	.4	.4								3.1	6.2
VARBL			.3									.3	9.0
CALM												8.9	
	19.2	25.3	30.5	13.1	2.6	.3	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 734

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 77-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.4	3.0	1.1	.3							7.2	7.7
NNE	.2	.6	.6	.2	.2							1.7	7.7
NE	.2	.8	.3	.5								1.7	7.2
ENE	.6	.9	1.1									2.7	5.4
E	.3	1.3	.5	.6								2.7	7.1
ESE	.2	.6	.3	.2	.2							1.4	7.8
SE	.6	1.1	1.4		.2							3.3	6.5
SSE	.6	2.7	.9	.2	.2							4.6	5.7
S	1.9	3.6	2.7	.6	.5							9.3	6.8
SSW	4.1	3.1	3.6	1.7	.5							13.0	6.4
SW	2.2	2.5	4.4	3.2	.2							12.6	7.9
WSW	1.7	3.0	2.2	.7	.5	.2						8.4	7.4
W	2.0	2.4	2.8	.2	.2							7.5	5.9
WNW	1.4	2.0	.9	.6	.3							5.3	6.6
NW	.6	1.6	.8	.5	.3							3.8	7.3
NNW	1.1	1.3	1.7	.6	.2							4.9	7.3
VARBL				.2								.2	15.0
CALM												10.2	
	19.2	28.9	27.3	10.7	3.5	.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 637

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03521	ALCONBURY RAF UK	73-82	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.6	2.9	1.7	.2							7.4	8.3
NNE	.3	.7	1.[illegible]	.?	.[illegible]							2.4	7.2
NE	.4	.7	.[illegible]	.1	.[illegible]							2.0	6.1
ENE	.4	.4	.6	.1								1.5	6.1
E	.5	1.	.7	.5								2.7	6.7
ESE	.5	.5	.5	.4	.[illegible]							1.9	7.1
SE	.5	.7	.7	.4	.1							2.3	7.2
SSE	.6	1.1	1.1	.4	.[illegible]							3.2	6.6
S	1.5	3.1	3.2	1.2	.3	.[illegible]						9.4	7.1
SSW	1.9	3.3	3.7	1.9	.3	.[illegible]						11.2	7.5
SW	1.0	3.[illegible]	4.[illegible]	3.4	.3	.1	.[illegible]					11.8	9.0
WSW	1.1	2.6	2.9	2.4	.5	.1	.[illegible]					9.6	8.9
W	1.3	2.6	4.7	3.[illegible]	.5	.[illegible]						12.1	8.7
WNW	.6	1.[illegible]	1.8	1.[illegible]	.4	.[illegible]						5.5	8.5
NW	.6	1.1	1.2	.6	.4	.[illegible]						4.0	8.5
NNW	.5	1.[illegible]	1.3	.6	.3	.[illegible]						4.0	8.3
VARBL			1.5	.8	.1	.[illegible]						2.4	10.7
CALM												6.6	
	12.6	25.2	32.6	18.8	3.6	.[illegible]	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 6103

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	3.2	1.8	.7	.4							7.6	6.4
NNE	.7	.7	2.0	.4								3.8	7.0
NE	.2	1.4	1.3									2.9	5.8
ENE		1.6	.5									2.2	5.8
E	1.1	1.8	.4									3.2	4.6
ESE	1.8	.5	.2	.7								2.7	3.7
SE	.5	1.4	1.3	.9								4.1	7.4
SSE	1.1	.9	.9	.9								3.8	6.8
S	3.6	2.9	2.0	.2	.7							9.4	6.0
SSW	3.8	4.5	1.3	1.4	.4							11.0	5.9
SW	2.2	3.1	1.8	1.4	.2							8.6	6.6
WSW	1.3	2.7	1.6	.5								6.1	6.0
W	1.8	1.6	3.1	2.7	.2	.2						9.5	8.2
WNW	1.3	.7	1.1	.9	.5	.7						5.2	10.6
NW	.7	.7	.7			.4						2.5	7.9
NNW	1.1	.4	2.0	2.3	1.4							7.2	11.0
VARBL													
CALM												10.1	
	22.2	28.3	21.8	12.6	3.8	1.3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 555

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 7?-82 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.6	1.6	.6	.6							7.2	7.0
NNE	.8	1.4	1.4	.6								4.1	6.8
NE	.4	.5	.3	.1								1.3	5.8
ENE	.6	1.0	.9									2.5	5.7
E	1.5	1.6	1.0									4.1	4.3
ESE	.6	1.5	.5	.6								3.3	6.5
SE	.6	.9	1.4	.3								3.1	6.6
SSE	1.1	1.4	1.5	.5	.1							4.6	6.5
S	2.1	2.9	3.1	.6	.5							9.3	6.7
SSW	2.5	3.0	2.0	1.3								8.8	6.1
SW	1.8	3.3	2.0	2.1	.4							9.5	7.6
WSW	1.1	3.6	2.8	1.1								8.6	6.6
W	2.3	2.1	3.4	1.6	.3	.1						9.9	7.8
WNW	.8	1.4	1.8	.5	.6							5.0	8.3
NW	.6	.4	1.4	.4	.3	.1						3.1	8.9
NNW	.6	.8	1.8	1.8	.5							5.4	9.9
VARBL													
CALM												10.3	
	18.9	28.3	26.7	12.2	3.3	.4						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621	ALCONBURY RAF UK	72-82	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.2	1.8	.9		.4						7.3	6.9
NNE	.7	.5	.7	.6								2.6	7.0
NE	.4	.6		.2	.1	.1						1.5	8.8
ENE	.4	.6	1.1									2.1	6.2
E	1.0	2.9	1.2									5.1	5.0
ESE	.6	.9	1.4	.6								3.5	6.9
SE	.2	2.1	.6	1.1								4.1	7.0
SSE	.7	1.5	1.0	.7								3.5	7.0
S	2.6	3.5	2.8	1.5	.2	.2						10.4	6.9
SSW	2.5	4.7	1.2	1.4	.2							10.0	6.0
SW	1.1	3.7	1.8	3.1	.1							9.9	6.0
WSW	1.1	2.7	2.7	1.7	.2							8.5	7.8
W	.9	2.3	3.1	1.5	.2							8.0	7.9
WNW	1.1	.5	2.2	1.2	.5	.1						5.7	9.4
NW	.7	.7	1.4	1.5	.2							4.1	8.5
NNW	.4	.9	2.5	1.5	.4	.1						5.2	9.8
VARBL				.2								.2	14.0
CALM												3.6	
	16.4	29.7	25.2	16.8	2.3	1.0						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 811

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03521	ALCONBURY RAF UK	72-82	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2200-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.0	2.3	3.2	.2	.4						9.8	9.0
NNE	.6	.7	1.9	.2	.4							3.8	8.1
NE	.4	.4	.8	.4								1.9	7.4
ENE		.1	.5	.4								1.-	9.0
E	.7	.9	1.9	.7	.2							4.4	7.9
ESE	.4	1.2	1.9	.6		.1						4.2	6.1
SE	.2	1.7	1.7	.8		.1						4.2	8.3
SSE	.4	.8	1.4	1.1								3.7	8.2
S	1.1	2.6	3.2	2.5	.2							9.7	8.3
SSW	.6	3.2	3.5	2.5	.1							9.5	8.3
SW	.8	2.3	3.6	4.2	.4	.1						11.4	9.9
WSW	.5	1.3	1.9	1.9	.7	.1						6.5	10.0
W	.6	1.3	2.4	3.7	.6							8.6	10.4
WNW	.2	1.2	.8	2.8	1.3							6.3	11.6
NW	.4	.4	1.6	1.3	.7	.2						4.2	11.6
NNW	.1	.7	2.2	1.8	.4	.2						5.4	10.8
VARBL			.1	.2								.4	12.3
CALM												5.4	
	3.9	20.2	31.7	27.5	4.9	1.2						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 835

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 72-82 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	≤1 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.3	3.7	2.1	1.1	.1						1.2	9.6
NNE	.2	.5	1.4	1.4	.5							4.2	10.6
NE	.2	.4	1.2	.9								2.7	9.1
ENE	.1	.4	.1	.2								.8	7.1
E	.1	1.4	.9	1.1	.1							3.6	9.2
ESE	.2	.9	1.3	.8	.1							2.9	9.0
SE	.1	.9	1.8	1.3	.2							4.2	9.5
SSE	.6	1.2	2.5	2.1								6.3	8.8
S	.4	1.5	4.5	3.2	.1							9.3	9.3
SSW	.6	1.1	2.6	2.9	.1							7.2	9.4
SW	.6	1.2	3.6	4.3	.6							10.3	10.4
WSW	.4	1.4	2.9	2.6	.6	.1						7.2	10.6
W	.5	1.5	1.3	3.9	.6	.2						7.9	11.0
WNW	.5	1.3	1.2	3.3	.6	.7						7.5	11.8
NW	.9	1.5	1.2	2.0		.1						5.7	8.7
NNW	.2	.5	1.3	2.2	.7	.2						5.1	12.1
VARBL		.2	.7	.5								1.4	9.3
CALM												3.9	
	6.4	17.7	30.6	34.7	5.3	1.5						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 857

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.1	1.7	1.8	.5	.1						7.6	8.4
NNE	1.2	.6	2.1	1.4								5.4	7.7
NE	.1	.5	1.6	.5								2.6	8.5
ENE	1.1	.2	.8									2.1	5.3
E	.8	1.1	1.1	.7	.1							3.8	7.3
ESE	.2	.8	1.2	.2								2.5	6.8
SE	.4	1.3	1.3	1.6								4.5	8.7
SSE	.7	1.2	1.4	1.3	.1							4.8	8.3
S	1.7	3.2	3.9	1.6	.2							10.6	7.6
SSW	.6	2.5	2.4	2.6	.3							8.4	9.0
SW	.5	2.3	3.7	2.4	.7							9.3	9.6
WSW	.7	1.2	1.7	1.7	.2							5.5	9.0
W	1.4	1.9	2.6	3.0	.6							9.5	8.8
WNW	.4	1.7	2.0	1.8	.6	.2						6.7	10.0
NW	.2	1.3	1.9	1.8								4.9	9.1
NNW	.8	1.1	1.8	.6	.7							5.0	8.4
VARBL			.2	.1								.4	11.0
CALM												6.3	
	12.3	22.4	31.5	23.0	4.1	.4						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 838

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35521 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.8	2.3	1.2	.3							7.1	7.5
NNE	1.2	2.0	1.4	.1								4.8	5.4
NE	.4	1.1	1.0									2.5	5.7
ENE	.8	1.1	1.0									2.9	5.3
E	1.1	1.5	1.2									3.8	4.8
ESE	1.2	1.8	1.8		.3							5.0	6.2
SE	.5	1.8	1.2	.5								4.1	6.8
SSE	.5	1.5	1.9	.5								4.5	6.7
S	2.6	2.3	2.2	1.6	.4							9.1	7.0
SSW	4.1	2.3	1.4	1.5	.1	.3						9.7	6.1
SW	1.4	2.2	4.5	1.2	.4							9.7	7.8
WSW	1.6	2.3	2.2	1.9	.1							8.2	7.6
W	1.5	3.0	3.5	1.0								9.0	6.4
WNW	1.0	1.3	1.6	1.1	.4							5.3	8.6
NW	.1	.5	.4	1.1	.3							2.5	10.7
NNW	.5	.5	2.2	1.4	.1							4.8	9.1
VARBL													
CALM												7.4	
	20.2	26.7	29.7	13.2	2.5	.3						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 733

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621	ALCONBURY RAF UK	73-82	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.[illegible]	2.4	.8	.2							7.0	6.8
NNE	.3	1.1	1.7	.[illegible]								3.5	7.3
NE	.6	1.2	.9									2.7	5.4
ENE	.3	.8	.5									1.5	5.4
E	.9	1.7	1.2									3.8	5.2
ESE	.8	2.[illegible]	1.1									3.8	5.1
SE	.8	.6	.8	.8	.2							3.1	7.7
SSE	.9	2.3	.8									4.0	5.1
S	2.9	4.1	3.4	.8								11.1	5.7
SSW	4.3	4.[illegible]	1.5	1.4	.2							11.3	5.7
SW	1.4	1.[illegible]	1.8	2.1	.5	.[illegible]						7.8	8.5
WSW	1.5	3.4	3.1	1.4	.3							9.6	7.[illegible]
W	.8	1.2	4.1	1.2	.3							7.6	8.2
WNW	.5	.8	1.5	.6	.5	.3						4.1	10.3
NW	.5	1.[illegible]	.3	.5	.3							2.6	8.2
NNW		.[illegible]	1.2	2.4	.6							5.2	11.2
VARBL			.2									.2	8.0
CALM												11.0	
	18.0	28.9	26.4	12.4	2.9	.5						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 655

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 77-82 (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	1.5	2.2	2.2	1.5	.4	.1						8.0	8.0
NNE	.7	.9	1.6	.7	.1							4.0	7.5
NE	.3	.7	.9	.3	.0	.0						2.2	7.2
ENE	.4	.7	.7	.1								1.9	5.9
E	.9	1.6	1.2	.3	.1							4.0	6.1
ESE	.7	1.1	1.2	.4	.0	.0						3.5	6.7
SE	.4	1.3	1.3	.9	.0	.0						3.9	7.9
SSE	.7	1.3	1.5	.9	.0							4.4	7.4
S	2.0	2.9	3.1	1.5	.3	.0						9.9	7.3
SSW	2.2	3.1	2.0	1.9	.2	.0						9.3	7.0
SW	1.2	2.4	2.9	2.7	.4	.0						9.7	8.7
WSW	1.0	2.3	2.2	1.7	.3	.0						7.5	8.1
W	1.2	1.9	2.9	2.4	.4	.1						8.8	8.6
WNW	.7	1.1	1.5	1.6	.6	.2						5.7	10.2
NW	.5	.8	1.2	1.0	.2	.1						3.8	9.3
NNW	.5	.7	1.8	1.7	.6	.1						5.3	10.3
VARBL		.0	.2	.1								.3	10.4
CALM												7.6	
	14.9	25.0	28.3	19.7	3.7	.6						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 6082

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-77,79,81-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	3.1	2.1	1.0								8.4	6.3
NNE		.2	1.3	.2								1.7	8.1
NE	.4		.2									.6	4.7
ENE	.4		.6									1.0	6.8
E	.8	1.2										2.1	4.1
ESE			.2									.2	7.0
SE	.2	.2	.6									1.0	6.6
SSE	.4	.6	.6	.2	.2							2.1	7.4
S	2.7	2.3	3.8	1.5	.4							10.7	7.2
SSW	3.3	5.2	3.6	1.9		.2						14.0	6.3
SW	1.9	1.7	5.2	4.4	.2	.6						13.8	9.7
WSW	1.0	3.6	3.6	2.5	.6							11.3	8.4
W	.6	2.7	5.6	1.3	1.5	.2						11.9	9.2
WNW	1.3	2.3	.8	1.9	.2	.2						6.7	8.5
NW	.6	.2	1.0	1.3		.2						3.3	10.3
NNW	.8	1.0	1.3	.2	1.0							4.4	9.4
VARBL													
CALM												6.7	
	16.7	24.3	35.3	16.3	4.2	1.5						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 478

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

15621 (STATION) ALCONBURY RAF UK (STATION NAME) 72-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	3.2	1.1	1.1	.4							7.9	6.5
NNE	.3	.8	.6	.1								1.8	5.7
NE		.4	.4	.3								1.1	8.0
ENE	.4	.3	.3	.3	.1							1.4	8.3
E	.3	.3		.4								1.0	8.1
ESE	.1	1.[illegible]	.1	.1								1.4	5.1
SE	.4	.3	.3									1.0	4.7
SSE	.4	1.[illegible]	1.[illegible]		.1							2.5	6.8
S	1.7	3.2	3.9	1.8	.4	.1						11.0	7.6
SSW	1.1	3.2	4.4	3.6	.3							12.5	8.4
SW	1.2	2.5	3.3	5.1	.4	.4						12.9	9.6
WSW	1.5	2.6	4.1	3.9	.4							12.5	8.8
W	.7	4.4	4.7	2.[illegible]	.6	.4						13.2	8.8
WNW	.3	1.4	1.2	1.9	.8							5.[illegible]	9.8
NW	.3	.[illegible]	1.[illegible]	.7								2.6	8.3
NNW	.6	1.[illegible]	1.1	1.7	.4							4.7	9.9
VARBL			.1									.1	10.0
CALM												7.2	
	11.3	26.0	27.5	23.4	3.6	1.0						100.[illegible]	7.8

TOTAL NUMBER OF OBSERVATIONS 726

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 77-82 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.0	1.7	1.8								7.8	7.2
NNE	.3	.1	.4									.8	6.0
NE	.4	.3	.8	.3								1.7	7.2
ENE		.3	.4	.5	.3	.1						1.6	12.3
E	.6	.4	.1	.1								1.3	4.7
ESE	.5	.4	.5	.1								1.6	5.8
SE	.4	1.3	.5									2.2	5.5
SSE	.3	1.3	.6	.1								2.3	6.1
S	.9	3.1	3.0	2.3	.5							9.9	8.4
SSW	1.4	3.0	3.0	3.6	.9	.1						13.0	8.8
SW	1.2	4.3	4.4	4.5	.3	.3						14.9	8.9
WSW	.8	3.7	4.9	1.7								10.6	7.4
W	1.6	2.2	5.6	3.0	.6	.1	.1					13.2	9.3
WNW	.6	1.3	1.4	.9	.3	.4						4.9	9.5
NW	.3	.6	.6	.9								2.5	8.4
NNW	.3	.8	1.9	2.3	.3	.1						5.7	10.1
VARBL			.1	.3								.4	13.0
CALM												5.6	
	13.9	26.5	30.1	22.6	3.1	1.2	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 770

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.9	2.7	1.6	.4							7.2	8.4
NNE	.9	.5	1.0									2.7	5.4
NE	.3	.5	.3	1.3								2.3	9.4
ENE	.1	.4	.4	.3	.1	.1						1.4	10.4
E	.1	.4	.3			.1						.9	8.1
ESE		.9			.1							1.0	6.8
SE	.1	.8	.9	.1								1.9	6.9
SSE	.6	.5	1.6	.1								2.9	6.7
S	.8	2.8	1.9	2.8	.5	.4						9.1	9.4
SSW	1.1	3.5	4.7	3.7	.9	.1						14.1	9.3
SW	.4	2.9	4.9	6.3	1.3							15.7	10.7
WSW	.6	1.8	3.7	3.2	.4							9.6	9.5
W	1.3	1.5	4.4	3.2	1.0	.1						11.5	9.7
WNW	.3	.3	1.4	2.0	.8	.4						5.1	13.0
NW		.5	.9	1.9	.3							3.5	11.4
NNW	.5	1.1	2.8	1.8	.1	.3	.1					7.7	10.2
VARBL			.6	.8	.3	.3						1.9	14.3
CALM												2.5	
	7.7	20.4	32.4	29.0	6.1	1.8	.1					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 790

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 72-82 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.8	2.8	1.3	.1	.1						6.4	8.8
NNE	.4	.2	.1	.5								1.2	8.5
NE	.1	.5	.8	.6								2.1	8.4
ENE	.2	.1	.8	.5	.5	.1						2.3	11.5
E	.6	.4	.4	.2	.2							2.1	7.6
ESE	.1	.2			.1							.5	7.3
SE	.1	.6	.1	.2								1.1	7.3
SSE	1.0	.7	1.1	.8								3.6	7.3
S	1.1	1.7	2.3	1.7	.5	.2						7.5	9.1
SSW	.8	2.1	3.4	3.5	2.1	1.0						12.8	11.7
SW	.5	1.7	5.9	6.9	2.1	.1						17.1	11.2
WSW	.1	1.1	3.1	4.0	.7							9.0	11.0
W	.6	1.2	3.0	4.5	.7	.1						10.1	10.8
WNW	.2	.6	1.2	3.3	1.1	.8	.2					7.5	14.0
NW	.4	.5	1.7	2.5	1.6							6.6	12.4
NNW		.7	2.2	2.3	.4	.5						6.0	11.7
VARBL			.2	1.0	.1	.2						1.6	15.5
CALM												2.5	
	6.8	14.1	29.2	33.8	10.1	3.3	.2					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 829

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 72-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.3	2.2	.8	.1	.4						5.8	8.3
NNE	1.0	.5	.6	.6								2.7	6.3
NE	.4	.1	.6	1.1								2.2	9.3
ENE			.1	.5	.4							1.0	14.5
E		.1	.2	.2	.1							.7	11.5
ESE	.4	.5	.2	.2								1.3	6.1
SE	.4	.6	.5									1.5	5.4
SSE	.6	.6	.7	.7								2.7	7.1
S	1.6	1.8	2.1	2.1	.8							8.4	8.7
SSW	1.6	3.8	3.0	2.9	1.1	.4						12.7	8.9
SW	.5	3.0	6.4	6.8	.8	.1						17.8	10.3
WSW	.4	1.5	2.4	2.7	.4							7.3	9.7
W	1.5	2.8	3.0	3.2	1.0	.1						11.5	9.2
WNW	.6	1.5	3.4	2.9	.8	.5						9.7	10.7
NW	.4	1.0	2.2	1.1	.2	.1						5.0	9.0
NNW	.4	1.0	1.6	1.5	.2	.1						4.7	9.6
VARBL			.1	.4	.1							.6	14.2
CALM												4.5	
	10.5	20.0	29.5	27.6	6.2	1.7						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 825

CLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

25521 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.5	2.0	.3	.3	.1						6.6	6.6
NNE	.7	.4	.7	.1								2.0	6.1
NE	.1	.1	.6	.7								1.5	9.5
ENE			.1	.1	.6							.8	16.5
E	.1	.3	.4		.1							1.0	7.6
ESE			.1									.1	8.0
SE	.3	.4	.3									1.0	5.1
SSE	.8	.7	.6	.3								2.4	5.5
S	2.1	3.4	2.2	1.0	.8	.1						9.7	7.7
SSW	2.0	3.4	3.4	3.9	.4	.3						13.3	8.9
SW	1.1	2.9	5.3	5.2	.8							15.4	9.4
WSW	1.4	1.4	1.1	2.8	.4							7.2	9.0
W	1.5	4.6	2.8	4.1	.8							13.9	8.5
WNW	.4	2.1	2.2	2.2	.1	.3						7.4	9.1
NW	1.1	1.9	1.4	.7								5.1	6.0
NNW	.3	1.0	1.8	1.3	.6	.1						5.1	10.4
VARBL				.4	.4							.8	16.5
CALM												6.6	
	13.5	25.1	25.1	23.2	5.5	1.0						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 712

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 72-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	3.2	2.2	1.2	.1							8.2	6.8
NNE		.4	.7	.1								1.3	7.9
NE		.4	.6	.9								1.9	9.8
ENE	.1	.3	.1	.3	.1							1.0	9.7
E	.7	.3	.3	.1								1.5	4.8
ESE	.3											.3	2.5
SE	.4		.3									.7	5.2
SSE		.4	.7									1.2	6.6
S	1.8	2.0	2.6	1.5	.4	.1	.1					9.5	7.9
SSW	1.2	3.6	2.8	3.5	.4							11.5	8.6
SW	1.3	4.8	5.0	5.8	1.5	.1						18.5	9.4
WSW	1.8	2.0	3.1	3.8	.1							10.4	8.6
W	1.2	3.5	4.5	1.9	.6	.4						12.1	8.7
WNW	.4	1.6	2.3	1.2	.1		.1					6.0	8.5
NW	1.2	.7	1.0	.9								3.9	6.8
NNW	.9	.6	1.5	1.8	.4							5.1	9.5
VARBL			.3	.1	.1		.1					.7	15.6
CALM												6.1	
	12.3	25.2	28.0	23.1	4.1	.7	.4					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 685

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03521 (STATION) ALCONBURY RAF UK (STATION NAME) 72-82 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.4	2.1	1.2	.2	.1						7.2	7.4
NNE	.5	.4	.6	.2								1.6	6.5
NE	.2	.3	.6	.7								1.7	8.7
ENE	.2	.2	.4	.3	.3	.1						1.3	11.3
E	.4	.4	.2	.2	.1	.1						1.3	6.8
ESE	.2	.4	.2	.1	.1							.8	5.9
SE	.3	.6	.4	.1								1.3	5.9
SSE	.5	.7	.9	.3	.0							2.5	6.7
S	1.5	2.1	2.6	1.9	.6	.1	.0					9.4	8.3
SSW	1.5	3.5	3.5	3.4	.8	.3						13.0	9.0
SW	1.0	3.1	5.1	5.7	1.9	.2						15.9	10.0
WSW	.9	2.1	3.3	3.1	.4							9.6	9.0
W	1.1	2.8	4.1	3.0	.8	.2	.0					12.2	9.3
WNW	.5	1.3	1.8	2.1	.5	.3	.1					6.6	10.6
NW	.5	.8	1.3	1.3	.3	.						4.1	9.3
NNW	.4	.9	1.8	1.7	.4	.2	.0					5.4	10.2
VARBL			.2	.4	.1	.1	.0					.8	14.8
CALM												5.1	
	12.8	22.4	29.0	25.5	5.5	1.2	.1					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 5815

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

25621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-78,81-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.1	1.8	.6	.6	.4						5.5	9.9
NNE	.6	.8	1.0									2.5	5.7
NE	.4	1.0	.8	.6								2.9	6.4
ENE	.2	.4	.4									1.0	5.6
E	.2	1.4	.8									2.5	5.1
ESE	.2	1.0	.6	.6								2.1	6.
SE	.6	.8	.6	.6	.2	.2						3.1	8.
SSE	.2	1.2	2.1	1.0								4.5	8.5
S	.2	1.4	1.8	2.3								5.7	9.4
SSW	1.6	2.7	.8	3.1		.2						8.4	8.3
SW	.8	3.1	4.7	5.5	1.2							15.4	10.3
WSW	1.4	4.0	3.7	2.7	.2	.2						12.1	7.7
W	2.5	5.7	4.5	3.9	1.0	.2						17.5	8.5
WNW	.4	1.8	1.2	.6		.2						4.3	7.9
NW		.4	.4	.8	.4							2.1	11.7
NNW	.4	.6	1.2	1.0								3.3	8.9
VARBL													
CALM												.1	
	9.9	29.8	26.7	23.4	3.7	1.4						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 487

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 72-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.4	2.8	1.1	.1							7.5	7.3
NNE	.4	.4	.5	.1								1.5	6.5
NE	.1	.[illegible]	.9									1.9	6.3
ENE	.8	.3	.5	.1								1.7	5.4
E	.7	.9	.7									2.3	4.8
ESE	.1	1.[illegible]	1.3	.3								3.2	6.4
SE	.3	.9	.9	.9								2.9	8.4
SSE	.5	.5	1.5	.8	.3							3.6	8.8
S	.5	1.6	2.4	1.3	.3							6.2	8.6
SSW	1.2	2.[illegible]	3.1	2.7	.4	.1						10.5	8.5
SW	1.2	3.4	4.6	6.2	1.6	.3	.1					17.3	10.4
WSW	1.5	3.6	3.4	2.1	.3	.4						11.3	8.0
W	.8	3.5	4.2	2.8	.5	.[illegible]						12.1	8.9
WNW	.4	.[illegible]	1.1	1.7	.8	.1						5.1	11.3
NW	.1	.4	.7	1.1	.3							2.5	10.2
NNW	.3	.[illegible]	.8	1.3	.5							3.8	10.5
VARBL				.1								.1	16.0
CALM												6.6	
	11.1	24.[illegible]	29.4	22.8	5.1	1.2	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 746

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.9	2.1	1.1	.4	.1						7.6	7.6
NNE	.6	.8	1.3	.1								2.9	6.7
NE	.4	.4	.5	.1								1.3	6.2
ENE	.4	.7	.2									1.3	4.5
E	.2	1.0	1.0									2.2	5.8
ESE	.3	1.1	.7	.1								2.4	6.0
SE	.6	1.0	1.1	1.6								4.2	8.5
SSE	.2	.7	1.2	.7	.1							3.0	8.5
S	.7	1.6	2.1	1.3	.1	.1						6.1	8.6
SSW	1.3	3.9	3.4	1.3	.8	.1						11.0	8.0
SW	1.9	3.2	5.5	5.0	1.2	.1						16.7	9.4
WSW	1.1	3.2	4.3	2.7	.5	.5	.1					12.0	9.3
W	.7	3.8	4.4	3.4	.5							12.7	8.6
WNW	.5	.6	1.0	1.0	.8	.2						4.1	11.6
NW	.1	.5	.6	1.5		.1						2.8	10.3
NNW	.5	.7	.8	1.9	.1							4.1	10.0
VARBL				.2								.2	13.5
CALM												5.0	
	10.8	26.0	29.9	22.1	4.6	1.5	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 828

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.6	1.6	1.9	.2							7.3	8.0
NNE	.7	1.5	.2	.1								2.6	4.9
NE	.5	.3	.2	.1								1.3	5.6
ENE	.1	.1	.5	.3								1.2	8.6
E	.5	.8	1.3	.7								3.3	7.4
ESE	.2	.7	.3	.1								1.6	6.1
SE		1.4	.9	1.7	.2							4.3	10.1
SSE	.2	.8	1.3	.8	.1							3.0	8.8
S	.5	2.6	1.6	2.2	.1	.3						7.3	9.1
SSW	.6	2.7	2.9	1.6	.9	.1						8.9	9.1
SW	1.0	2.3	5.2	5.1	1.5	.1						15.4	10.2
WSW	1.0	3.2	4.8	4.2	.9	.5						14.5	9.8
W	.8	2.6	4.3	3.8	.8	.3						12.7	9.9
WNW	.3	.7	1.4	1.9	.2	.1						4.7	10.1
NW	.7	.6	.6	1.9	.2	.2						4.2	10.6
NNW	.7	.3	.5	1.6	.2							3.4	9.9
VARBL					.2							.2	20.0
CALM												4.5	
	9.1	23.3	27.3	28.2	5.8	1.7						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 658

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621 (STATION) ALCONBURY R&F UK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.4	2.6	2.5	.1							8.4	8.5
NNE	.3	.6	.1									1.1	4.6
NE	.3	.8	.2	.2	.1							1.7	6.9
ENE	.4	.2	.7	.8	.1							2.2	9.0
E	.4	.6	.9	.6								2.4	7.6
ESE	.1	.6	.2	.4								1.3	8.5
SE	.1	1.0	.7	1.7	.1							3.5	10.2
SSE	.1	.4	1.9	1.5	.1							4.1	9.7
S	.6	1.1	1.5	1.7	.4	.7						5.9	11.4
SSW	.6	2.2	1.7	3.4	.7		.1					8.6	10.0
SW	.6	1.3	5.3	3.6	2.4	.4						13.7	11.5
WSW	.6	1.5	4.0	4.4	1.1	.2						11.8	10.6
W	1.1	2.4	4.8	5.4	1.7	1.0	.4					16.9	11.6
WNW	.3	.9	1.3	3.3	.3	.2						6.4	11.7
NW	.3	.6	1.1	1.4	.4	.2						4.1	11.1
NNW	.4	.9	1.3	1.8	.4	.2						5.1	10.8
VARBL				.1		.1						.2	16.5
CALM												2.9	
	6.9	17.4	38.3	32.8	8.0	3.1	.6					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] ALCONBURY RAF UP — STATION / STATION NAME — [illegible] — YEARS — DEC — MONTH

ALL WEATHER — CLASS — 1500-1700 — HOUR (L S T)

CONDITION

SPEED (KNTS.) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	1.[illegible]	2.[illegible]	3.1	1.[illegible]		.9						[illegible]	7.7
NNE	.[illegible]	.6	.2	.4								.[illegible]	7.6
NE	.1	.8	.8	.[illegible]								.[illegible]	7.8
ENE	.1	.[illegible]	.4	.[illegible]								1.7	7.3
E	.4	.[illegible]	1.1	.9								.3	7.8
ESE	.[illegible]	.[illegible]	.6	.6								.4	9.[illegible]
SE	.4	.[illegible]	1.8	.9	.[illegible]							3.7	8.9
SSE	.[illegible]	1.[illegible]	1.8	1.7	.1							4.7	9.3
S	.4	1.1	1.9	1.[illegible]	.6	.4						5.9	10.5
SSW	1.4	2.[illegible]	2.4	2.[illegible]	.4							[illegible].8	8.6
SW	.8	3.[illegible]	5.5	4.[illegible]	1.1	.[illegible]						14.6	10.0
WSW	1.7	2.6	3.4	3.[illegible]	.[illegible]	.1	.1					11.4	8.5
W	.6	[illegible].2	5.1	4.3	.4	.[illegible]						14.9	10.1
WNW	.[illegible]	.[illegible]	2.[illegible]	2.[illegible]	.[illegible]							5.8	10.6
NW	.6	.3	1.1	1.2		.[illegible]						3.7	8.5
NNW		1.	.2	2.1	.8							3.7	11.2
VARBL			.[illegible]			.[illegible]						.2	16.5
CALM												5.5	
	9.6	21.6	3[illegible].7	2[illegible].[illegible]	4.2	2.1	.1					1.[illegible].[illegible]	[illegible].8

TOTAL NUMBER OF OBSERVATIONS 908

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1300-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.3	1.3	.7	.3							4.1	8.2
NNE	.4	.9	1.1	.4								2.8	7.2
NE	.1	.1	.8	.3								1.3	8.2
ENE	.4	.7	.3	.4								1.7	6.8
E		1.2	1.3	.3								2.8	7.5
ESE	.1	.9	1.1	.1								2.2	6.9
SE	.3	1.4	2.5	.9	.3							4.9	8.3
SSE	.5	1.2	1.8	1.7	.1							5.2	8.4
S	.9	1.3	2.8	2.1	.4	.3						7.8	9.5
SSW	1.2	2.4	2.6	3.5	.6	.3						10.4	9.6
SW	.8	2.8	4.1	4.9	.3							12.8	9.6
WSW	1.1	2.4	3.3	1.6	.1	.4	.3					9.1	9.1
W	.5	4.5	5.3	3.7	.7	.4						14.6	9.2
WNW	.4	1.1	1.7	1.6	.3	.1						5.1	9.9
NW	.5	.5	.9	1.2	.1							3.3	9.4
NNW	.4	.9	1.1	1.4	.7							4.5	10.1
VARBL							.1					.1	30.0
CALM												7.6	
	8.2	23.6	31.3	23.4	4.1	1.4	.4					100.2	8.4

TOTAL NUMBER OF OBSERVATIONS 760

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.5	1.1		.5							3.8	7.4
NNE	.7	1.6	.5	.7								3.5	6.3
NE	.1	.9	1.1	.1								2.3	7.2
ENE		.7	.5	.1								1.4	7.5
E	.1	1.4	.3	.1								1.9	5.6
ESE	.5	1.5	.9	.4	.1							3.5	6.9
SE	.4	1.4	1.1	1.4								4.2	8.2
SSE	.4	.5	1.8	1.5								4.2	9.0
S	.8	.9	1.9	2.8	.4							6.9	9.6
SSW	1.4	1.5	2.3	2.8	.5	.4						9.2	9.7
SW	1.1	2.4	3.3	5.4	.9	.1						13.3	10.2
WSW	.7	2.7	4.5	2.4	.1	.1						10.6	8.7
W	1.1	3.9	4.7	2.3		.7	.3					13.0	9.1
WNW	.7	1.1	2.4	1.6	.5	.1	.1					6.2	10.7
NW	.1	.5	1.2	1.4		.1						3.4	10.4
NNW	.4	.3	1.5	1.6	.4							4.2	10.5
VARBL			.1									.1	10.0
CALM												8.3	
	9.8	23.2	29.3	24.8	3.7	1.6	.4					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 738

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 7?-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.2	2.1	1.3	.3	.1						6.7	7.9
NNE	.5	.9	.6	.2								2.2	6.2
NE	.3	.6	.6	.2	.0							1.7	6.8
ENE	.3	.5	.4	.3	.1							1.5	7.1
E	.3	1.0	.9	.4								2.6	6.8
ESE	.2	1.0	.7	.3	.0							2.3	6.9
SE	.3	1.1	1.1	1.3	.1	.0						3.9	9.0
SSE	.3	.8	1.6	1.2	.1							4.0	8.9
S	.5	1.5	2.0	1.9	.3	.3						6.5	9.6
SSW	1.1	2.6	2.5	2.5	.6	.2	.0					9.5	9.2
SW	1.0	2.6	4.8	4.9	1.3	.2	.0					14.9	10.2
WSW	1.1	2.9	3.9	3.0	.5	.3	.1					11.7	9.1
W	.9	3.5	4.7	3.7	.7	.5	.1					14.1	9.7
WNW	.4	.9	1.5	1.8	.5	.1	.0					5.3	10.7
NW	.3	.5	.9	1.3	.2	.1						3.4	10.2
NNW	.4	.7	.9	1.7	.4	.0						4.2	10.4
VARBL			.0	.1	.0	.0	.0					.2	17.2
CALM												5.6	
	9.0	23.2	29.2	25.9	5.0	1.8	.2					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 6229

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-83 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.4	3.0	2.0	.3	.1	.0	.0				9.0	8.1
NNE	.6	1.4	2.1	1.7	.2	.0						6.0	8.8
NE	.5	1.1	1.3	.9	.1	.0						3.8	8.1
ENE	.3	.8	.9	.5	.1	.0						2.6	7.7
E	.7	1.1	1.1	.5	.0	.0						3.3	6.7
ESE	.4	.7	.7	.4	.1	.0						2.2	7.2
SE	.4	.8	.8	.6	.1	.0						2.7	7.9
SSE	.5	1.0	1.1	.7	.1	.0	.0					3.4	7.7
S	1.3	2.1	2.4	1.5	.3	.1	.0					7.7	7.9
SSW	1.4	2.6	2.4	1.9	.4	.1	.0					8.8	8.0
SW	1.9	2.4	3.4	2.9	.4	.1	.0					10.3	9.0
WSW	.9	2.2	2.8	2.1	.3	.1	.0	.0				8.5	8.6
W	1.0	2.4	3.5	2.7	.5	.1	.0	.0	.0			10.3	9.1
WNW	.5	1.3	1.7	1.5	.4	.1	.0	.0	.0			5.5	9.6
NW	.5	1.0	1.2	1.0	.2	.1	.0					3.9	8.9
NNW	.5	1.0	1.4	1.1	.3	.0	.0					4.2	9.0
VARBL	.0	.0	1.1	.7	.1	.0	.0					2.0	10.6
CALM												5.9	
	11.6	24.2	31.0	22.6	3.7	.9	.1	.0	.0			100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 73618

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-83 (YEARS) ALL (MONTH)

INSTRUMENT (CLASS) ALL (HOURS (L.S.T.))

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE, (CONDITION)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	3.2	4.9	4.0	.6	.1	.0	.0				14.4	8.8
NNE	.8	1.9	3.2	3.5	.5	.0						9.9	9.5
NE	.5	1.4	2.1	1.2	.1	.0						5.4	8.2
ENE	.4	1.1	1.5	.6	.1							3.8	7.5
E	.9	1.6	2.1	.8	.0							5.5	7.0
ESE	.5	1.1	1.1	.4	.1	.0						3.2	7.1
SE	.4	1.3	1.2	.9	.1	.1						3.9	8.1
SSE	.7	1.4	1.6	.9	.1	.0	.0					4.7	7.5
S	1.5	2.3	2.5	1.7	.3	.1						8.4	8.0
SSW	1.5	2.7	2.4	1.8	.3	.1	.0					8.7	7.8
SW	.9	1.8	2.2	2.0	.2	.1						7.2	8.6
WSW	.9	1.4	1.0	.6	.1	.0	.0					4.0	6.9
W	.9	1.5	1.0	.4	.1	.0						3.9	6.4
WNW	.4	.6	.7	.5	.1	.0	.0					2.2	7.8
NW	.4	.6	.7	.5	.1	.0	.0					2.3	8.0
NNW	.5	.9	1.2	1.2	.3	.0						4.1	9.3
VARBL	.0	.0	.2	.2	.0	.0						.6	11.5
CALM												7.8	
	12.9	24.9	29.5	21.2	3.0	.6	.1	.0				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 12704

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.

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

Continued on Reverse Side

EXAMPLE 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	≥ ½	≥ ⅜	≥ 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 $\geq$ 1500 feet with $\geq$ 3 miles, subtracted from 97.4 read from the table at the intersection of $\geq$ 500 feet with $\geq$ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling $\geq$ 500 feet with visibility $\geq$ 1 mile, but < 3 miles; or ceiling $\geq$ 500 feet, but < 1500 feet with visibility $\geq$ 1 mile."

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03821 | ALCONBURY RAF UK | 74-77,79,82-83 | JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2 GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥½ GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE0
NO CEILING	29.5	26.7	28.1	29.1	29.3	31.3	30.8	31.[illegible]	31.3	31.5	31.7	31.7	32.5	32.5	33.9	
20000	29.1	30.5	32.2	33.2	33.4	34.4	34.9	35.1	35.3	35.6	35.8	35.8	36.5	36.5	38.0	
15000	29.6	31.[illegible]	32.7	33.7	33.9	34.9	35.3	35.6	35.8	36.1	36.3	36.3	37.0	37.0	38.5	
10000	29.6	31.[illegible]	32.7	33.7	33.9	34.9	35.3	35.6	35.8	36.1	36.3	36.3	37.0	37.0	38.5	
5000	29.6	31.0	32.7	33.7	33.9	34.9	35.3	35.6	35.8	36.1	36.3	36.3	37.[illegible]	37.[illegible]	38.5	
4500	29.6	31.3	32.9	33.9	34.1	35.1	35.6	35.8	36.1	36.3	36.5	36.5	37.3	37.3	38.7	
4000	31.[illegible]	32.7	34.4	35.3	35.6	36.5	37.3	37.5	37.7	38.0	38.2	38.2	38.9	38.9	40.4	
3500	31.3	32.9	34.6	35.6	35.8	36.8	37.5	37.7	38.0	38.2	38.5	38.5	39.2	39.2	40.6	
3000	32.9	34.6	36.6	37.7	38.0	38.9	39.7	39.9	40.4	40.6	40.9	40.9	41.6	41.6	43.0	
2500	33.4	35.1	37.3	38.2	38.5	39.4	40.1	40.4	40.9	41.1	41.3	41.3	42.1	42.1	43.5	
2000	33.4	35.1	37.3	38.2	38.5	39.7	40.4	40.6	41.1	41.3	41.6	41.6	42.3	42.3	43.8	
1800	35.8	37.5	39.7	40.9	41.1	42.3	43.0	43.3	43.8	44.0	44.2	44.2	45.[illegible]	45.[illegible]	46.4	
1500	37.3	39.9	41.1	42.3	42.5	43.8	44.5	44.7	45.2	45.4	45.7	45.7	46.4	46.4	47.8	
1000	38.9	40.6	43.5	44.7	45.0	46.2	46.9	47.1	47.6	47.8	48.1	48.1	48.8	48.8	50.2	
900	42.3	44.0	47.1	48.3	48.6	50.0	51.0	51.7	52.2	52.4	52.6	52.6	53.4	53.4	54.8	
800	43.4	47.1	50.5	52.2	52.4	54.1	55.[illegible]	55.8	56.3	56.5	56.7	56.7	57.5	57.5	58.9	
700	48.3	50.5	55.3	57.2	57.7	59.6	60.6	61.3	61.8	62.[illegible]	62.3	62.3	63.	63.[illegible]	64.4	
600	55.[illegible]	57.[illegible]	62.5	64.9	65.4	67.5	69.0	69.7	70.2	70.4	70.7	70.7	71.4	71.4	72.8	
500	57.7	59.9	65.1	67.5	68.[illegible]	70.2	71.9	72.6	73.1	73.3	73.6	73.6	74.[illegible]	74.3	75.7	
400	63.5	65.6	70.9	73.6	74.5	77.2	79.1	79.8	80.3	80.5	81.3	81.0	81.7	81.7	83.2	
300	67.3	69.5	75.5	79.1	80.3	83.4	85.3	86.1	86.5	86.8	87.3	87.3	88.0	88.[illegible]	89.4	
200	70.[illegible]	72.1	78.6	82.2	83.4	86.8	88.9	89.7	90.4	90.6	91.1	91.1	91.8	91.8	93.3	
100	70.0	72.1	78.8	82.5	83.7	87.0	89.2	89.9	90.9	91.1	91.6	91.6	92.3	92.3	93.8	
0	70.2	72.4	79.1	83.2	84.4	87.7	90.1	90.9	91.8	92.1	92.5	92.5	93.3	93.3	94.7	
	70.7	72.8	79.6	84.4	85.6	88.9	91.3	92.5	93.5	93.8	94.2	94.2	95.0	95.0	96.4	
	70.7	72.8	79.6	84.4	85.8	89.4	91.6	93.[illegible]	94.2	94.2	94.7	94.7	95.4	95.4	96.9	
	70.7	72.8	79.6	84.4	85.8	89.9	92.3	94.[illegible]	95.2	95.4	95.9	95.9	96.6	96.6	98.1	
	70.7	72.8	79.6	84.4	85.8	90.1	92.5	94.2	95.4	95.7	96.2	96.2	96.9	96.9	98.3	
	70.7	72.8	79.6	84.4	86.1	91.1	93.5	95.2	96.4	96.6	97.1	97.1	97.8	97.8	99.3	
	70.7	72.8	79.6	84.4	86.1	91.1	93.5	95.2	96.4	96.6	97.1	97.1	97.8	97.8	99.5	
	70.7	72.8	79.6	84.4	86.1	91.1	93.5	95.2	96.4	96.6	97.1	97.1	97.8	97.8	100.0	
	70.7	72.8	79.6	84.4	86.1	91.1	93.5	95.2	96.4	96.6	97.1	97.1	97.8	97.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 916

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-82 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥9 GE9	≥8 GE8	≥7 GE7	≥6 GE6	≥5 GE5	≥4 GE4	≥3 GE3	≥2½ GE2½	≥2 GE2	≥1½ GE1½	≥1 GE1	≥¾ GE¾	≥½ GE½	≥¼ GE¼	≥0 GE0
CEILING UNLIMITED	24.9	25.2	26.9	27.5	27.5	28.4	28.7	29.1	29.1	29.2	29.2	29.6	29.6	29.9	30.3	
20000	25.6	26.0	31.3	31.9	31.9	32.9	33.2	33.4	33.6	33.7	33.7	34.1	34.1	34.4	34.8	
15000	25.7	29.1	31.4	32.1	32.1	33.0	33.3	33.6	33.7	33.8	33.8	34.2	34.2	34.5	34.9	
10000	25.7	29.1	31.4	32.1	32.1	33.1	33.3	33.6	33.7	33.8	33.8	34.2	34.2	34.5	34.9	
9000	25.7	29.1	31.4	32.1	32.1	33.1	33.3	33.6	33.7	33.8	33.8	34.2	34.2	34.5	34.9	
8000	25.7	29.1	31.4	32.1	32.1	33.1	33.3	33.6	33.7	33.8	33.8	34.2	34.2	34.5	34.9	
7000	25.7	29.1	31.4	32.1	32.1	33.1	33.3	33.6	33.7	33.8	33.8	34.2	34.2	34.5	34.9	
6000	31.1	31.5	34.1	34.8	34.8	35.7	36.0	36.3	36.4	36.5	36.5	36.9	36.9	37.2	37.6	
5000	31.8	32.2	34.8	35.5	35.5	36.4	36.7	36.9	37.1	37.2	37.2	37.6	37.6	37.9	38.3	
4500	34.4	34.9	37.9	38.6	38.6	39.9	40.2	40.5	40.6	40.7	40.7	41.1	41.1	41.4	41.8	
4000	34.6	35.2	38.2	38.8	38.8	40.5	40.7	41.0	41.1	41.3	41.3	41.7	41.7	41.9	42.4	
3500	35.0	35.9	38.8	39.5	39.5	41.1	41.4	41.7	41.8	41.9	41.9	42.4	42.4	42.6	43.0	
3000	36.9	37.8	41.4	42.4	42.4	44.1	44.4	44.7	44.8	44.9	44.9	45.3	45.3	45.6	46.0	
2500	37.9	38.9	42.5	43.8	44.0	45.9	46.1	46.4	46.5	46.7	46.7	47.1	47.1	47.4	47.8	
2000	41.5	41.4	45.5	46.8	47.0	48.8	49.1	49.4	49.5	49.7	49.7	50.1	50.1	50.3	50.7	
1800	45.1	46.0	50.7	52.1	52.2	54.4	54.9	55.2	55.3	55.5	55.5	55.9	55.9	56.2	56.6	
1600	49.3	50.2	55.2	56.7	56.8	59.3	60.1	60.5	60.6	60.8	60.8	61.2	61.2	61.4	61.8	
1400	51.8	52.8	58.6	60.5	60.6	63.3	64.1	64.5	64.7	64.8	64.8	65.2	65.2	65.5	65.9	
1200	54.7	55.8	62.5	64.9	64.5	67.4	68.5	68.9	69.0	69.1	69.1	69.6	69.6	69.8	70.2	
1000	55.5	56.6	63.3	65.2	65.4	69.2	69.3	69.7	69.8	70.0	70.0	70.4	70.4	70.6	71.0	
900	56.1	61.7	68.6	71.6	70.8	74.7	75.5	75.9	76.5	76.6	76.6	77.0	77.0	77.3	77.7	
800	62.9	64.7	72.0	74.6	74.8	78.2	79.7	80.4	80.9	81.1	81.1	81.5	81.5	81.7	82.1	
700	65.1	67.8	74.3	77.1	77.5	81.2	82.7	83.5	84.2	84.3	84.3	84.7	84.8	85.1	85.5	
600	65.5	67.4	75.2	78.2	78.8	82.5	84.2	85.0	85.7	85.8	85.8	86.2	86.3	86.6	87.0	
500	65.9	68.1	76.0	79.2	79.7	83.5	85.4	86.2	86.9	87.0	87.0	87.4	87.6	87.8	88.2	
400	66.8	69.1	77.3	80.8	81.3	85.1	87.1	88.0	88.6	88.8	88.8	89.2	89.3	89.6	90.0	
300	66.8	69.1	77.5	81.3	81.9	85.9	88.1	88.9	89.6	89.7	89.7	90.1	90.3	90.5	90.9	
200	66.8	69.1	78.5	82.4	83.1	87.4	89.6	90.7	91.7	91.9	91.9	92.3	92.4	93.0	93.4	
100	66.8	69.1	78.5	82.4	83.4	88.1	90.4	92.0	93.6	93.8	93.8	94.2	94.3	94.9	95.3	
50	66.8	69.1	78.5	82.4	83.4	88.2	90.5	92.4	94.2	94.3	94.5	94.9	95.1	95.5	95.9	
0	66.6	69.1	78.5	82.4	83.4	88.2	90.5	92.4	94.2	94.3	94.5	95.0	95.3	95.8	97.4	
	66.8	69.1	78.5	82.4	83.4	88.2	90.5	92.4	94.5	94.7	95.0	95.7	96.2	97.2	99.6	
	66.8	69.1	78.5	82.4	83.4	88.2	90.5	92.4	94.5	94.9	95.1	95.9	96.5	97.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 739

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03521 (STATION) ALCONBURY RAF UK (STATION NAME) 74-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR, LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 >160	≥6 GE96	≥5 GE80	≥4 GE64	≥3 GE48	≥2 1/2 GE40	≥2 GE32	≥1 3/4 GE24	≥1 1/2 GE20	≥1 GE16	≥ 3/4 GE12	≥ 5/8 GE10	≥ 1/2 GE08	≥ 5/16 GE05	≥ 1/4 GE04	≥0 GE00
NO CEILING	22.7	23.4	25.0	25.9	26.0	26.5	27.6	27.9	28.6	28.7	28.7	28.7	29.1	29.3	29.8	
≥ 20000	25.9	26.9	28.6	29.4	29.6	30.1	31.2	31.4	32.1	32.3	32.3	32.3	32.8	33.0	33.5	
≥ 18000	26.0	27.0	28.7	29.6	29.7	30.2	31.3	31.5	32.3	32.4	32.4	32.4	32.9	33.1	33.6	
≥ 16000	26.0	27.0	28.7	29.6	29.7	30.2	31.3	31.5	32.3	32.4	32.4	32.4	32.9	33.1	33.6	
≥ 14000	26.0	27.0	28.7	29.6	29.7	30.2	31.3	31.5	32.3	32.4	32.4	32.4	32.9	33.1	33.6	
≥ 12000	26.1	27.1	28.8	29.7	29.8	30.3	31.4	31.7	32.4	32.5	32.5	32.5	33.0	33.3	33.7	
≥ 10000	27.9	28.8	30.7	31.5	31.7	32.1	33.4	33.6	34.4	34.5	34.5	34.5	35.	35.2	35.7	
≥ 9000	29.6	30.6	32.4	33.3	33.4	33.9	35.1	35.3	36.1	36.2	36.2	36.2	36.7	36.9	37.4	
≥ 8000	31.7	32.8	35.0	35.8	36.0	36.6	37.8	38.0	38.8	38.9	38.9	38.9	39.4	39.6	40.1	
≥ 7000	32.4	33.5	35.7	36.6	36.7	37.3	38.5	38.8	39.5	39.6	39.6	39.6	40.1	40.4	40.9	
≥ 6000	32.8	33.9	36.1	36.9	37.1	37.8	39.0	39.3	40.1	40.2	40.2	40.2	40.7	41.0	41.5	
≥ 5000	34.4	35.6	38.4	39.5	39.6	40.7	42.0	42.2	43.2	43.3	43.3	43.3	43.8	44.0	44.5	
≥ 4500	36.2	37.4	40.2	41.5	41.6	43.1	44.3	44.5	45.5	45.6	45.6	45.6	46.1	46.4	46.9	
≥ 4000	38.8	40.0	43.3	45.0	45.2	46.7	48.3	48.6	49.7	49.8	49.8	49.8	50.3	50.7	51.2	
≥ 3500	41.7	43.1	46.5	48.6	48.7	50.4	52.0	52.3	53.4	53.5	53.5	53.5	54.0	54.4	54.8	
≥ 3000	46.0	47.4	51.3	53.4	53.5	55.6	57.5	57.9	59.3	59.4	59.4	59.4	59.9	60.4	60.9	
≥ 2500	49.6	51.4	55.7	58.0	58.2	60.2	62.5	62.8	64.2	64.3	64.3	64.3	64.8	65.3	65.9	
≥ 2000	55.3	57.5	61.8	64.3	64.4	66.6	69.1	69.4	70.8	70.9	70.9	70.9	71.4	71.9	72.5	
≥ 1800	56.4	58.7	62.9	65.4	65.5	67.7	70.3	70.7	72.0	72.1	72.1	72.1	72.6	73.1	73.7	
≥ 1500	60.0	62.9	67.5	70.2	70.3	72.6	75.3	75.8	77.2	77.3	77.3	77.3	77.8	78.3	78.9	
≥ 1200	62.7	66.1	71.0	73.9	74.0	76.4	79.1	79.8	81.1	81.2	81.2	81.2	81.7	82.2	82.8	
≥ 1000	63.6	67.1	72.5	75.3	75.5	78.2	81.0	81.6	82.9	83.1	83.1	83.1	83.6	84.2	84.9	
≥ 900	64.2	68.0	73.5	76.4	76.7	79.5	82.3	82.9	84.3	84.4	84.4	84.4	84.9	85.5	86.3	
≥ 800	64.8	68.8	74.7	77.8	78.0	81.0	83.8	84.5	85.9	86.0	86.0	86.0	86.5	87.1	87.9	
≥ 700	65.0	69.2	75.1	78.4	78.7	81.8	84.9	85.8	87.2	87.4	87.4	87.4	87.9	88.5	89.2	
≥ 600	65.4	69.7	75.6	79.1	79.5	82.8	86.0	87.1	88.6	88.7	88.7	88.7	89.2	89.8	90.6	
≥ 500	65.5	69.8	76.0	79.5	80.0	83.6	87.4	88.5	90.1	90.2	90.3	90.3	90.8	91.5	92.3	
≥ 400	65.5	69.8	76.0	79.6	80.4	84.5	88.8	90.1	92.3	92.6	92.8	92.8	93.3	94.0	94.8	
≥ 300	65.8	70.1	76.2	79.9	80.6	84.9	89.2	90.9	93.4	93.9	94.2	94.4	95.0	96.0	96.9	
≥ 200	65.8	70.1	76.2	79.9	80.6	84.9	89.2	90.9	93.4	93.9	94.4	94.5	95.2	96.3	97.5	
≥ 100	65.8	70.1	76.2	79.9	80.6	84.9	89.3	91.0	93.5	94.0	94.6	94.7	96.1	98.2	100.0	
0	65.8	70.1	76.2	79.9	80.6	84.9	89.3	91.0	93.5	94.0	94.6	94.7	96.1	98.2	100.0	

TOTAL NUMBER OF OBSERVATIONS 815

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16.1	≥6 GE9.7	≥5 GE8.0	≥4 GE6.4	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1¼ GE2.4	≥1 GE2.0	≥¾ GE1.6	≥½ GE1.2	≥⅜ GE1.0	≥¼ GE.8	≥5/16 GE.5	≥0 GE.04	≥0 GE.0
NO CEILING	21.2	21.1	22.5	23.5	23.8	24.5	24.9	25.0	25.5	25.5	25.5	25.5	25.5	25.5	25.5	26.1
≥ 20000	27.1	27.6	29.6	31.6	31.3	32.1	32.8	32.9	33.5	33.5	33.5	33.6	33.6	33.6	33.6	34.2
≥ 18000	27.1	27.7	29.9	31.1	31.4	32.2	32.9	33.1	33.6	33.6	33.6	33.8	33.8	33.8	33.8	34.3
≥ 16000	27.2	27.7	29.9	31.1	31.4	32.2	32.9	33.1	33.6	33.6	33.6	33.8	33.8	33.8	33.8	34.3
≥ 14000	27.3	27.8	30.0	31.2	31.5	32.4	33.1	33.2	33.8	33.8	33.8	33.9	33.9	33.9	33.9	34.5
≥ 12000	27.5	27.9	30.1	31.4	31.8	32.6	33.3	33.4	34.0	34.0	34.0	34.1	34.1	34.1	34.1	34.7
≥ 10000	29.4	29.9	32.4	33.6	34.0	34.9	35.6	35.7	36.3	36.3	36.3	36.4	36.4	36.4	36.4	37.0
≥ 9000	30.6	31.4	34.0	35.3	35.6	36.6	37.3	37.4	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.7
≥ 8000	34.1	34.8	38.1	39.5	39.8	40.8	41.5	41.6	42.2	42.2	42.2	42.3	42.3	42.3	42.3	43.1
≥ 7000	34.6	35.3	38.7	40.1	40.4	41.4	42.2	42.3	42.9	42.9	42.9	43.0	43.0	43.0	43.2	43.8
≥ 6000	34.6	35.5	38.9	40.3	40.7	41.7	42.5	42.6	43.2	43.2	43.2	43.3	43.3	43.3	43.6	44.3
≥ 5000	36.6	37.5	41.2	43.0	43.5	44.9	46.0	46.1	46.7	46.7	46.7	46.8	46.8	46.8	47.1	47.8
≥ 4500	39.0	39.7	43.7	45.6	46.0	47.5	48.7	48.8	49.4	49.4	49.4	49.5	49.5	49.5	49.8	50.5
≥ 4000	43.1	44.2	48.6	50.5	50.9	52.6	53.9	54.1	54.8	54.8	54.8	55.0	55.0	55.0	55.4	56.1
≥ 3500	45.6	46.7	51.4	53.4	53.9	55.8	57.5	57.7	58.8	58.8	58.8	59.0	59.0	59.0	59.3	60.0
≥ 3000	49.6	51.1	56.1	58.1	58.5	60.5	62.3	62.5	63.6	63.6	63.6	63.8	63.8	63.8	64.1	64.8
≥ 2500	52.6	54.6	59.6	61.7	62.3	64.6	66.5	66.8	68.0	68.0	68.0	68.2	68.2	68.2	68.6	69.3
≥ 2000	57.9	60.2	65.5	67.8	68.3	71.1	73.0	73.5	74.6	74.6	74.6	74.9	74.9	74.9	75.2	75.9
≥ 1800	58.8	61.0	66.6	68.8	69.4	72.4	74.3	74.8	76.1	76.1	76.1	76.3	76.3	76.3	76.6	77.3
≥ 1500	61.6	63.9	69.9	72.4	73.0	76.3	78.3	78.7	80.1	80.1	80.1	80.4	80.4	80.4	80.7	81.4
≥ 1200	63.3	65.7	73.0	75.7	76.4	79.9	82.0	82.6	84.1	84.1	84.1	84.3	84.3	84.3	84.7	85.4
≥ 1000	64.1	66.6	74.4	77.2	77.9	81.7	84.0	84.7	86.4	86.4	86.4	86.7	86.7	86.7	87.2	87.7
≥ 900	64.3	66.7	74.6	77.5	78.2	81.9	84.2	84.9	86.7	86.7	86.7	86.9	86.9	86.9	87.3	88.0
≥ 800	64.3	66.7	74.6	77.5	78.2	82.1	84.5	85.3	87.0	87.3	87.3	87.5	87.5	87.5	87.9	88.6
≥ 700	64.8	67.3	75.5	78.4	79.1	82.9	85.4	86.2	88.1	88.3	88.7	88.9	89.0	89.0	89.4	90.1
≥ 600	65.1	67.5	75.8	78.9	79.6	83.8	86.2	87.0	88.9	89.1	89.5	89.7	89.8	89.8	90.2	90.9
≥ 500	65.1	67.5	76.2	79.4	80.1	84.6	87.5	88.3	90.3	90.5	90.9	91.1	91.4	91.4	91.7	92.4
≥ 400	65.1	67.5	76.3	79.6	80.4	85.2	88.2	89.3	91.8	92.1	92.4	92.6	92.9	92.9	93.2	93.9
≥ 300	65.1	67.5	76.4	79.9	80.8	86.0	89.0	90.2	92.9	93.3	94.2	94.7	95.4	95.4	96.0	97.1
≥ 200	65.1	67.5	76.4	79.9	80.8	86.0	89.0	90.2	93.0	93.5	94.3	95.0	96.1	96.1	96.8	98.4
≥ 100	65.1	67.5	76.4	79.9	80.8	86.0	89.0	90.2	93.0	93.5	94.3	95.0	96.3	96.3	97.8	100.0
≥ 0	65.1	67.5	76.4	79.9	80.8	86.0	89.0	90.2	93.0	93.5	94.3	95.0	96.3	96.3	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 456

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

25621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L))

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16.	≥6 GE9.	≥5 GE8.	≥4 GE6.	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥⅜ GE0.8	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0.
NO CEILING		21.7	21.7	22.8	23.4	23.5	23.8	24.0	24.1	24.3	24.3	24.3	24.3	24.3	24.3	24.7
≥ 20000		28.7	28.8	30.9	31.5	31.7	32.1	32.3	32.5	32.7	32.8	32.9	32.9	33.	33.0	33.3
≥ 18000		29.3	29.4	31.5	32.0	32.2	32.7	32.9	33.0	33.2	33.3	33.4	33.4	33.6	33.6	33.9
≥ 16000		29.3	29.4	31.5	32.0	32.2	32.7	32.9	33.	33.2	33.3	33.4	33.4	33.6	33.6	33.9
≥ 14000		29.4	29.5	31.6	32.1	32.3	32.8	33.0	33.1	33.3	33.4	33.6	33.6	33.7	33.7	34.0
≥ 12000		29.6	29.7	31.8	32.3	32.6	33.0	33.2	33.3	33.6	33.7	33.8	33.8	33.9	33.9	34.2
≥ 11000		31.4	31.5	33.8	34.6	34.9	35.3	35.5	35.6	35.9	36.0	36.1	36.1	36.2	36.2	36.5
≥ 9000		32.5	32.6	35.0	36.0	36.4	36.8	37.1	37.3	37.5	37.6	37.7	37.7	37.8	37.8	38.2
≥ 8000		37.2	37.6	40.6	41.8	42.2	42.9	43.1	43.3	43.6	43.8	43.9	43.9	44.	44.0	44.3
≥ 7000		37.7	38.2	41.1	42.3	42.8	43.4	43.6	43.9	44.2	44.3	44.4	44.4	44.5	44.5	44.8
≥ 6000		38.4	38.8	41.9	43.1	43.5	44.2	44.4	44.6	45.0	45.1	45.2	45.2	45.3	45.3	45.6
≥ 5000		39.6	40.0	43.6	45.0	45.5	46.2	46.4	46.6	46.9	47.0	47.1	47.1	47.3	47.3	47.6
≥ 4500		40.4	40.8	44.7	46.1	46.6	47.6	47.8	48.0	48.6	48.7	48.8	48.8	48.9	48.9	49.2
≥ 4000		45.0	45.5	49.7	51.1	51.8	52.9	53.3	53.5	54.2	54.3	54.4	54.4	54.5	54.5	54.8
≥ 3500		47.9	48.5	52.7	54.3	54.9	56.4	56.9	57.1	57.8	57.9	58.0	58.0	58.1	58.1	58.4
≥ 3000		51.9	52.5	57.1	58.8	59.4	61.0	61.6	61.8	62.5	62.6	62.7	62.7	62.8	62.8	63.2
≥ 2500		54.5	55.5	60.3	62.1	63.0	65.1	66.1	66.4	67.1	67.2	67.3	67.3	67.4	67.4	67.8
≥ 2000		60.1	61.5	66.8	68.9	69.8	72.0	73.1	73.5	74.1	74.2	74.3	74.3	74.5	74.5	74.8
≥ 1800		61.7	63.2	68.4	70.5	71.5	73.7	74.8	75.1	75.8	75.9	76.0	76.0	76.1	76.1	76.4
≥ 1500		64.7	66.4	72.1	74.6	75.5	78.1	79.2	79.6	80.3	80.4	80.5	80.5	80.6	80.6	80.9
≥ 1200		67.4	69.5	75.4	78.0	78.9	81.7	82.8	83.2	83.9	84.0	84.1	84.1	84.2	84.2	84.5
≥ 1000		68.8	70.9	77.1	79.6	80.6	83.3	84.6	85.2	86.4	86.5	86.6	86.6	86.8	86.8	87.2
≥ 900		69.5	71.8	78.2	80.8	81.8	84.5	86.0	86.5	87.7	87.8	87.9	87.9	88.2	88.2	88.5
≥ 800		69.6	72.0	78.8	81.6	82.7	85.6	87.1	87.6	89.0	89.1	89.4	89.4	89.6	89.6	89.9
≥ 700		72.0	72.4	79.6	82.5	83.6	86.6	88.6	89.4	91.2	91.3	91.6	91.6	91.9	91.9	92.2
≥ 600		72.0	72.4	79.8	82.8	83.9	87.1	89.0	89.8	91.7	91.8	92.0	92.0	92.3	92.3	92.7
≥ 500		70.1	72.5	80.2	83.1	84.2	87.8	90.0	90.8	93.0	93.1	93.4	93.4	93.8	93.8	94.1
≥ 400		70.1	72.6	80.4	83.7	84.8	88.9	91.6	92.3	94.7	94.8	95.3	95.3	95.6	95.6	95.9
≥ 300		70.1	72.6	80.4	83.7	84.8	88.9	91.8	92.8	95.4	95.7	96.2	96.5	97.5	97.5	98.1
≥ 200		70.1	72.6	80.4	83.7	84.8	88.9	91.8	92.8	95.5	95.8	96.3	96.7	98.2	98.5	99.9
≥ 100		70.1	72.6	80.4	83.7	84.8	88.9	91.8	92.8	95.5	95.8	96.3	96.7	98.2	98.6	100.0
0		70.1	72.6	80.4	83.7	84.8	88.9	91.8	92.8	95.5	95.8	96.3	96.7	98.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >160	≥6 GE96	≥5 GE80	≥4 GE64	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	¾ GE12	½ GE8	⅜ GE6	≥5/16 GE5	¼ GE4	≥0 GE0
NO CEILING		20.9	21.7	23.6	24.2	24.3	25.2	25.8	25.8	25.9	25.9	26.0	26.0	26.0	26.0	26.2
≥ 20000		27.4	28.4	31.1	31.7	31.9	33.1	34.1	34.1	34.4	34.4	34.5	34.5	34.5	34.5	34.8
≥ 18000		27.5	28.5	31.3	31.8	32.0	33.2	34.2	34.2	34.5	34.5	34.6	34.6	34.6	34.6	34.9
≥ 16000		27.5	28.5	31.3	31.8	32.0	33.2	34.2	34.2	34.5	34.5	34.6	34.6	34.6	34.6	34.9
≥ 14000		27.9	28.9	31.6	32.1	32.3	33.6	34.5	34.5	34.9	34.9	35.0	35.0	35.0	35.0	35.2
≥ 12000		28.5	29.5	32.2	32.6	33.0	34.2	35.2	35.2	35.5	35.5	35.6	35.6	35.6	35.6	35.8
≥ 10000		31.3	32.3	35.2	35.8	36.1	37.4	38.4	38.4	38.7	38.7	38.9	38.9	38.9	38.9	39.1
≥ 9000		31.9	33.-	36.1	36.7	37.0	38.4	39.3	39.3	39.7	39.7	39.9	39.9	39.9	39.9	40.1
≥ 8000		35.6	36.7	40.1	40.9	41.3	42.8	44.2	44.2	44.5	44.5	44.7	44.7	44.7	44.7	44.9
≥ 7000		36.2	37.3	40.7	41.4	42.0	43.6	45.1	45.1	45.5	45.5	45.7	45.7	45.7	45.7	45.9
≥ 6000		36.4	37.7	41.3	42.1	42.6	44.3	45.8	45.8	46.1	46.1	46.3	46.3	46.3	46.3	46.6
≥ 5000		37.-	38.5	42.5	43.3	43.8	45.8	47.3	47.3	47.7	47.7	47.9	47.9	47.9	47.9	48.1
≥ 4500		39.3	40.9	45.2	46.0	46.6	48.7	50.3	50.3	50.6	50.6	50.8	50.8	50.8	50.8	51.0
≥ 4000		42.6	44.3	48.6	49.4	49.9	52.2	54.0	54.1	54.5	54.5	54.8	54.8	54.8	54.8	55.1
≥ 3500		46.2	48.-	52.3	53.4	54.0	56.5	58.4	58.5	59.0	59.0	59.2	59.2	59.2	59.2	59.6
≥ 3000		51.4	53.3	58.1	59.5	60.0	62.6	64.5	64.6	65.1	65.1	65.4	65.4	65.4	65.4	65.7
≥ 2500		55.7	58.0	63.1	64.4	65.0	67.7	69.6	69.8	70.4	70.4	70.6	70.6	70.6	70.6	70.9
≥ 2000		60.5	63.1	69.1	70.8	71.5	74.5	76.5	76.8	77.6	77.6	77.8	77.8	77.8	77.8	78.1
≥ 1800		61.6	64.3	70.3	72.1	72.8	75.8	77.8	78.1	78.9	78.9	79.1	79.1	79.1	79.1	79.5
≥ 1500		63.6	66.7	73.7	75.8	76.5	79.9	82.0	82.3	83.3	83.3	83.5	83.5	83.5	83.5	83.8
≥ 1200		65.3	68.3	75.8	78.4	79.1	82.6	84.8	85.2	86.3	86.3	86.6	86.6	86.6	86.6	86.9
≥ 1000		66.3	69.6	77.9	81.1	81.9	85.6	87.8	88.6	89.7	89.7	89.9	89.9	89.9	89.9	90.3
≥ 900		66.7	69.9	78.7	82.0	82.7	86.6	88.7	89.7	90.8	90.8	91.0	91.0	91.0	91.0	91.4
≥ 800		66.9	70.5	79.6	82.8	83.6	87.5	89.8	90.8	92.0	92.0	92.2	92.2	92.2	92.2	92.6
≥ 700		67.2	70.8	80.1	83.8	84.6	88.9	91.1	92.1	93.3	93.3	93.6	93.6	93.6	93.6	93.9
≥ 600		67.2	70.8	80.1	84.2	84.9	89.6	92.1	93.1	94.3	94.3	94.8	94.8	94.8	94.8	95.1
≥ 500		67.2	70.9	80.3	84.5	85.2	90.2	92.7	93.8	95.0	95.0	95.4	95.4	95.4	95.4	95.7
≥ 400		67.3	71.1	80.5	84.7	85.5	90.6	93.4	94.8	96.2	96.2	96.8	96.8	96.8	96.8	97.2
≥ 300		67.3	71.1	80.5	84.7	85.5	90.7	93.6	94.9	96.4	96.6	97.3	97.4	97.6	97.7	98.6
≥ 200		67.3	71.1	80.5	84.7	85.5	90.7	93.6	94.9	96.4	96.6	97.3	97.4	98.-	98.1	99.9
≥ 100		67.3	71.1	80.5	84.7	85.5	90.7	93.6	94.9	96.4	96.6	97.3	97.4	98.0	98.1	99.9
≥		67.3	71.1	80.5	84.7	85.5	90.7	93.6	94.9	96.4	96.6	97.3	97.4	98.-	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 915

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

75621 ALCONBURY RAF UK 74-87 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2000
HOURS L.S.

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	¾ GE1.2	½ GE1.0	⅜ GE0.8	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0
NO CEILING	24.6	25.6	27.3	28.3	28.3	29.1	29.6	29.8	29.9	29.9	30.0	30.2	30.3	30.3	30.4	
≥ 20000	29.6	30.7	32.9	34.2	34.3	35.2	35.8	35.9	36.3	36.3	36.4	36.5	36.7	36.7	36.8	
≥ 18000	29.8	30.8	33.0	34.3	34.5	35.4	35.9	36.0	36.4	36.4	36.5	36.7	36.8	36.8	36.9	
≥ 6000	29.8	30.8	33.0	34.3	34.5	35.4	35.9	36.0	36.4	36.4	36.5	36.7	36.8	36.8	36.9	
≥ 14000	30.0	31.1	33.3	34.6	34.7	35.6	36.2	36.3	36.7	36.7	36.8	36.9	37.1	37.1	37.2	
≥ 12000	30.4	31.5	33.7	35.0	35.1	36.0	36.5	36.7	37.1	37.1	37.2	37.3	37.5	37.5	37.6	
≥ 10000	33.2	34.2	36.4	37.7	37.8	38.8	39.4	39.7	40.1	40.2	40.3	40.4	40.6	40.6	40.7	
≥ 9000	33.8	35.0	37.5	38.8	38.9	39.8	4 .4	40.7	41.1	41.2	41.4	41.5	41.6	41.6	41.7	
≥ 8000	37.5	38.8	41.5	42.9	43.0	44.0	44.6	44.9	45.5	45.6	45.8	45.9	46.	46.2	46.2	
≥ 7000	37.7	39.1	41.9	43.3	43.4	44.5	45.4	45.6	46.3	46.4	46.6	46.7	46.8	46.8	46.9	
≥ 6000	38.1	39.5	42.3	43.7	43.8	45.	45.9	46.2	46.8	46.9	47.1	47.2	47.3	47.3	47.5	
≥ 5000	39.4	40.8	44.6	46.0	46.2	47.3	48.2	48.5	49.2	49.3	49.4	49.5	49.7	49.7	49.8	
≥ 4500	42.7	44.1	48.4	49.8	49.9	51.2	52.1	52.4	53.1	53.2	53.3	53.4	53.6	53.6	53.7	
≥ 4000	46.2	47.6	52.7	54.1	54.2	55.8	56.7	57.0	57.6	57.7	57.9	58.0	58.1	58.1	58.3	
≥ 3500	49.0	50.6	56.0	57.5	57.6	59.2	60.5	60.7	61.4	61.5	61.6	61.8	61.9	61.9	62.0	
≥ 3000	52.8	54.5	60.5	62.2	62.3	63.8	65.4	65.7	66.3	66.4	66.6	66.7	66.8	66.8	67.0	
≥ 2500	56.3	57.9	64.9	67.4	67.5	69.2	71.0	71.3	71.9	72.0	72.2	72.3	72.4	72.4	72.6	
≥ 2000	59.8	61.9	69.6	72.3	73.1	74.9	76.7	77.0	77.6	77.8	77.9	78.0	78.2	78.2	78.3	
≥ 1800	61.9	62.9	70.6	73.3	74.1	75.9	77.8	78.0	78.7	78.8	78.9	79.1	79.2	79.2	79.3	
≥ 1500	64.6	67.1	75.3	77.9	78.8	80.6	82.6	82.8	83.5	83.7	83.9	84.0	84.1	84.1	84.3	
≥ 1200	65.9	68.9	77.6	81.1	82.1	84.1	86.1	86.5	87.1	87.4	87.5	87.6	87.8	87.8	87.9	
≥ 1000	66.3	69.3	79.2	82.7	83.6	85.2	88.6	89.3	90.0	90.2	90.4	90.5	90.6	90.6	90.8	
≥ 900	66.4	69.4	80.1	83.7	84.8	87.5	89.9	90.6	91.4	91.7	91.8	91.9	92.1	92.1	92.2	
≥ 800	66.7	70.0	80.6	84.3	85.3	88.2	9 .6	91.4	92.2	92.5	92.6	92.7	92.8	92.8	93.0	
≥ 700	66.8	70.1	81.3	85.0	86.1	88.9	91.8	92.7	93.5	93.8	94.0	94.1	94.3	94.3	94.4	
≥ 600	66.8	70.1	81.3	85.4	86.5	89.6	92.7	93.6	94.4	94.8	95.1	95.2	95.3	95.3	95.4	
≥ 500	66.8	70.1	81.4	85.8	86.9	9 .0	93.1	94.1	94.9	95.3	95.6	95.7	95.8	95.8	96.0	
≥ 400	66.8	70.1	81.4	86.1	87.1	90.2	93.8	95.3	96.1	96.5	96.9	97.3	97.7	97.7	97.8	
≥ 300	66.8	70.1	81.4	86.1	87.1	90.5	94.0	95.6	96.4	96.7	97.1	97.5	97.9	97.9	98.7	
≥ 200	66.8	70.1	81.4	86.2	87.3	90.6	94.3	95.8	96.6	97.0	97.4	97.8	98.2	98.3	99.6	
≥ 100	66.8	70.1	81.4	86.2	87.3	90.6	94.3	95.8	96.6	97.0	97.4	97.8	98.2	98.3	99.6	
≥ 0	66.8	70.1	81.4	86.2	87.3	90.6	94.3	95.8	96.6	97.0	97.4	97.8	98.2	98.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 769

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

(75621) (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21UC-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥160)	≥6 (GE96)	≥5 (GE80)	≥4 (GE64)	≥3 (GE48)	≥2½ (GE40)	≥2 (GE32)	≥1½ (GE24)	≥1 (GE16)	≥¾ (GE12)	≥½ (GE10)	≥¼ (GE08)	≥5/16 (GE05)	<¼ (GE04)	0 (GE00)
NO CEILING	30.6	31.5	32.8	32.9	33.1	34.4	34.9	35.1	35.2	35.3	35.3	35.6	35.8	36.3	36.7
≥ 20000	34.4	35.2	36.8	37.0	37.2	38.8	39.4	39.5	39.7	39.8	39.8	40.1	40.2	40.7	41.1
≥ 18000	34.8	35.6	37.2	37.4	37.6	39.2	39.8	39.9	40.1	40.2	40.2	40.5	40.6	41.1	41.5
≥ 6000	34.9	35.8	37.4	37.5	37.8	39.4	39.9	40.1	40.2	40.3	40.3	40.6	40.7	41.3	41.7
≥ 4000	34.9	35.8	37.4	37.5	37.8	39.4	39.9	40.1	40.2	40.3	40.3	40.6	40.7	41.3	41.7
≥ 3000	34.9	35.8	37.4	37.5	37.8	39.4	39.9	40.1	40.2	40.3	40.3	40.6	40.7	41.3	41.7
≥ 10000	36.3	37.1	38.6	39.1	39.4	41.0	41.5	41.7	42.1	42.2	42.2	42.5	42.6	43.1	43.5
≥ 9000	36.7	37.5	39.4	39.7	39.9	41.5	42.1	42.2	42.6	42.7	42.7	43.0	43.1	43.7	44.1
≥ 8000	39.6	40.7	42.9	43.1	43.4	45.0	45.6	46.0	46.4	46.5	46.5	46.8	46.9	47.4	47.8
≥ 7000	40.1	41.0	43.1	43.4	43.7	45.3	46.5	46.6	47.0	47.2	47.2	47.4	47.6	48.1	48.5
≥ 6000	40.2	41.1	43.3	43.8	44.1	45.8	47.0	47.2	47.6	47.7	47.7	48.0	48.1	48.7	49.1
≥ 5000	41.8	42.9	45.7	46.5	46.9	48.7	49.9	50.0	50.4	50.5	50.5	50.8	50.9	51.5	51.9
≥ 4500	44.1	45.2	48.3	49.3	49.7	51.6	52.8	53.0	53.4	53.5	53.5	53.8	53.9	54.4	54.8
≥ 4000	46.0	48.0	51.6	52.7	53.1	55.0	56.2	56.3	56.7	56.9	56.9	57.1	57.3	57.8	58.2
≥ 3500	49.9	51.2	55.4	56.5	56.9	58.9	60.2	60.6	61.0	61.2	61.2	61.4	61.6	62.1	62.5
≥ 3000	51.9	53.4	57.9	59.1	59.7	61.8	63.6	64.0	64.5	64.7	64.7	64.9	65.1	65.6	66.0
≥ 2500	56.0	57.7	63.4	64.9	65.7	68.0	69.8	70.3	70.8	71.0	71.0	71.2	71.4	71.9	72.3
≥ 2000	59.4	61.3	67.1	69.2	70.0	72.4	74.2	74.9	75.4	75.5	75.5	75.8	75.9	76.5	76.9
≥ 1800	61.7	63.4	69.5	71.8	72.6	75.1	76.7	77.4	78.0	78.1	78.1	78.4	78.5	79.0	79.4
≥ 1500	66.4	68.4	74.9	77.4	78.5	81.2	83.1	83.7	84.4	84.5	84.5	84.8	84.9	85.5	85.9
≥ 1200	68.8	71.1	77.7	80.6	81.7	84.8	86.7	87.4	88.0	88.2	88.2	88.4	88.6	89.1	89.5
≥ 1000	69.2	71.6	78.6	81.7	82.8	85.9	87.8	88.7	89.5	89.7	89.7	89.9	90.1	90.6	91.0
≥ 900	69.6	72.0	79.7	82.9	84.0	87.2	89.1	90.2	91.1	91.3	91.3	91.5	91.7	92.2	92.6
≥ 800	69.9	72.4	80.2	83.9	84.9	88.3	90.2	91.3	92.3	92.5	92.5	92.7	92.9	93.4	93.8
≥ 700	70.3	72.8	80.6	84.3	85.3	88.7	90.9	92.1	93.4	93.5	93.5	93.8	94.0	94.5	94.9
≥ 600	70.3	72.8	80.9	84.8	86.0	89.5	91.7	93.1	94.2	94.4	94.5	94.8	95.0	95.6	96.0
≥ 500	70.3	72.8	80.9	84.8	86.2	89.7	92.1	93.5	94.6	94.8	94.9	95.2	95.4	96.0	96.4
≥ 400	70.3	72.8	80.9	85.1	86.4	90.2	92.6	94.1	95.2	95.3	95.4	95.7	96.0	96.5	97.2
≥ 300	70.3	72.8	80.9	85.2	86.6	90.3	92.9	94.4	95.8	96.0	96.1	96.4	96.6	97.3	98.1
≥ 200	70.3	72.8	80.9	85.2	86.6	90.3	93.0	94.5	96.1	96.5	96.6	96.9	97.3	98.0	99.7
≥ 100	70.3	72.8	80.9	85.2	86.6	90.3	93.0	94.5	96.1	96.5	96.6	96.9	97.3	98.0	100.0
≥ 0	70.3	72.8	80.9	85.2	86.6	90.3	93.0	94.5	96.1	96.5	96.6	96.9	97.3	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] 521 | ALCONBURY RAF UK (STATION NAME) | 74-83 (YEARS) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	¾ GE12	½ GE10	⅜ GE8	≥5/16 GE5	¼ GE4	≥0 GE0
NO CEILING	23.7	24.3	25.8	26.5	26.6	27.4	27.9	28.1	28.3	28.4	28.4	28.5	28.7	28.8	29.2	
≥ 20000	26.7	29.5	31.6	32.3	32.5	33.4	34.1	34.2	34.6	34.6	34.7	34.8	35.[illegible]	35.1	35.5	
≥ 18000	29.[illegible]	29.7	31.8	32.6	32.8	33.7	34.3	34.4	34.8	34.9	34.9	35.1	35.2	35.4	35.8	
≥ 16000	29.[illegible]	29.7	31.8	32.6	32.8	33.7	34.3	34.5	34.8	34.9	35.0	35.1	35.2	35.4	35.8	
≥ 14000	29.1	29.8	31.9	32.7	32.9	33.8	34.4	34.6	34.9	35.[illegible]	35.1	35.2	35.4	35.5	35.9	
≥ 12000	29.3	30.1	32.2	33.0	33.1	34.1	34.7	34.8	35.2	35.3	35.3	35.4	35.6	35.7	36.2	
≥ 11000	31.4	32.1	34.4	35.3	35.5	36.4	37.1	37.2	37.6	37.7	37.8	37.9	38.1	38.2	38.6	
≥ 10000	32.3	33.1	35.5	36.3	36.6	37.5	38.2	38.4	38.7	38.8	38.9	39.0	39.[illegible]	39.3	39.8	
≥ 9000	35.5	36.4	39.2	40.2	40.4	41.5	42.3	42.4	42.9	43.[illegible]	43.1	43.2	43.4	43.5	44.[illegible]	
≥ 8000	36.[illegible]	36.9	39.7	40.7	41.0	42.1	43.0	43.1	43.6	43.7	43.8	43.9	44.0	44.2	44.6	
≥ 7000	36.3	37.3	40.2	41.1	41.4	42.6	43.5	43.7	44.2	44.3	44.3	44.5	44.6	44.8	45.2	
≥ 6000	37.8	38.9	42.3	43.4	43.8	45.2	46.1	46.3	46.7	46.8	46.9	47.[illegible]	47.2	47.4	47.8	
≥ 5000	39.7	40.8	44.4	45.7	46.1	47.6	48.6	48.7	49.3	49.4	49.4	49.5	49.7	49.9	50.3	
≥ 4500	43.[illegible]	44.1	48.2	49.6	49.9	51.6	52.7	52.9	53.5	53.6	53.6	53.8	53.9	54.1	54.6	
≥ 4000	46.2	47.4	51.8	53.3	53.6	55.5	56.8	57.[illegible]	57.7	57.8	57.9	58.[illegible]	58.2	58.4	58.8	
≥ 3500	50.1	51.5	56.2	57.8	58.2	60.2	61.7	62.0	62.7	62.8	62.9	63.[illegible]	63.2	63.4	63.8	
≥ 3000	53.4	55.1	60.4	62.3	62.8	65.1	66.6	67.[illegible]	67.7	67.8	67.9	68.0	68.2	68.4	68.9	
≥ 2500	58.1	60.0	65.9	68.1	68.7	71.1	72.8	73.2	74.[illegible]	74.1	74.2	74.3	74.5	74.7	75.2	
≥ 2000	59.5	61.4	67.3	69.5	70.1	72.6	74.3	74.7	75.5	75.6	75.7	75.8	76.[illegible]	76.2	76.7	
≥ 1800	63.[illegible]	65.3	71.6	74.1	74.8	77.5	79.4	79.9	80.7	80.8	80.9	81.1	81.2	81.4	81.9	
≥ 1500	65.3	67.9	74.7	77.6	78.3	81.3	83.2	83.7	84.6	84.8	84.9	85.[illegible]	85.1	85.4	85.8	
≥ 1200	66.5	69.1	76.5	79.5	80.2	83.4	85.5	86.2	87.3	87.4	87.5	87.6	87.8	88.[illegible]	88.5	
≥ 1000	66.8	69.5	77.3	80.4	81.2	84.4	86.5	87.3	88.4	88.5	88.6	88.8	89.0	89.2	89.7	
≥ 900	67.1	70.0	77.9	81.1	81.9	85.3	87.5	88.3	89.5	89.7	89.8	89.9	90.1	90.3	90.8	
≥ 800	67.5	70.4	78.6	82.0	82.8	86.3	88.7	89.7	91.0	91.1	91.3	91.4	91.6	91.9	92.4	
≥ 700	67.6	70.5	78.8	82.5	83.3	87.1	89.6	90.5	91.8	92.0	92.2	92.3	92.6	92.8	93.3	
≥ 600	67.6	70.6	79.1	82.9	83.8	87.7	90.4	91.5	93.0	93.1	93.4	93.5	93.8	94.0	94.6	
≥ 500	67.6	70.6	79.2	83.1	84.1	88.4	91.3	92.6	94.4	94.6	94.9	95.0	95.3	95.6	96.2	
≥ 400	67.7	70.7	79.2	83.2	84.2	88.7	91.7	93.1	95.0	95.3	95.8	96.1	96.6	96.9	97.8	
≥ 300	67.7	70.7	79.2	83.2	84.2	88.7	91.7	93.2	95.1	95.5	95.9	96.3	97.0	97.5	99.0	
≥ 200	67.7	70.7	79.2	83.2	84.2	88.7	91.8	93.2	95.2	95.5	96.0	96.4	97.3	98.0	99.9	
≥ 100	67.7	70.7	79.2	83.2	84.2	88.7	91.8	93.2	95.2	95.5	96.0	96.4	97.3	98.1	100.0	
0																

TOTAL NUMBER OF OBSERVATIONS 6166

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-79,82-83 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >160	≥6 GE96	≥5 GE80	≥4 GE64	≥3 GE48	≥2½ GE40	≥2 GE32	≥1¾ GE24	≥1½ GE20	≥1 GE16	≥¾ GE12	≥⅝ GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE00
NO CEILING	22.5	23.2	27.8	28.0	28.8	30.3	30.8	31.3	31.8	31.8	31.8	31.8	32.1	32.1	32.8	
≥ 20000	24.7	25.8	30.6	30.8	31.6	33.1	33.6	34.1	34.6	34.6	34.6	34.6	34.8	34.8	35.6	
≥ 18000	24.7	25.8	30.6	30.8	31.6	33.1	33.6	34.1	34.6	34.6	34.6	34.6	34.8	34.8	35.6	
≥ 6000	24.7	25.8	30.6	30.8	31.6	33.1	33.6	34.1	34.6	34.6	34.6	34.6	34.8	34.8	35.6	
≥ 4000	24.7	25.8	30.6	30.8	31.6	33.1	33.6	34.1	34.6	34.6	34.6	34.6	34.8	34.8	35.6	
≥ 2000	25.3	26.3	30.8	31.1	31.8	33.3	33.8	34.3	34.8	34.8	34.8	34.8	35.1	35.1	35.9	
≥ 10000	25.3	26.8	31.8	32.6	33.3	34.6	35.4	35.9	36.4	36.4	36.4	36.4	36.6	36.6	37.4	
≥ 9000	26.3	27.8	32.8	33.6	34.3	35.9	36.4	36.9	37.4	37.4	37.4	37.4	37.6	37.6	38.4	
≥ 8000	27.0	28.5	33.6	34.3	35.1	36.6	37.1	37.9	38.4	38.4	38.4	38.4	38.6	38.6	39.4	
≥ 7000	27.0	28.5	33.6	34.3	35.1	36.6	37.1	37.9	38.4	38.4	38.4	38.4	38.6	38.6	39.4	
≥ 6000	27.0	28.5	33.6	34.3	35.1	36.6	37.1	37.9	38.4	38.4	38.4	38.4	38.6	38.6	39.4	
≥ 5000	27.5	29.0	34.1	34.8	35.6	37.1	37.6	38.4	38.9	38.9	38.9	38.9	39.1	39.1	39.9	
≥ 4500	29.5	31.1	36.4	37.4	38.4	40.2	40.7	41.4	41.9	41.9	41.9	41.9	42.2	42.2	42.9	
≥ 4000	31.3	32.8	38.9	39.9	40.9	42.7	43.4	44.2	44.7	44.7	44.7	44.7	44.9	44.9	45.7	
≥ 3500	35.1	36.9	43.7	44.7	45.7	47.5	49.2	50.0	50.5	50.5	50.5	50.5	50.8	50.8	51.5	
≥ 3000	38.4	40.2	47.2	48.2	49.2	51.5	53.6	54.5	55.1	55.1	55.1	55.1	55.3	55.3	56.1	
≥ 2500	42.2	43.9	51.3	53.3	54.3	57.3	59.6	60.4	61.1	61.1	61.1	61.1	61.4	61.4	62.1	
≥ 2000	45.2	47.2	56.1	58.3	59.6	62.9	65.7	66.4	67.2	67.2	67.4	67.4	67.7	67.9	68.7	
≥ 1800	46.2	48.2	57.3	59.6	60.9	64.1	66.9	67.7	68.4	68.4	68.7	68.7	68.9	69.2	69.9	
≥ 1500	48.5	50.8	60.9	63.1	64.4	67.7	70.7	71.5	72.2	72.5	72.7	72.7	73.0	73.2	74.0	
≥ 1200	50.0	52.3	63.6	66.2	67.4	71.2	74.2	75.0	75.8	76.3	76.5	76.5	76.8	77.0	77.8	
≥ 1000	52.0	54.3	66.4	68.9	70.5	74.5	77.5	78.5	79.3	79.8	80.1	80.1	80.3	80.6	81.3	
≥ 900	52.3	54.5	66.9	69.4	71.2	75.3	78.3	79.3	80.1	80.6	80.8	80.8	81.1	81.3	82.1	
≥ 800	52.6	55.1	68.2	70.7	72.5	76.8	80.1	81.6	82.3	82.8	83.1	83.1	83.3	83.6	84.3	
≥ 700	54.0	56.3	69.4	72.2	74.0	78.3	81.6	83.1	84.1	84.6	84.8	84.8	85.1	85.4	86.1	
≥ 600	54.0	56.3	69.4	72.2	74.0	78.5	82.6	84.3	85.4	85.9	86.1	86.1	86.4	86.6	87.4	
≥ 500	54.0	56.3	69.4	72.5	74.2	79.0	83.1	84.8	85.9	86.6	86.9	87.1	87.4	87.6	89.1	
≥ 400	54.0	56.3	69.4	72.5	74.2	79.3	83.6	85.4	86.4	87.1	87.4	87.6	87.9	88.1	89.6	
≥ 300	54.0	56.3	69.7	72.7	74.5	79.5	83.8	85.9	87.4	88.6	89.4	89.9	90.7	90.9	93.2	
≥ 200	54.0	56.3	69.9	73.0	74.7	79.8	84.1	86.1	88.1	89.4	90.4	91.4	92.7	93.4	98.7	
≥ 100	54.0	56.3	69.9	73.0	74.7	79.8	84.1	86.1	88.1	89.4	90.4	91.4	92.7	93.4	100.0	
0	54.0	56.3	69.9	73.0	74.7	79.8	84.1	86.1	88.1	89.4	90.4	91.4	92.7	93.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 396

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] (STATION) ALCONBURY RAF UK (STATION NAME) 74-87 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 (16)	≥6 GE9.7	≥5 GE8.0	≥4 GE6.4	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥½ GE.8	≥⅜ GE.6	≥5/16 GE.5	≥¼ GE.4	≥0 GE 0
NO CEILING		18.3	19.1	24.0	25.0	25.2	26.5	27.0	27.2	27.7	27.7	27.7	27.7	27.8	28.0	29.6
≥ 20000		19.6	20.6	26.7	28.1	28.3	29.6	30.0	30.3	30.8	30.8	30.8	30.8	30.9	31.1	32.7
≥ 18000		19.9	20.9	27.0	28.4	28.6	29.9	30.3	30.6	31.1	31.1	31.1	31.1	31.2	31.4	33.0
≥ 16000		19.9	20.9	27.0	28.4	28.6	29.9	30.3	30.6	31.1	31.1	31.1	31.1	31.2	31.4	33.0
≥ 14000		20.0	21.1	27.1	28.6	28.7	30.0	30.5	30.8	31.2	31.2	31.2	31.2	31.4	31.5	33.1
≥ 12000		20.5	21.5	27.5	29.0	29.2	30.5	30.9	31.2	31.7	31.7	31.7	31.7	31.8	32.0	33.6
≥ 10000		21.9	23.1	29.2	30.6	30.8	32.1	32.5	32.8	33.3	33.3	33.3	33.3	33.4	33.6	35.2
≥ 9000		23.0	24.2	30.2	31.7	31.8	33.1	33.6	33.9	34.3	34.3	34.3	34.3	34.5	34.6	36.2
≥ 8000		24.0	25.2	32.0	33.4	33.6	35.3	35.8	36.1	36.5	36.5	36.5	36.5	36.7	36.8	38.4
≥ 7000		24.2	25.3	32.1	33.7	33.9	35.6	36.1	36.4	36.8	36.8	36.8	36.8	37.0	37.1	38.7
≥ 6000		24.2	25.3	32.4	34.2	34.3	36.1	36.5	36.8	37.3	37.3	37.3	37.3	37.4	37.6	39.2
≥ 5000		25.3	26.5	34.5	36.2	36.4	38.1	38.6	38.9	39.3	39.3	39.3	39.3	39.5	39.6	41.2
≥ 4500		26.1	27.2	35.6	37.4	37.6	39.3	39.8	40.1	40.5	40.5	40.5	40.5	40.6	40.8	42.4
≥ 4000		28.6	30.0	39.8	41.8	42.1	43.9	44.5	44.8	45.5	45.5	45.5	45.5	45.7	45.8	47.4
≥ 3500		30.0	32.3	42.9	45.2	45.7	47.6	48.7	49.1	49.8	49.8	49.8	49.8	49.9	50.1	51.7
≥ 3000		34.0	36.1	48.5	51.4	51.8	53.8	55.1	55.4	56.4	56.4	56.4	56.4	56.6	56.7	58.3
≥ 2500		37.4	39.6	52.3	55.5	56.0	58.6	60.4	60.8	61.9	61.9	61.9	61.9	62.0	62.2	63.8
≥ 2000		40.9	43.3	56.3	60.1	60.7	63.5	65.5	66.0	67.5	67.5	67.5	67.5	67.6	67.7	69.4
≥ 1800		41.2	43.7	56.8	60.7	61.3	64.1	66.1	66.6	68.0	68.0	68.0	68.0	68.2	68.3	70.0
≥ 1500		42.9	45.8	59.9	63.9	64.9	68.2	70.4	70.8	72.6	72.6	72.6	72.6	72.8	72.9	74.5
≥ 1200		45.8	48.9	64.4	68.6	69.7	73.0	75.7	76.4	79.2	79.4	79.4	79.4	79.5	79.7	81.3
≥ 1000		46.1	49.3	65.1	69.4	70.4	73.8	76.4	77.2	80.0	80.1	80.1	80.1	80.3	80.4	82.0
≥ 900		46.7	49.9	65.7	70.1	71.1	74.8	77.5	78.2	81.1	81.3	81.3	81.3	81.4	81.6	83.2
≥ 800		46.8	50.2	66.3	70.7	72.0	76.1	78.9	79.7	82.8	83.1	83.1	83.1	83.2	83.4	85.0
≥ 700		46.8	50.7	67.0	71.4	72.9	77.5	80.3	81.0	84.2	84.5	84.7	84.7	84.8	85.0	86.6
≥ 600		46.8	50.7	67.3	71.7	73.2	77.8	80.7	81.9	85.1	85.6	85.7	85.7	85.9	86.0	87.6
≥ 500		46.8	50.7	67.6	72.0	73.6	78.2	81.1	82.3	85.7	86.2	86.3	86.6	86.7	86.9	88.6
≥ 400		46.8	50.7	67.6	72.2	73.8	78.4	81.6	83.1	86.7	87.5	87.6	87.9	88.1	88.2	90.1
≥ 300		46.8	50.7	67.6	72.2	73.8	78.8	82.0	83.9	88.1	89.0	89.2	89.5	90.3	91.0	93.5
≥ 200		46.8	50.7	67.6	72.2	73.8	78.9	82.2	84.1	89.1	90.0	90.3	90.7	92.2	93.4	98.1
≥ 100		46.8	50.7	67.6	72.2	73.8	78.9	82.2	84.2	89.2	90.1	90.4	90.9	92.9	94.1	99.7
≥ 0		46.8	50.7	67.6	72.2	73.8	78.9	82.2	84.2	89.2	90.1	90.4	90.9	92.9	94.1	100.0

TOTAL NUMBER OF OBSERVATIONS 679

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03521 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >160	≥6 GE97	≥5 GE81	≥4 GE65	≥3 GE48	≥2½ GE40	≥2 GE32	≥1¾ GE24	≥1½ GE22	≥1 GE16	¾ GE12	⅝ GE10	½ GE08	5/16 GE05	¼ GE04	0 GE0
NO CEILING		15.6	16.4	18.4	18.8	19.2	20.8	21.2	21.7	23.3	23.3	23.4	23.4	23.5	24.1	24.7
≥ 20000		18.1	19.3	21.6	22.0	22.6	24.6	25.1	25.7	27.2	27.4	27.5	27.5	27.6	28.2	28.8
≥ 18000		18.4	19.6	21.8	22.2	22.9	24.9	25.4	25.9	27.5	27.6	27.8	27.8	27.9	28.4	29.1
≥ 16000		18.4	19.6	21.8	22.2	22.9	24.9	25.4	25.9	27.5	27.6	27.8	27.8	27.9	28.4	29.1
≥ 14000		18.4	19.6	21.8	22.2	22.9	24.9	25.4	25.9	27.5	27.6	27.8	27.8	27.9	28.4	29.1
≥ 12000		18.4	19.6	21.8	22.2	22.9	24.9	25.4	25.9	27.5	27.6	27.8	27.8	27.9	28.4	29.1
≥ 10000		19.3	20.6	22.9	23.3	24.1	26.1	26.6	27.1	28.7	28.8	29.0	29.0	29.1	29.6	30.3
≥ 9000		19.6	20.9	23.1	23.5	24.3	26.3	26.9	27.4	29.0	29.1	29.2	29.2	29.4	29.9	30.6
≥ 8000		22.1	23.3	25.9	26.3	27.1	29.5	30.0	30.6	32.3	32.4	32.5	32.5	32.7	33.2	33.9
≥ 7000		22.8	24.1	26.9	27.2	28.0	30.4	31.1	31.6	33.3	33.5	33.6	33.6	33.7	34.3	34.9
≥ 6000		22.9	24.2	27.0	27.4	28.2	30.6	31.2	31.7	33.5	33.6	33.7	33.7	33.9	34.4	35.1
≥ 5000		24.3	25.7	28.7	29.2	30.0	32.4	33.1	33.6	35.3	35.4	35.6	35.6	35.7	36.2	36.9
≥ 4500		25.0	26.6	30.2	30.7	31.6	34.1	34.9	35.4	37.3	37.4	37.6	37.6	37.7	38.2	38.9
≥ 4000		26.9	28.6	32.7	33.3	34.4	37.3	38.1	38.6	40.5	40.6	40.7	40.7	40.9	41.4	42.1
≥ 3500		29.9	31.6	36.5	37.7	38.8	41.8	43.0	43.5	45.9	46.0	46.2	46.2	46.3	46.8	47.5
≥ 3000		32.1	34.2	40.1	41.4	42.5	45.8	47.1	47.9	50.4	50.5	50.7	50.7	50.8	51.3	52.0
≥ 2500		36.2	38.6	44.8	46.4	47.8	51.3	53.2	54.4	57.1	57.3	57.4	57.4	57.5	58.1	58.7
≥ 2000		39.7	42.2	48.9	50.7	52.1	56.2	58.1	59.3	62.0	62.3	62.4	62.4	62.8	63.4	64.0
≥ 1800		40.3	42.9	49.7	51.5	52.9	57.1	59.1	60.3	63.1	63.4	63.5	63.5	63.9	64.4	65.1
≥ 1600		41.9	44.6	51.6	53.3	54.9	59.5	61.8	63.1	66.1	66.4	66.5	66.5	66.9	67.5	68.1
≥ 1400		43.9	46.6	54.6	57.0	58.7	63.9	66.5	67.9	71.2	71.6	71.7	71.8	72.2	72.8	73.5
≥ 1200		45.2	48.1	56.3	58.7	60.4	65.7	68.5	70.2	74.2	75.0	75.1	75.4	75.8	76.3	77.1
≥ 1000		45.6	48.5	57.5	59.9	61.6	67.1	69.8	71.6	75.5	76.5	76.6	77.0	77.4	77.9	78.7
≥ 900		46.3	49.5	58.7	61.6	63.4	68.9	71.7	73.4	77.9	78.8	79.0	79.5	79.9	80.4	81.2
≥ 800		46.4	49.9	59.7	62.6	64.3	70.4	73.3	75.0	79.5	80.4	80.6	81.1	81.5	82.0	82.8
≥ 700		46.4	49.9	60.1	63.0	64.7	70.9	73.8	75.7	80.4	81.3	81.5	82.1	82.5	83.1	83.9
≥ 600		46.4	49.9	60.1	63.2	64.9	71.3	74.2	76.2	81.2	82.3	82.4	83.1	83.5	84.0	84.8
≥ 500		46.4	49.9	60.2	63.5	65.2	72.1	75.0	77.2	82.9	84.3	84.4	85.3	85.7	86.5	87.3
≥ 400		46.4	49.9	6 .2	63.5	65.2	72.1	75.4	77.9	84.7	86.1	86.6	87.8	88.6	89.7	92.3
≥ 300		46.4	49.9	60.2	63.5	65.2	72.1	75.4	77.9	84.9	86.4	87.0	88.4	89.9	92.1	96.6
≥ 200		46.4	49.9	6 .2	63.5	65.2	72.1	75.4	77.9	85.1	86.5	87.2	88.6	90.7	93.5	100.0
≥ 100		46.4	49.9	60.2	63.5	65.2	72.1	75.4	77.9	85.1	86.5	87.2	88.6	90.7	93.5	100.0

TOTAL NUMBER OF OBSERVATIONS 756

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

03521 ALCONBURY RAF UK 74-87 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1200
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	¾ GE12	⅝ GE10	½ GE08	⅜ GE06	¼ GE04	0 GE00
NO CEILING	13.6	14.0	15.5	16.8	17.3	18.4	18.9	19.1	19.2	19.2	19.2	19.2	19.4	19.9	20.3	21.5
20000	16.3	16.9	19.6	21.5	21.7	23.4	24.0	24.2	24.6	24.6	24.9	25.1	25.6	26.2	26.6	27.1
18000	17.2	17.8	20.6	22.5	22.7	24.4	25.0	25.3	25.6	25.6	25.9	26.1	26.6	27.2	27.6	28.2
9000	17.2	17.8	20.6	22.5	22.7	24.4	25.0	25.3	25.6	25.6	25.9	26.1	26.6	27.2	27.6	28.2
5000	17.2	17.8	20.6	22.5	22.7	24.4	25.1	25.3	25.6	25.6	25.9	26.1	26.6	27.2	27.6	28.2
4000	17.3	17.9	20.7	22.6	22.9	24.5	25.1	25.4	25.8	25.8	26.2	26.3	26.8	27.4	27.8	28.3
3000	18.7	19.3	22.2	24.1	24.4	26.2	26.6	26.9	27.3	27.3	27.5	27.8	28.3	28.7	29.2	29.8
2500	19.2	19.9	22.9	24.9	25.3	27.0	27.7	27.9	28.3	28.3	28.5	28.8	29.3	29.7	30.2	30.8
2000	23.6	24.2	27.4	29.4	29.9	31.7	32.3	32.6	33.0	33.0	33.2	33.5	34.0	34.3	34.8	35.5
1800	24.9	25.6	29.0	31.1	31.6	33.3	34.0	34.2	34.6	34.6	34.8	35.1	35.6	36.0	36.5	37.1
1500	25.3	26.0	29.5	31.6	32.1	33.8	34.6	34.8	35.2	35.2	35.5	35.7	36.2	36.6	37.1	37.8
1200	27.0	27.8	31.3	33.5	34.0	35.9	36.7	37.0	37.4	37.4	37.6	37.9	38.4	38.8	39.4	39.9
1000	27.7	28.4	31.9	34.3	35.1	37.0	38.1	38.5	38.9	38.9	39.1	39.4	39.9	40.3	41.0	41.4
900	30.3	31.0	36.2	38.9	39.8	42.0	43.4	43.9	44.3	44.3	44.6	44.8	45.3	45.7	46.4	46.8
800	33.3	35.0	40.0	43.2	44.1	46.6	48.0	48.5	48.9	48.9	49.1	49.4	49.9	50.3	51.0	51.4
700	35.6	37.4	42.7	46.1	47.2	50.5	52.1	52.7	53.0	53.0	53.3	53.5	54.0	54.4	55.1	55.6
600	38.0	39.9	45.3	49.0	50.1	53.5	55.6	56.2	56.7	56.7	56.9	57.2	57.7	58.1	58.8	59.2
500	41.2	43.1	49.9	53.5	54.7	58.6	61.1	61.7	62.5	62.5	62.9	63.3	63.8	64.1	64.8	65.3
400	41.8	43.7	50.5	54.2	55.3	59.2	61.9	62.5	63.4	63.4	63.8	64.1	64.6	65.0	65.7	66.2
300	43.6	45.5	52.4	56.1	57.2	61.2	64.6	65.5	66.8	66.8	67.2	67.6	68.1	68.4	69.2	69.6
200	45.2	47.5	55.0	59.8	61.2	65.7	69.3	71.0	72.6	72.6	73.1	73.5	74.0	74.4	75.2	75.5
100	46.3	48.7	57.8	62.5	63.9	68.4	72.3	74.0	75.9	76.0	76.8	77.3	77.8	78.2	79.1	79.3
900	46.6	49.1	58.3	63.0	64.4	69.1	73.1	74.6	76.5	76.9	78.0	78.7	79.2	79.5	80.4	80.7
800	47.0	49.5	58.8	64.0	65.4	70.5	74.5	76.3	78.4	78.8	79.9	80.7	81.2	81.6	82.5	82.7
700	47.2	49.7	59.3	65.0	66.4	71.7	75.9	77.8	80.2	80.6	81.7	82.6	83.1	83.5	84.4	84.6
600	47.6	50.1	59.8	65.7	67.0	72.7	77.4	79.3	81.8	82.2	83.3	84.5	85.1	85.5	86.4	86.7
500	47.6	50.1	59.8	65.8	67.2	73.1	78.3	80.3	83.5	84.0	85.1	86.4	87.0	87.4	88.4	88.9
400	47.6	50.1	59.8	65.9	67.3	73.7	79.2	81.6	85.0	85.5	86.7	88.0	88.8	89.3	90.3	90.8
300	47.6	50.1	59.8	66.0	67.4	73.9	79.4	82.1	86.0	87.1	88.8	90.2	91.7	92.6	94.2	95.5
200	47.6	50.1	59.8	66.0	67.4	73.9	79.4	82.1	86.0	87.4	89.0	90.4	92.6	94.2	96.1	98.1
100	47.6	50.1	59.8	66.0	67.4	73.9	79.4	82.1	86.0	87.4	89.0	90.4	92.6	94.4	96.4	99.9
0	47.6	50.1	59.8	66.0	67.4	73.9	79.4	82.1	86.0	87.4	89.0	90.4	92.6	94.4	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 792

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25521 — STATION
ALCONBURY RAF UK — STATION NAME
74-87 — YEARS
FEB — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13Z-14Z HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
	≥16	GE9	GE8	GE6	GE48	GE40	GE32	GE24	GE20	GE16	GE12	GE10	GE08	GE05	GE04	GE00
NO CEILING		15.7	16.5	18.2	19.1	19.4	21.5	22.7	23.0	21.1	21.1	21.1	21.1	21.2	21.2	21.5
20000		24.0	21.2	24.4	25.6	25.8	27.4	27.6	27.9	28.0	28.0	28.0	28.0	28.1	28.1	28.5
18000		26.5	21.8	25.1	26.3	26.6	28.1	28.3	28.6	28.7	28.7	28.7	28.7	28.8	28.8	29.2
5000		26.5	21.8	25.1	26.3	26.6	28.1	28.3	28.6	28.7	28.7	28.7	28.7	28.8	28.8	29.2
4000		26.5	21.8	25.1	26.3	26.6	28.1	28.3	28.6	28.7	28.7	28.7	28.7	28.8	28.8	29.2
3500		26.6	21.9	25.2	26.4	26.7	28.2	28.5	28.7	28.8	28.8	28.8	28.8	28.9	28.9	29.3
3000		27.2	24.8	28.1	29.3	29.5	31.2	31.6	31.8	31.9	31.9	31.9	31.9	32.1	32.1	32.4
2500		28.6	25.4	29.1	30.4	30.6	32.3	32.7	32.9	33.0	33.0	33.0	33.0	33.1	33.1	33.5
2000		26.7	28.6	32.7	34.0	34.2	36.1	36.5	36.7	36.8	37.0	37.0	37.0	37.1	37.1	37.4
1800		27.5	29.4	33.6	34.9	35.2	37.1	37.4	37.7	37.8	37.9	37.9	37.9	38.0	38.0	38.4
1500		28.0	29.9	34.2	35.8	36.0	38.1	38.5	38.8	38.9	39.0	39.0	39.0	39.1	39.1	39.5
1000		29.2	31.1	35.6	37.2	37.4	39.5	40.0	40.2	40.3	40.4	40.4	40.4	40.6	40.6	40.9
900		30.7	32.7	37.2	38.9	39.1	41.5	42.0	42.2	42.6	42.7	42.7	42.7	42.8	42.8	43.2
800		34.6	36.8	41.9	43.5	43.8	46.4	47.1	47.4	47.7	47.8	47.8	47.8	48.0	48.0	48.3
700		37.4	40.1	45.2	46.9	47.1	50.3	50.8	51.1	51.4	51.6	51.6	51.6	51.7	51.7	52.0
600		42.1	44.7	50.6	52.4	52.6	55.9	56.7	56.9	57.3	57.4	57.4	57.4	57.5	57.5	57.9
500		44.4	47.2	53.9	55.7	56.0	59.6	60.8	61.1	61.6	61.7	61.7	61.7	61.8	61.8	62.2
400		46.4	52.0	59.6	61.5	61.7	65.4	66.6	67.0	67.8	67.9	67.9	67.9	68.1	68.1	68.4
300		49.6	53.2	60.9	62.9	63.2	67.0	68.2	68.5	69.4	69.5	69.5	69.5	69.6	69.6	70.0
250		52.3	56.1	63.8	66.1	66.4	70.3	71.9	72.4	73.2	73.3	73.3	73.3	73.4	73.4	73.8
200		54.9	59.1	67.9	71.1	71.3	76.2	78.5	79.2	80.4	80.5	80.5	80.5	80.6	80.6	81.0
150		56.1	60.6	70.0	73.3	73.7	78.8	81.1	81.9	83.0	83.1	83.3	83.4	83.5	83.5	83.9
100		56.0	60.6	70.1	73.7	74.2	79.5	81.8	82.5	84.1	84.3	84.4	84.6	84.7	84.7	85.0
050		56.3	61.0	70.8	74.6	75.2	80.7	83.3	84.1	85.6	86.2	86.1	86.2	86.4	86.4	86.7
000		56.6	61.2	71.7	75.6	76.3	82.1	85.2	86.1	87.9	88.3	88.5	88.6	88.9	88.9	89.2
		56.9	61.6	72.1	76.2	77.0	82.9	86.7	88.2	90.4	90.8	91.0	91.1	91.5	91.5	91.9
		56.9	61.6	72.2	76.6	77.6	83.7	87.7	89.1	91.9	92.5	92.8	92.9	93.4	93.5	93.9
		56.9	61.6	72.2	76.6	77.6	84.0	88.3	89.7	92.8	93.5	93.9	94.3	94.9	95.0	95.3
		56.9	61.6	72.2	76.6	77.6	84.0	88.4	90.0	93.5	94.5	95.0	95.3	96.2	96.7	97.6
		56.9	61.6	72.2	76.6	77.6	84.0	88.4	90.1	93.8	94.9	95.6	96.1	97.4	98.1	99.2
		56.9	61.6	72.2	76.6	77.6	84.0	88.4	90.1	93.8	94.9	95.6	96.1	97.4	98.2	99.8
		56.9	61.6	72.2	76.6	77.6	84.0	88.4	90.1	93.8	94.9	95.6	96.1	97.4	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 836

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[9621] ALCONBURY RAF UK 74-82 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15/0-1700
HOUR LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE40	≥2 GE32	≥1¾ GE24	≥1½ GE20	≥1 GE16	¾ GE12	½ GE10	½ GE08	⅜ GE06	¼ GE04	⅛ GE0
NO CEILING		16.1	17.8	19.2	21.0	20.2	21.1	22.2	22.2	22.3	22.3	22.3	22.3	22.5	22.5	22.5
≥ 20000		22.6	24.0	27.5	28.4	28.7	30.1	31.3	31.3	31.4	31.4	31.4	31.4	31.5	31.5	31.5
≥ 18000		22.6	24.0	27.5	28.6	28.8	30.3	31.5	31.5	31.7	31.7	31.7	31.7	31.8	31.8	31.8
≥ 6000		22.6	24.0	27.5	28.6	28.8	30.3	31.5	31.5	31.7	31.7	31.7	31.7	31.8	31.8	31.8
≥ 4000		22.8	24.0	27.5	28.6	28.8	30.3	31.5	31.5	31.7	31.7	31.7	31.7	31.8	31.8	31.8
≥ 3000		22.9	24.1	27.6	28.7	28.9	30.5	31.7	31.7	31.8	31.8	31.8	31.8	31.9	31.9	31.9
≥ 2000		25.2	26.5	30.2	31.3	31.5	33.2	34.5	34.5	34.6	34.6	34.6	34.6	34.8	34.8	34.8
≥ 1800		25.7	27.0	30.8	31.9	32.1	33.8	35.1	35.1	35.2	35.2	35.2	35.2	35.4	35.4	35.4
≥ 1000		26.8	28.5	34.9	36.2	36.4	38.1	39.4	39.4	39.5	39.5	39.5	39.5	39.8	39.8	39.8
≥ 900		29.2	31.8	35.5	36.8	37.0	38.7	40.0	40.0	40.1	40.1	40.1	40.1	40.4	40.4	40.4
≥ 800		29.3	31.9	35.6	37.1	37.3	39.1	40.4	40.4	40.5	40.5	40.5	40.5	40.7	40.7	40.7
≥ 700		30.8	32.5	37.3	38.7	38.9	41.7	42.1	42.1	42.2	42.2	42.2	42.2	42.4	42.4	42.4
≥ 600		33.2	35.1	40.1	41.6	41.8	44.0	45.3	45.3	45.4	45.4	45.4	45.4	45.6	45.6	45.8
≥ 500		36.4	39.5	43.6	45.0	45.6	48.1	49.6	49.6	49.7	49.7	49.7	49.8	50.1	50.1	50.2
≥ 450		41.5	43.5	49.0	50.4	51.1	53.9	55.6	55.7	55.8	55.8	55.8	55.9	56.2	56.2	56.3
≥ 400		45.9	48.9	55.0	56.6	57.5	60.5	62.1	62.3	62.4	62.5	62.5	62.6	62.8	62.8	63.0
≥ 350		47.6	51.1	57.7	59.4	60.6	63.7	65.8	65.9	66.1	66.2	66.2	66.3	66.5	66.5	66.7
≥ 300		50.3	54.2	61.9	63.9	65.1	68.3	70.5	71.1	71.2	71.3	71.3	71.4	71.7	71.7	71.8
≥ 250		51.4	55.3	63.3	65.4	66.5	69.9	72.2	72.6	73.0	73.1	73.1	73.2	73.5	73.5	73.6
≥ 200		54.4	61.0	68.7	70.7	72.0	75.7	78.3	79.1	79.5	79.6	79.6	79.7	79.9	79.9	80.0
≥ 150		56.3	62.7	71.7	73.8	75.1	79.5	82.3	83.2	83.9	84.0	84.0	84.1	84.3	84.3	84.5
≥ 100		56.6	62.9	72.8	75.1	76.3	81.0	84.1	84.9	85.8	85.9	85.9	86.3	86.5	86.5	86.6
≥ 90		56.9	62.7	73.4	75.6	76.9	81.6	84.8	85.7	86.5	86.6	86.6	87.0	87.3	87.3	87.5
≥ 80		57.0	63.0	74.1	76.6	78.0	82.9	86.6	87.6	88.4	88.5	88.5	88.9	89.2	89.2	89.4
≥ 70		57.2	63.2	74.7	77.8	79.2	84.6	88.5	90.0	90.9	91.2	91.2	91.5	92.2	92.2	92.4
≥ 60		57.3	63.3	75.0	78.1	79.7	85.1	89.6	91.0	92.7	93.1	93.3	93.7	94.4	94.4	94.5
≥ 50		57.3	63.3	75.0	78.1	79.9	85.4	90.1	91.5	93.9	94.6	94.9	95.3	96.1	96.1	96.2
≥ 40		57.3	63.3	75.1	78.3	80.0	85.5	90.3	91.8	94.1	95.2	95.6	96.3	97.1	97.1	97.3
≥ 30		57.3	63.3	75.1	78.3	80.0	85.5	90.4	91.9	94.7	95.8	96.4	97.3	98.2	98.4	99.0
≥ 20		57.3	63.3	75.1	78.3	80.0	85.5	90.4	92.0	94.9	95.9	96.5	97.6	98.6	98.8	99.8
≥ 10		57.3	63.3	75.1	78.3	80.0	85.5	90.4	92.0	94.9	95.9	96.5	97.6	98.6	98.9	100.0
0		57.3	63.3	75.1	78.3	80.0	85.5	90.4	92.0	94.9	95.9	96.5	97.6	98.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 637

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR, LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE40	≥2 GE32	≥1¾ GE24	≥1½ GE2	≥1 GE16	⅞ GE12	¾ GE10	⅝ GE08	½ GE05	⅜ GE04	¼ GE0
NO CEILING	21.1	27.7	25.2	26.2	26.2	27.4	29.4	29.5	29.6	29.6	29.6	29.6	29.9	29.9	30.1	
≥ 20000	25.0	27.0	30.1	31.5	31.8	33.6	35.6	35.7	35.9	35.9	35.9	35.9	36.2	36.2	36.3	
≥ 18000	25.0	27.0	30.1	31.5	31.8	33.6	35.6	35.7	35.9	35.9	35.9	35.9	36.2	36.2	36.3	
≥ 16000	25.0	27.0	30.1	31.5	31.8	33.6	35.6	35.7	35.9	35.9	35.9	35.9	36.2	36.2	36.3	
≥ 14000	25.0	27.0	30.1	31.5	31.8	33.6	35.6	35.7	35.9	35.9	35.9	35.9	36.2	36.2	36.3	
≥ 12000	25.0	27.0	30.1	31.5	31.8	33.6	35.6	35.7	35.9	35.9	35.9	35.9	36.2	36.2	36.3	
≥ 11000	25.8	28.1	31.2	32.9	33.6	35.5	37.4	37.6	37.7	37.7	37.7	37.7	38.	38.0	38.2	
≥ 9000	26.1	28.4	31.5	33.2	33.9	35.7	37.7	37.9	38.0	38.0	38.0	38.0	38.3	38.3	38.4	
≥ 8000	29.2	31.5	35.2	37.0	37.9	40.3	42.3	42.4	42.6	42.6	42.6	42.6	42.8	42.8	43.0	
≥ 7000	29.9	32.2	36.2	38.0	38.9	41.3	43.4	43.5	43.7	43.7	43.7	43.7	44.0	44.0	44.1	
≥ 6000	30.6	33.0	37.3	39.1	40.0	42.4	44.5	44.7	44.8	44.8	44.8	44.8	45.1	45.1	45.2	
≥ 5000	31.1	33.6	37.9	39.7	40.6	43.1	45.2	45.4	45.5	45.5	45.5	45.5	45.8	45.8	46.0	
≥ 4500	32.5	35.3	40.3	42.1	43.0	46.0	48.1	48.2	48.4	48.4	48.4	48.4	48.7	48.7	48.8	
≥ 4000	36.7	40.2	45.2	47.7	48.5	51.9	54.0	54.2	54.3	54.3	54.3	54.3	54.6	54.6	54.8	
≥ 3500	41.3	43.7	49.2	52.1	52.9	56.7	59.4	59.7	59.9	59.9	60.0	60.0	60.3	60.3	60.4	
≥ 3000	44.1	47.5	53.5	56.3	57.2	61.1	63.8	64.1	64.4	64.4	64.5	64.5	64.8	64.8	65.0	
≥ 2500	46.0	49.5	55.9	58.9	59.9	63.7	67.2	67.5	68.1	68.1	68.2	68.2	68.5	68.5	68.7	
≥ 2000	48.2	51.9	59.4	62.6	63.8	67.8	71.9	72.3	72.9	72.9	73.1	73.1	73.3	73.3	73.5	
≥ 1800	48.7	52.3	60.1	64.3	65.2	69.4	73.5	73.9	74.5	74.5	74.6	74.6	74.9	74.9	75.0	
≥ 1500	51.1	55.2	64.0	68.8	69.8	74.6	79.1	79.4	80.1	80.1	80.3	80.3	80.6	80.6	80.7	
≥ 1200	52.1	56.9	66.5	71.5	72.5	77.7	82.4	82.8	83.5	83.5	83.7	83.7	84.0	84.0	84.1	
≥ 1000	52.8	57.9	68.7	73.6	74.8	80.2	85.7	86.1	86.8	86.8	87.0	87.0	87.2	87.2	87.4	
≥ 900	52.9	58.0	68.9	73.9	75.0	81.3	86.2	86.7	87.4	87.4	87.5	87.5	87.8	87.8	87.9	
≥ 800	52.9	58.1	69.4	74.3	75.5	82.1	87.7	88.1	88.9	88.9	89.1	89.1	89.4	89.4	89.5	
≥ 700	53.3	58.4	69.8	74.8	76.1	82.8	88.4	88.8	89.6	89.6	89.8	89.8	90.2	90.2	90.4	
≥ 600	53.3	58.4	69.9	74.9	76.2	83.1	88.9	89.5	90.4	90.4	90.8	90.8	91.2	91.2	91.3	
≥ 500	53.5	58.6	70.1	75.3	76.6	83.4	89.6	90.2	91.2	91.5	92.3	92.5	93.3	93.3	93.5	
≥ 400	53.5	58.6	70.1	75.3	76.6	83.5	90.4	91.1	92.2	92.5	93.6	93.8	94.6	94.6	94.8	
≥ 300	53.5	58.6	70.1	75.3	76.6	83.7	90.5	91.3	93.0	93.3	94.9	95.0	96.6	96.6	97.2	
≥ 200	53.5	58.6	70.1	75.3	76.6	83.7	90.5	91.5	93.2	93.6	95.3	95.6	97.2	97.4	98.3	
≥ 100	53.5	58.6	70.1	75.3	76.6	83.7	90.5	91.5	93.2	93.6	95.5	95.7	97.7	98.0	100.0	
≥ 0	53.5	58.6	70.1	75.3	76.6	83.7	90.5	91.5	93.2	93.6	95.5	95.7	97.7	98.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 705

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-87 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16.0)	≥6 (GE9.7)	≥5 (GE8.0)	≥4 (GE6.4)	≥3 (GE4.8)	≥2 (GE4.0)	≥2 (GE3.2)	≥1½ (GE2.4)	≥1¼ (GE2.0)	≥1 (GE1.6)	¾ (GE1.2)	½ (GE1.0)	¼ (GE0.8)	⅛ (GE0.5)	⅛ (GE0.4)	0 (GE0.0)
NO CEILING	22.8	25.3	28.3	30.2	30.5	31.8	32.8	32.9	33.1	33.2	33.4	33.5	33.7	33.8	34.0	
20000	25.3	27.8	31.3	33.7	34.1	35.7	36.7	36.9	37.0	37.2	37.3	37.5	37.6	37.8	37.9	
18000	25.3	27.8	31.3	33.7	34.1	35.7	36.7	36.9	37.0	37.2	37.3	37.5	37.6	37.8	37.9	
16000	25.3	27.8	31.3	33.7	34.1	35.7	36.7	36.9	37.0	37.2	37.3	37.5	37.6	37.8	37.9	
14000	25.3	27.8	31.3	33.7	34.1	35.7	36.7	36.9	37.0	37.2	37.3	37.5	37.6	37.8	37.9	
12000	25.3	27.8	31.3	33.7	34.1	35.7	36.7	36.9	37.0	37.2	37.3	37.5	37.6	37.8	37.9	
11000	25.6	28.1	31.6	34.4	35.0	36.7	37.8	37.9	38.1	38.2	38.4	38.5	38.7	38.8	38.9	
10000	25.9	28.4	31.9	34.7	35.3	37.0	38.1	38.2	38.4	38.5	38.7	38.8	38.9	39.1	39.2	
9000	28.4	31.2	35.1	38.4	39.1	41.1	42.2	42.6	42.8	42.9	43.0	43.2	43.3	43.5	43.6	
8000	28.7	31.5	35.6	38.8	39.5	41.6	42.8	43.2	43.3	43.5	43.6	43.8	43.9	44.1	44.2	
7000	28.8	31.9	36.0	39.2	40.0	42.0	43.2	43.6	43.8	43.9	44.1	44.2	44.4	44.5	44.7	
6000	29.7	32.9	37.0	40.3	41.0	43.0	44.2	44.7	44.8	44.9	45.1	45.2	45.4	45.5	45.7	
5000	30.7	34.0	39.1	42.3	43.0	45.5	46.7	47.1	47.3	47.4	47.6	47.7	47.9	48.0	48.2	
4500	35.0	38.4	44.4	47.9	48.6	51.4	52.6	53.0	53.4	53.6	53.7	53.9	54.0	54.2	54.3	
4000	36.7	41.1	46.3	49.8	50.5	53.3	55.2	55.6	56.1	56.2	56.4	56.5	56.7	56.8	57.0	
3500	39.5	43.7	49.2	52.9	53.7	56.5	58.4	58.9	59.3	59.4	59.6	59.7	59.9	60.0	60.2	
3000	43.0	46.7	53.4	57.2	58.9	61.9	63.8	64.3	64.7	64.9	65.1	65.2	65.3	65.4	65.6	
2500	47.0	51.4	59.0	63.5	65.2	68.7	71.4	71.9	72.3	72.5	72.6	72.8	72.9	73.1	73.2	
2000	48.0	52.6	60.3	64.9	66.5	70.1	73.4	73.8	74.2	74.4	74.5	74.7	74.8	75.0	75.1	
1800	49.6	54.2	63.1	67.8	69.4	73.2	76.6	77.2	77.7	77.9	78.0	78.3	78.5	78.8	78.9	
1600	51.5	56.7	66.3	71.0	72.6	76.9	80.5	81.3	82.0	82.1	82.3	82.6	82.7	83.0	83.2	
1400	52.9	58.6	69.0	74.1	75.7	80.2	84.0	84.9	85.7	85.8	85.9	86.2	86.4	86.7	86.8	
1200	52.9	58.6	69.3	74.4	76.0	80.5	85.1	85.9	86.7	86.8	87.0	87.3	87.4	87.7	87.8	
1000	53.3	59.0	69.8	75.3	76.9	81.6	86.2	87.4	88.1	88.3	88.4	88.7	88.9	89.2	89.3	
900	53.6	59.4	70.3	75.8	77.6	82.3	87.1	88.7	89.6	89.8	89.9	90.2	90.3	90.6	90.8	
800	53.6	59.4	70.3	76.0	77.7	82.4	87.4	89.0	90.0	90.2	90.5	90.9	91.1	91.4	91.5	
700	53.6	59.4	70.3	76.1	77.9	82.7	87.7	89.3	90.3	90.5	90.8	91.4	91.9	92.2	92.4	
600	53.6	59.4	70.3	76.3	78.0	83.3	88.9	90.5	91.7	91.8	92.2	92.8	93.6	93.9	94.0	
500	53.6	59.4	70.3	76.3	78.0	83.5	89.2	91.5	93.0	93.1	93.7	94.6	95.5	95.8	96.2	
400	53.6	59.4	70.3	76.3	78.0	83.5	89.2	91.7	93.1	93.3	94.0	95.3	96.5	97.2	98.5	
300	53.6	59.4	70.3	76.3	78.0	83.5	89.2	91.7	93.1	93.4	94.1	95.5	96.9	98.1	100.0	
200	53.6	59.4	70.3	76.3	78.0	83.5	89.2	91.7	93.1	93.4	94.1	95.5	96.9	98.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 683

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03621 ALCONBURY RAF, UK 74-83 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (GE9)	≥5 (GE8)	≥4 (GE6)	≥3 (GE4)	≥2½ (GE4)	≥2 (GE3)	≥1¾ (GE24)	≥1½ (GE20)	≥1 (GE16)	≥⅞ (GE12)	≥¾ (GE10)	≥⅝ (GE8)	≥½ (GE5)	≥⅜ (GE4)	≥0 (GE0)
NO CEILING	17.8	18.8	21.4	22.4	22.7	23.9	24.7	24.9	25.3	25.4	25.4	25.4	25.7	25.8	26.4	
≥ 20000	21.2	22.5	26.4	27.3	27.7	29.3	30.1	30.4	30.8	30.8	30.9	30.9	31.2	31.3	31.9	
≥ 18000	21.4	22.8	26.4	27.7	28.0	29.6	30.5	30.7	31.1	31.2	31.2	31.3	31.5	31.7	32.2	
≥ 16000	21.4	22.8	26.4	27.7	28.0	29.6	30.5	30.7	31.1	31.2	31.2	31.3	31.5	31.7	32.2	
≥ 14000	21.5	22.8	26.4	27.7	28.0	29.7	30.5	30.7	31.2	31.2	31.3	31.3	31.5	31.7	32.3	
≥ 12000	21.6	22.9	26.5	27.8	28.1	29.8	30.6	30.9	31.3	31.3	31.4	31.4	31.7	31.8	32.4	
≥ 10000	23.3	24.5	28.1	29.5	30.0	31.7	32.5	32.8	33.2	33.2	33.3	33.3	33.6	33.7	34.3	
≥ 9000	23.5	25.0	28.7	30.2	30.6	32.3	33.2	33.4	33.9	33.9	34.0	34.0	34.2	34.4	35.0	
≥ 8000	26.1	27.8	31.9	33.5	34.0	36.0	36.8	37.1	37.6	37.6	37.7	37.8	38.	38.1	38.7	
≥ 7000	26.8	28.4	32.7	34.3	34.8	36.8	37.7	38.0	38.4	38.5	38.5	38.6	38.8	39.0	39.6	
≥ 6000	27.3	28.7	33.1	34.8	35.3	37.3	38.2	38.5	39.0	39.0	39.1	39.2	39.4	39.5	40.1	
≥ 5000	28.2	30.0	34.6	36.2	36.8	38.8	39.7	40.0	40.5	40.5	40.6	40.7	40.9	41.0	41.6	
≥ 4500	29.5	31.4	36.3	38.1	38.7	40.9	42.0	42.3	42.8	42.8	42.9	42.9	43.2	43.3	43.9	
≥ 4000	32.6	34.8	40.4	42.3	43.0	45.6	46.7	47.0	47.6	47.7	47.7	47.8	48.0	48.2	48.8	
≥ 3500	35.7	38.0	44.1	46.3	47.0	49.8	51.3	51.7	52.3	52.4	52.5	52.5	52.8	52.9	53.5	
≥ 3000	39.1	41.7	48.4	50.8	51.6	54.6	56.3	56.7	57.4	57.5	57.5	57.6	57.8	58.0	58.6	
≥ 2500	41.9	44.7	51.9	54.5	55.5	58.8	60.8	61.3	62.2	62.2	62.3	62.4	62.6	62.8	63.4	
≥ 2000	45.2	48.3	56.4	59.3	60.4	64.0	66.3	66.9	67.9	68.0	68.1	68.2	68.5	68.6	69.2	
≥ 1800	46.0	49.2	57.4	60.4	61.5	65.1	67.6	68.2	69.2	69.3	69.4	69.5	69.8	70.0	70.6	
≥ 1500	48.1	51.7	60.6	63.8	64.9	68.9	71.7	72.4	73.6	73.7	73.8	73.9	74.2	74.3	74.9	
≥ 1200	50.1	54.0	64.0	67.5	68.6	73.1	76.3	77.2	78.7	78.9	79.0	79.1	79.4	79.6	80.2	
≥ 1000	51.1	55.2	65.8	69.5	70.7	75.5	78.8	79.8	81.4	81.7	81.8	82.1	82.3	82.5	83.1	
≥ 900	51.3	55.5	66.3	70.0	71.3	76.2	79.6	80.6	82.3	82.6	82.9	83.1	83.4	83.6	84.2	
≥ 800	51.6	55.8	67.0	71.0	72.3	77.5	81.2	82.3	84.1	84.5	84.7	85.0	85.3	85.5	86.1	
≥ 700	51.9	56.2	67.7	71.9	73.3	78.7	82.6	83.9	85.9	86.2	86.5	86.8	87.2	87.4	88.0	
≥ 600	52.1	56.4	68.0	72.3	73.7	79.2	83.5	84.9	87.2	87.6	87.9	88.3	88.7	88.9	89.5	
≥ 500	52.1	56.4	68.1	72.5	74.0	79.7	84.1	85.6	88.2	88.7	89.2	89.7	90.2	90.4	91.2	
≥ 400	52.1	56.4	68.1	72.6	74.1	80.1	84.7	86.4	89.2	89.9	90.4	91.0	91.6	91.9	92.7	
≥ 300	52.1	56.4	68.1	72.6	74.2	80.2	85.0	86.9	90.3	91.2	92.0	92.7	93.7	94.2	95.8	
≥ 200	52.1	56.4	68.1	72.6	74.2	80.2	85.0	87.0	90.6	91.5	92.5	93.4	94.8	95.8	98.4	
≥ 100	52.1	56.4	68.1	72.6	74.2	80.2	85.0	87.0	90.6	91.6	92.5	93.5	95.1	96.3	99.9	
≥ 0	52.1	56.4	68.1	72.6	74.2	80.2	85.0	87.0	90.6	91.6	92.5	93.5	95.1	96.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 5684

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-80,82-83 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥⅞ GE1	≥¾ GE1	≥⅝ GE0	≥½ GE0	≥⅜ GE0	≥0 GE0
NO CEILING		30.7	32.7	36.1	36.5	37.0	38.1	38.3	38.6	39.2	39.2	39.2	39.5	39.5	39.7	39.7
≥ 20000		33.0	35.0	39.2	39.7	40.1	41.5	42.2	42.4	43.3	43.3	43.3	43.5	43.5	43.7	43.7
≥ 18000		33.0	35.0	39.5	39.9	40.4	41.7	42.4	42.6	43.5	43.5	43.5	43.7	43.7	43.9	43.9
≥ 16000		33.0	35.0	39.5	39.9	40.4	41.7	42.4	42.6	43.5	43.5	43.5	43.7	43.7	43.9	43.9
≥ 14000		33.0	35.0	39.5	39.9	40.4	41.7	42.4	42.6	43.5	43.5	43.5	43.7	43.7	43.9	43.9
≥ 12000		33.0	35.0	39.5	39.9	40.4	41.7	42.4	42.6	43.5	43.5	43.5	43.7	43.7	43.9	43.9
≥ 10000		33.2	35.2	39.7	40.1	40.6	41.9	42.6	42.8	43.7	43.7	43.7	43.9	43.9	44.2	44.2
≥ 9000		33.2	35.2	39.7	40.1	40.6	42.2	42.8	43.0	43.9	43.9	43.9	44.2	44.2	44.4	44.4
≥ 8000		35.2	37.2	41.9	42.6	43.0	44.6	45.3	45.5	46.4	46.4	46.4	46.6	46.6	46.9	46.9
≥ 7000		35.2	37.2	41.9	42.6	43.0	44.6	45.3	45.5	46.4	46.4	46.4	46.6	46.6	46.9	46.9
≥ 6000		35.2	37.2	41.9	42.6	43.0	44.6	45.3	45.5	46.4	46.4	46.4	46.6	46.6	46.9	46.9
≥ 5000		36.8	38.8	43.7	44.4	44.8	46.4	47.1	47.3	48.2	48.2	48.2	48.4	48.4	48.7	48.7
≥ 4500		39.2	41.3	46.6	47.8	48.2	49.8	50.7	50.9	51.8	51.8	51.8	52.0	52.0	52.2	52.2
≥ 4000		41.5	43.5	48.9	50.4	50.9	52.5	53.4	53.6	54.5	54.5	54.5	54.7	54.7	54.9	54.9
≥ 3500		45.5	48.2	54.5	56.5	57.0	58.7	59.6	59.9	60.8	60.8	60.8	61.0	61.0	61.2	61.2
≥ 3000		48.9	52.0	58.5	60.8	61.4	63.2	64.1	64.3	65.2	65.2	65.2	65.5	65.5	65.7	65.7
≥ 2500		51.1	54.3	61.7	64.1	64.8	66.6	67.5	67.9	68.8	68.8	68.8	69.1	69.1	69.3	69.3
≥ 2000		53.1	56.5	64.8	67.3	67.9	69.7	70.6	71.3	72.4	72.4	72.4	72.6	72.6	72.9	72.9
≥ 1800		54.3	57.6	65.9	68.4	69.1	71.1	72.0	72.6	73.8	73.8	73.8	74.0	74.0	74.2	74.2
≥ 1500		56.1	59.6	68.4	71.3	72.0	74.0	74.9	75.6	76.7	76.7	76.7	76.9	76.9	77.1	77.1
≥ 1200		58.5	62.1	71.3	74.2	75.1	77.1	78.0	78.7	79.8	79.8	79.8	80.0	80.0	80.3	80.3
≥ 1000		60.1	63.7	72.9	76.0	76.9	78.9	79.8	80.5	81.6	81.6	81.6	81.8	81.8	82.1	82.1
≥ 900		60.1	63.7	72.9	76.0	76.9	79.1	80.0	80.9	82.1	82.1	82.1	82.3	82.3	82.5	82.5
≥ 800		60.5	64.3	74.0	77.4	78.3	80.5	82.5	83.4	85.2	85.2	85.2	85.4	85.4	85.7	85.7
≥ 700		61.0	64.8	74.4	77.8	78.7	81.2	83.9	84.8	86.5	86.5	86.5	86.8	87.0	87.2	87.4
≥ 600		61.2	65.0	75.3	78.7	79.6	82.1	86.3	87.4	89.7	89.7	89.7	89.9	90.1	90.4	90.6
≥ 500		61.2	65.0	76.0	79.4	80.7	83.6	88.3	90.4	93.3	93.5	93.5	93.7	93.9	94.2	94.4
≥ 400		61.2	65.0	76.2	79.6	80.9	84.5	89.7	91.7	94.6	94.8	94.8	95.1	95.3	95.5	95.7
≥ 300		61.2	65.0	76.5	79.8	81.2	84.8	89.9	91.9	94.8	95.1	95.1	95.7	96.2	96.4	96.6
≥ 200		61.2	65.0	76.5	79.8	81.2	85.0	90.1	92.4	95.5	96.0	96.4	97.1	97.8	98.7	99.3
> 100		61.2	65.0	76.5	79.8	81.2	85.0	90.1	92.4	95.5	96.0	96.9	97.5	98.4	99.3	100.0
≥		61.2	65.0	76.5	79.6	81.2	85.0	90.1	92.4	95.5	96.0	96.9	97.5	98.4	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 496

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03551 ALCONBURY RAF UK 74-83 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1201-0500
HOUR LST

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (≥9)	≥5 (≥8)	≥4 (≥6)	≥3 (≥4.8)	≥2½ (≥4)	≥2 (≥3.2)	≥1½ (≥2.4)	≥1¼ (≥2)	≥1 (≥1.6)	≥¾ (≥1.2)	≥½ (≥1.0)	≥⅜ (≥0.8)	≥¼ (≥0.6)	≥3/16 (≥0.5)	≥0 (≥0.0)
NO CEILING	29.4	31.0	34.6	35.1	35.4	36.5	37.2	37.7	37.9	37.9	38.3	38.3	38.4	38.8	39.6	
≥ 20000	32.3	34.2	38.3	39.1	39.6	40.7	41.6	42.1	42.7	42.7	43.0	43.0	43.2	43.6	44.3	
≥ 8000	32.4	34.4	38.4	39.2	39.7	40.9	41.8	42.3	42.8	42.8	43.2	43.2	43.3	43.7	44.4	
≥ 5000	32.4	34.4	38.4	39.2	39.7	40.9	41.8	42.3	42.8	42.8	43.2	43.2	43.3	43.7	44.4	
≥ 4000	32.4	34.4	38.4	39.2	39.7	40.9	41.8	42.3	42.8	42.8	43.2	43.2	43.3	43.7	44.4	
≥ 3000	32.4	34.4	38.4	39.2	39.7	40.9	41.8	42.3	42.8	42.8	43.2	43.2	43.3	43.7	44.4	
≥ 2500	33.7	35.8	39.8	40.6	41.1	42.3	43.3	43.8	44.3	44.3	44.7	44.7	44.8	45.2	46.0	
≥ 2000	34.1	36.1	40.2	41.0	41.5	42.7	43.7	44.2	44.7	44.7	45.1	45.1	45.2	45.6	46.4	
≥ 1800	37.1	39.2	43.3	44.1	44.6	45.8	46.9	47.4	47.9	47.9	48.3	48.3	48.4	48.9	49.7	
≥ 1500	37.8	39.2	43.3	44.1	44.6	45.8	46.9	47.4	47.9	47.9	48.3	48.4	48.5	49.0	49.8	
≥ 1200	37.2	39.3	43.4	44.2	44.7	46.1	47.0	47.5	48.0	48.0	48.4	48.5	48.7	49.2	49.9	
≥ 1000	38.1	40.2	44.4	45.5	46.0	47.3	48.5	49.0	49.6	49.6	49.9	50.1	50.2	50.7	51.5	
≥ 900	40.9	43.1	47.4	48.5	49.3	50.6	51.9	52.4	52.9	52.9	53.3	53.4	53.5	54.0	54.8	
≥ 800	44.4	46.6	51.2	52.4	53.1	54.4	55.7	56.2	56.7	56.7	57.1	57.2	57.3	57.9	58.6	
≥ 700	47.1	49.7	54.5	56.1	56.8	58.1	59.4	59.9	60.4	60.4	60.8	60.9	61.0	61.6	62.3	
≥ 600	51.3	54.0	59.0	60.7	61.4	62.7	64.0	64.5	65.0	65.0	65.4	65.5	65.6	66.2	66.9	
≥ 500	53.6	56.3	61.6	63.3	64.1	65.6	67.2	67.7	68.2	68.2	68.6	68.7	68.8	69.3	70.1	
≥ 400	56.4	59.1	65.6	67.6	68.3	70.1	71.9	72.4	73.1	73.1	73.4	73.6	73.7	74.2	75.0	
≥ 300	57.1	59.8	66.4	68.5	69.2	71.0	72.8	73.3	73.9	73.9	74.3	74.5	74.6	75.1	75.9	
≥ 200	58.6	61.6	69.3	71.4	72.2	74.1	76.0	76.5	77.1	77.1	77.5	77.7	77.8	78.3	79.1	
≥ 100	62.5	63.5	71.6	74.5	75.2	77.1	79.1	79.6	80.2	80.2	80.6	80.7	80.8	81.4	82.1	
≥ 0	62.3	65.3	73.8	76.6	77.4	79.4	81.4	81.9	82.8	82.8	83.1	83.3	83.4	83.9	84.7	

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (≥9)	≥5 (≥8)	≥4 (≥6)	≥3 (≥4.8)	≥2½ (≥4)	≥2 (≥3.2)	≥1½ (≥2.4)	≥1¼ (≥2)	≥1 (≥1.6)	≥¾ (≥1.2)	≥½ (≥1.0)	≥⅜ (≥0.8)	≥¼ (≥0.6)	≥3/16 (≥0.5)	≥0 (≥0.0)
≥ 900	62.7	65.6	74.3	77.3	78.0	80.1	82.0	82.6	83.7	83.7	84.2	84.3	84.4	84.9	85.7	
≥ 800	64.7	65.6	74.3	77.5	78.4	80.7	82.9	83.5	84.5	84.5	85.1	85.2	85.3	85.8	86.6	
≥ 700	62.7	65.6	74.7	77.9	78.8	81.5	84.2	84.8	85.8	85.8	86.3	86.5	86.6	87.1	87.9	
≥ 600	63.1	66.0	75.2	78.5	79.6	82.2	85.3	86.0	87.2	87.4	87.9	88.0	88.3	88.8	89.5	
≥ 500	63.3	66.4	75.7	79.3	80.5	83.8	87.7	88.6	90.2	90.3	90.8	91.1	91.4	92.2	93.0	
≥ 400	63.3	66.4	76.2	79.8	81.1	84.7	89.8	90.7	92.3	92.6	93.1	93.4	93.7	94.5	95.3	
≥ 300	63.5	66.5	76.5	80.1	81.4	85.1	90.3	91.4	93.5	93.7	94.3	94.6	95.1	96.3	97.2	
≥ 200	63.5	66.5	76.5	80.1	81.4	85.1	90.4	91.7	93.9	94.5	95.1	95.5	96.0	97.6	98.7	
≥ 100	63.5	66.5	76.5	80.1	81.4	85.1	90.4	91.7	94.0	94.6	95.3	95.7	96.4	98.3	100.0	
≥ 0	63.5	66.5	76.5	80.1	81.4	85.1	90.4	91.7	94.0	94.6	95.3	95.7	96.4	98.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 783

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7E621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-82 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0200-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥½ GE10	≥¼ GE08	≥5/16 GE05	≥0 GE04	≥0 GE00
NO CEILING		19.8	20.7	23.4	24.7	25.1	26.1	26.9	27.2	27.6	27.6	27.7	27.7	27.8	28.3	29.1
≥ 20000		24.5	26.3	29.8	31.4	31.9	33.5	34.3	34.6	35.1	35.3	35.5	35.5	35.7	36.2	37.0
≥ 18000		24.5	26.3	29.8	31.4	31.9	33.5	34.3	34.6	35.1	35.3	35.5	35.5	35.7	36.2	37.0
≥ 16000		24.5	26.3	29.8	31.4	31.9	33.5	34.3	34.6	35.1	35.3	35.5	35.5	35.7	36.2	37.0
≥ 14000		24.6	26.4	29.9	31.6	32.0	33.6	34.4	34.7	35.2	35.5	35.6	35.6	35.8	36.3	37.1
≥ 12000		24.9	26.9	30.4	32.0	32.5	34.0	34.9	35.2	35.7	35.9	36.0	36.0	36.3	36.7	37.6
≥ 10000		27.2	29.2	32.7	34.4	34.9	36.4	37.2	37.6	38.0	38.3	38.4	38.4	38.6	39.1	39.9
≥ 9000		27.7	29.7	33.3	35.0	35.5	37.0	37.8	38.2	38.6	38.9	39.0	39.0	39.2	39.7	40.5
≥ 8000		31.6	33.6	37.2	39.1	39.6	41.2	42.2	42.5	43.0	43.2	43.3	43.3	43.6	44.1	44.9
≥ 7000		31.8	33.8	37.7	39.6	40.0	41.7	42.8	43.1	43.6	43.8	43.9	44.1	44.3	44.8	45.6
≥ 6000		32.9	33.9	37.8	39.7	40.2	41.8	42.9	43.2	43.7	43.9	44.1	44.2	44.4	44.9	45.7
≥ 5000		33.1	35.1	39.2	41.1	41.7	43.3	44.5	45.1	45.5	45.7	45.8	45.9	46.2	46.6	47.5
≥ 4500		34.6	36.9	41.5	43.3	44.1	45.8	47.1	47.6	48.1	48.3	48.4	48.5	48.8	49.2	50.1
≥ 4000		37.7	39.9	44.5	46.5	47.2	49.0	50.3	50.8	51.2	51.5	51.6	51.7	51.9	52.4	53.2
≥ 3500		39.7	42.1	47.0	49.2	49.9	51.7	53.4	53.9	54.4	54.7	54.8	54.9	55.1	55.6	56.4
≥ 3000		43.3	45.7	50.8	53.0	53.7	55.6	57.4	58.0	58.4	58.7	58.8	58.9	59.1	59.6	60.4
≥ 2500		46.3	48.6	54.5	57.2	58.0	60.0	61.8	62.4	62.9	63.1	63.3	63.4	63.6	64.1	64.9
≥ 2000		50.1	52.5	58.5	61.2	62.0	64.7	66.9	67.5	68.0	68.2	68.3	68.4	68.7	69.1	70.0
≥ 1800		50.1	52.5	58.7	61.4	62.1	64.8	67.0	67.6	68.1	68.3	68.4	68.6	68.8	69.3	70.1
≥ 1500		52.4	55.0	62.5	65.5	66.3	69.3	71.6	72.3	72.8	73.0	73.1	73.3	73.5	74.0	74.8
≥ 1200		53.6	56.5	64.3	67.4	68.3	71.4	74.8	75.6	76.1	76.3	76.4	76.6	76.8	77.3	78.1
≥ 1000		54.5	57.5	65.6	68.7	69.6	72.8	76.3	77.1	77.6	77.9	78.0	78.1	78.3	78.8	79.6
≥ 900		55.2	59.4	66.7	69.8	70.8	74.0	77.6	78.4	78.9	79.3	79.4	79.6	79.9	80.3	81.2
≥ 800		55.5	58.7	66.9	70.3	71.5	74.8	78.6	79.5	80.0	80.3	80.4	80.7	80.9	81.4	82.2
≥ 700		55.8	59.1	68.2	72.0	73.1	77.3	81.3	82.4	82.9	83.3	83.4	83.6	84.0	84.5	85.3
≥ 600		55.9	59.2	68.3	72.2	73.7	78.4	83.3	84.8	85.2	85.5	85.6	86.0	86.3	86.8	87.6
≥ 500		55.9	59.2	68.4	72.6	74.1	78.8	84.0	85.3	86.0	86.3	86.8	87.4	88.0	88.7	89.5
≥ 400		55.9	59.2	68.6	72.9	74.6	79.3	84.8	86.5	87.6	88.2	88.7	89.4	90.6	91.3	92.2
≥ 300		55.9	59.2	68.6	72.9	74.6	79.3	85.0	86.9	88.7	89.5	90.3	91.4	93.5	94.7	97.1
≥ 200		55.9	59.2	68.6	72.9	74.6	79.3	85.0	87.0	88.9	89.8	90.6	91.9	94.2	95.8	99.2
≥ 100		55.9	59.2	68.6	72.9	74.6	79.3	85.1	87.1	89.0	89.9	90.7	92.0	94.5	96.2	100.0
= 0		55.9	59.2	68.6	72.9	74.6	79.3	85.1	87.1	89.0	89.9	90.7	92.0	94.5	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 849

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-87 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-2100 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR HUNDREDS OF METERS															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
	>16	GE9	GE8	GE6	GE4	GE4	GE3	GE2	GE2	GE1	GE1	GE1	GE1	GE0	GE0	GE0
NO CEILING	16.6	16.4	19.1	20.6	20.6	20.9	21.2	21.5	21.5	21.5	21.5	21.5	21.5	21.8	21.9	22.0
≥ 20000	23.0	24.0	27.3	29.0	29.0	29.3	29.7	29.9	29.9	29.9	29.9	29.9	30.2	30.3	30.4	
≥ 10000	23.1	24.2	27.4	29.1	29.1	29.4	29.8	30.0	30.1	30.1	30.1	30.1	30.4	30.6	30.7	
≥ 8000	23.1	24.2	27.4	29.1	29.1	29.4	29.8	30.0	30.1	30.1	30.1	30.1	30.4	30.6	30.7	
≥ 7000	23.5	24.5	27.8	29.4	29.4	29.8	30.1	30.3	30.4	30.4	30.4	30.4	30.8	30.9	31.0	
≥ 6000	24.6	25.7	29.4	30.7	30.7	31.0	31.3	31.7	31.9	31.9	31.9	31.9	32.2	32.4	32.5	
≥ 5000	26.1	27.3	30.6	32.4	32.4	32.8	33.1	33.5	33.7	33.7	33.7	33.7	34.	34.2	34.3	
≥ 4500	28.1	29.3	33.0	34.9	34.9	35.4	35.7	36.1	36.3	36.3	36.3	36.3	36.6	36.7	36.9	
≥ 4000	32.4	33.8	37.5	39.6	39.6	40.1	40.4	40.8	41.0	41.0	41.0	41.0	41.3	41.5	41.6	
≥ 3500	32.8	34.3	38.0	40.0	40.0	40.7	41.2	41.7	42.0	42.0	42.0	42.0	42.4	42.5	42.6	
≥ 3000	32.9	34.4	38.1	40.1	40.1	40.8	41.3	41.8	42.1	42.1	42.1	42.1	42.5	42.6	42.7	
≥ 2500	33.6	35.1	39.	41.2	41.3	42.1	42.6	43.0	43.4	43.4	43.4	43.4	43.7	43.8	43.9	
≥ 2000	35.2	36.6	41.0	43.4	43.5	44.3	44.8	45.3	45.6	45.6	45.6	45.6	46.0	46.1	46.2	
≥ 1800	39.4	40.9	45.7	48.1	48.2	49.2	49.8	50.2	50.6	50.6	50.6	50.6	50.9	51.0	51.1	
≥ 1600	41.0	42.7	47.9	50.2	50.3	51.3	51.9	52.4	52.7	52.7	52.7	52.7	53.1	53.4	53.5	
≥ 1400	44.4	46.3	52.4	54.9	55.1	56.6	57.3	57.8	58.1	58.2	58.2	58.2	58.7	58.9	59.0	
≥ 1200	47.9	49.8	56.4	59.3	59.6	61.1	61.8	62.2	62.7	62.8	62.8	62.8	63.3	63.5	63.6	
≥ 1000	51.3	53.4	60.6	63.6	63.8	65.4	66.1	66.5	67.0	67.1	67.1	67.1	67.5	67.8	67.9	
≥ 900	52.1	54.2	61.3	64.4	64.6	66.3	67.0	67.4	67.9	68.0	68.0	68.0	68.4	68.7	68.8	
≥ 800	56.2	58.2	66.2	69.3	69.7	71.6	72.5	73.0	73.5	73.6	73.6	73.6	74.0	74.3	74.4	
≥ 700	59.4	61.6	71.2	73.4	73.7	75.8	77.5	78.3	78.9	79.0	79.0	79.0	79.4	79.7	79.8	
≥ 600	51.5	63.8	73.5	77.3	77.8	81.1	81.8	82.6	83.3	83.4	83.4	83.4	83.8	84.0	84.2	
≥ 500	62.6	65.1	75.2	79.1	79.6	82.1	83.9	84.8	85.5	85.6	85.6	85.6	86.1	86.3	86.4	
≥ 400	63.2	65.6	76.1	80.6	81.1	83.7	85.5	86.4	87.2	87.3	87.3	87.3	87.8	88.0	88.1	
≥ 300	63.4	66.	76.6	81.1	81.7	84.7	86.6	87.6	88.8	88.9	88.9	89.0	89.4	89.7	89.8	
≥ 200	63.6	66.2	77.1	81.9	82.5	85.7	88.0	89.2	90.6	90.7	90.7	90.8	91.5	91.7	91.8	
≥ 100	63.6	66.2	77.3	82.4	82.9	86.3	88.7	90.6	92.4	92.6	92.6	92.7	93.3	93.7	93.8	
≥ 0	63.7	66.3	77.5	82.6	83.1	87.1	89.6	91.8	93.7	94.3	94.3	94.4	95.4	95.7	95.8	
	63.7	66.3	77.5	82.6	83.1	87.1	89.7	92.1	94.5	95.3	95.5	96.3	97.2	97.6	98.2	
	63.7	66.3	77.5	82.6	83.1	87.1	89.8	92.2	94.6	95.7	96.1	96.5	98.3	99.1	99.8	
	63.7	66.3	77.5	82.6	83.1	87.1	89.8	92.2	94.6	95.7	96.1	96.5	98.3	99.1	100.0	
	63.7	66.3	77.5	82.6	83.1	87.1	89.8	92.2	94.6	95.7	96.1	96.5	98.3	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 890

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-87 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥½ GE0	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING		18.7	19.5	20.9	21.4	21.4	21.5	21.7	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 20000		28.4	26.5	29.2	29.7	29.7	29.8	30.0	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 18000		25.6	26.7	29.4	29.9	29.9	30.0	30.2	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5
≥ 16000		25.6	26.7	29.4	29.9	29.9	30.0	30.2	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5
≥ 14000		25.8	26.9	29.6	30.1	30.1	30.2	30.5	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 12000		26.7	27.8	30.5	31.0	31.0	31.1	31.3	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 10000		26.4	29.5	32.2	32.7	32.7	32.8	33.3	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 9000		29.5	31.7	33.5	34.0	34.0	34.1	34.6	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 8000		33.2	34.3	37.1	37.8	37.8	37.9	38.3	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 7000		33.6	35.3	38.2	38.9	38.9	39.0	39.5	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 6000		34.1	35.6	38.5	39.2	39.2	39.3	39.8	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 5000		35.4	36.9	40.2	40.8	40.8	40.9	41.4	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 4500		36.9	38.4	41.9	42.6	42.6	42.8	43.4	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 4000		41.8	43.4	46.9	47.9	48.0	48.2	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 3500		47.0	48.9	52.5	53.5	53.6	53.8	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 3000		55.1	56.9	60.9	62.0	62.2	62.4	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 2500		58.2	60.2	64.5	65.7	65.9	66.2	66.7	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 2000		63.9	66.2	71.3	72.7	72.9	73.4	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 1800		65.1	67.5	72.9	74.4	74.6	75.1	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1500		69.1	71.9	78.0	79.9	80.2	80.7	81.4	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1200		72.9	75.8	82.7	85.1	85.6	86.3	87.6	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1000		74.4	77.4	85.5	88.2	88.8	90.2	91.7	92.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900		75.3	78.5	86.5	89.2	89.9	91.6	93.4	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800		75.6	78.7	87.0	89.7	90.3	92.0	94.0	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700		75.7	79.1	87.5	90.7	91.4	93.1	95.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600		75.8	79.2	87.8	91.1	91.8	93.8	95.9	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500		75.8	79.2	87.9	91.2	91.9	94.1	96.2	97.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 400		75.8	79.2	88.1	91.3	92.0	94.3	96.8	97.8	98.9	98.9	99.0	99.2	99.4	99.4	99.4
≥ 300		75.8	79.3	88.2	91.4	92.1	94.4	96.9	98.1	99.2	99.2	99.4	99.6	99.8	99.8	99.8
≥ 200		75.8	79.3	88.2	91.4	92.1	94.4	96.9	98.1	99.2	99.4	99.5	99.7	99.9	100.0	100.0
≥ 100		75.8	79.3	88.2	91.4	92.1	94.4	96.9	98.1	99.2	99.4	99.5	99.7	99.9	100.0	100.0
0		75.8	79.3	88.2	91.4	92.1	94.4	96.9	98.1	99.2	99.4	99.5	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-87 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥¼ GE0	≥⅛ GE0	≥5/16 GE0	≥0 GE0
NO CEILING		20.5	21.2	22.0	22.0	22.0	22.2	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3
≥ 20000		29.0	29.7	30.9	30.9	30.9	31.1	31.3	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥ 18000		29.1	29.8	31.0	31.0	31.0	31.2	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 16000		29.1	29.8	31.0	31.0	31.0	31.2	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 14000		29.5	30.1	31.3	31.3	31.3	31.5	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 12000		30.4	31.1	32.3	32.3	32.3	32.5	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8
≥ 10000		32.8	33.6	34.8	34.8	34.8	35.0	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 9000		34.1	34.9	36.2	36.2	36.2	36.4	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 8000		38.7	39.5	40.9	40.9	40.9	41.1	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 7000		39.9	40.9	42.5	42.7	42.7	42.9	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 6000		41.1	41.1	42.8	43.0	43.0	43.3	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 5000		42.2	43.2	45.1	45.2	45.2	45.4	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 4500		45.1	46.1	48.5	48.7	48.7	48.9	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 4000		51.5	52.6	55.0	55.4	55.4	55.7	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 3500		58.3	59.1	61.6	62.1	62.1	62.5	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 3000		63.3	64.3	67.0	67.5	67.5	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 2500		65.4	66.6	70.0	70.5	70.5	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 2000		72.0	73.4	78.5	79.2	79.2	81.0	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1800		72.2	73.7	78.8	79.7	79.7	80.5	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1500		75.5	77.3	84.3	85.3	85.5	86.5	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1200		77.3	79.2	87.2	88.5	88.8	90.1	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000		78.5	80.7	88.8	90.4	90.9	92.9	94.0	94.2	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 900		78.7	80.9	89.2	90.9	91.3	93.5	94.6	94.8	95.2	95.2	95.3	95.4	95.4	95.4	95.4
≥ 800		78.7	81.1	89.5	91.1	91.5	93.7	94.8	95.0	95.4	95.4	95.5	95.7	95.7	95.7	95.7
≥ 700		76.8	81.4	90.0	91.6	92.1	94.2	95.5	96.1	96.5	96.5	96.6	96.8	96.8	96.8	96.8
≥ 600		79.1	81.7	90.4	92.2	92.6	94.9	96.3	96.8	97.6	97.6	97.7	97.9	97.9	97.9	97.9
≥ 500		79.1	81.7	90.7	92.5	92.9	95.4	97.0	97.5	98.3	98.3	98.4	98.6	98.6	98.6	98.6
≥ 400		79.1	81.7	90.7	92.6	93.0	95.8	97.3	97.9	98.8	98.8	98.9	99.2	99.5	99.5	99.5
≥ 300		79.1	81.7	90.7	92.7	93.2	95.9	97.4	98.2	99.2	99.2	99.3	99.7	99.9	99.9	99.9
≥ 200		79.1	81.7	90.7	92.7	93.2	95.9	97.4	98.3	99.3	99.3	99.5	99.8	100.0	100.0	100.0
≥ 100		79.1	81.7	90.7	92.7	93.2	95.9	97.4	98.3	99.3	99.3	99.5	99.8	100.0	100.0	100.0
≥ 0		79.1	81.7	90.7	92.7	93.2	95.9	97.4	98.3	99.3	99.3	99.5	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥5 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2 GE40	≥2 GE32	≥1 GE24	≥1 GE20	≥1 GE16	≥ GE12	≥ GE10	≥ GE08	≥5/16 GE05	≥ GE04	≥0 GE00
NO CEILING		28.3	29.9	31.5	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 20000		33.4	35.0	36.6	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 18000		33.5	35.1	36.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 6000		33.6	35.4	37.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 14000		33.8	35.4	37.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 12000		34.1	35.8	37.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 10000		37.3	39.1	40.8	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 9000		38.3	40.1	42.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 8000		42.1	44.1	46.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 7000		42.6	44.6	46.6	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 6000		42.9	44.9	46.9	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 5000		44.1	46.4	48.5	49.9	49.9	49.9	49.9	49.9	49.9	50.2	50.2	50.2	50.2	50.2	50.2
≥ 4500		46.1	48.7	50.6	52.3	52.3	52.3	52.3	52.3	52.3	52.6	52.6	52.6	52.6	52.6	52.6
≥ 4000		50.2	53.0	55.5	57.0	57.0	57.0	57.0	57.0	57.0	57.3	57.3	57.3	57.3	57.3	57.3
≥ 3500		55.9	59.0	61.8	63.3	63.3	63.3	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7
≥ 3000		60.4	63.6	67.5	69.0	69.0	69.2	69.4	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7
≥ 2500		62.5	65.7	70.2	71.7	71.7	71.9	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4
≥ 2000		65.9	69.7	75.2	77.2	77.2	77.5	77.7	77.9	77.9	78.1	78.1	78.1	78.1	78.3	78.3
≥ 1800		66.8	71.5	76.4	78.8	78.8	79.1	79.5	79.6	79.6	79.9	79.9	79.9	79.9	80.0	80.0
≥ 1500		69.4	73.5	80.0	82.7	82.7	83.2	83.6	83.7	83.7	83.9	83.9	83.9	83.9	84.1	84.1
≥ 1200		71.2	75.7	82.9	86.3	86.3	87.4	88.4	88.5	88.5	88.7	88.7	88.7	88.7	88.9	88.9
≥ 1000		71.9	77.0	84.7	88.4	88.5	90.1	91.9	92.1	92.4	92.7	92.7	92.7	92.7	92.8	92.8
≥ 900		72.1	77.2	85.0	88.7	89.0	90.6	92.4	92.5	92.9	93.2	93.2	93.2	93.2	93.3	93.3
≥ 800		72.2	77.4	85.1	89.0	89.3	90.9	92.9	93.0	93.4	93.7	93.8	93.9	93.9	94.1	94.1
≥ 700		72.2	77.4	85.3	89.3	89.5	91.3	93.8	93.9	94.3	94.6	94.7	94.8	94.8	94.9	94.9
≥ 600		72.2	77.5	85.6	90.0	90.3	92.2	94.8	95.2	95.8	96.1	96.2	96.3	96.3	96.5	96.5
≥ 500		72.3	77.7	86.0	90.6	90.9	93.0	96.0	96.3	97.1	97.3	97.5	97.6	97.6	97.7	97.7
≥ 400		72.3	77.7	86.0	90.6	90.9	93.0	96.2	96.7	97.7	98.0	98.1	98.2	98.2	98.4	98.4
≥ 300		72.3	77.7	86.0	90.6	90.9	93.0	96.3	96.8	98.0	98.2	98.4	98.5	98.6	99.4	99.4
≥ 200		72.3	77.7	86.0	90.6	90.9	93.0	96.3	96.8	98.0	98.2	98.5	98.6	99.0	99.7	99.7
≥ 100		72.3	77.7	86.0	90.6	90.9	93.0	96.3	96.8	98.1	98.4	98.6	98.9	99.2	100.0	100.0
≥		72.3	77.7	86.0	90.6	90.9	93.0	96.3	96.8	98.1	98.4	98.6	98.9	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 791

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03521 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥⅝ GE1	≥½ GE0	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING		33.0	34.5	36.6	37.5	37.6	38.3	38.6	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.7
≥ 20000		36.8	38.3	41.0	41.8	42.0	42.8	43.1	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2
≥ 18000		36.8	38.3	41.0	41.8	42.0	42.8	43.1	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2
≥ 6000		36.8	38.3	41.0	41.8	42.0	42.8	43.1	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2
≥ 4000		36.8	38.3	41.0	41.8	42.0	42.8	43.1	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2
≥ 2000		37.2	38.7	41.4	42.2	42.4	43.2	43.5	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6
≥ 10000		39.1	40.6	43.5	44.3	44.4	45.2	45.5	45.5	45.5	45.5	45.6	45.6	45.6	45.6	45.6
≥ 9000		39.5	41.0	44.1	45.0	45.1	45.9	46.2	46.2	46.2	46.2	46.3	46.3	46.3	46.3	46.3
≥ 8000		41.3	42.8	46.2	47.1	47.3	48.1	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5
≥ 7000		41.6	43.1	46.5	47.4	47.5	48.4	48.6	48.6	48.6	48.6	48.8	48.8	48.8	48.8	48.8
≥ 6000		41.7	43.2	46.6	47.5	47.7	48.5	48.8	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9
≥ 5000		42.6	44.3	47.7	48.8	48.9	49.7	50.0	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1
≥ 4500		44.3	46.2	49.7	50.8	51.0	51.8	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3
≥ 4000		48.8	51.1	54.6	56.0	56.1	56.9	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5
≥ 3500		51.2	54.2	58.2	59.9	60.1	60.9	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4
≥ 3000		55.4	58.9	64.0	65.9	66.1	66.9	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4
≥ 2500		56.9	60.5	66.2	68.3	68.5	69.3	69.6	70.0	70.0	70.0	70.2	70.2	70.2	70.2	70.2
≥ 2000		60.4	64.4	71.3	73.8	74.1	75.1	75.5	75.7	75.7	75.7	75.9	76.2	76.2	76.2	76.2
≥ 1800		61.7	65.8	72.6	75.2	75.5	76.4	76.8	77.1	77.1	77.1	77.2	77.5	77.5	77.5	77.5
≥ 1600		64.9	69.3	76.7	79.3	79.6	80.8	81.3	81.6	81.6	81.6	81.7	82.0	82.0	82.0	82.0
≥ 1400		66.3	71.1	79.4	82.4	82.8	84.5	85.1	85.4	85.4	85.4	85.6	85.8	85.8	85.8	85.8
≥ 1200		67.7	72.9	81.9	85.1	85.6	87.7	88.4	88.7	88.8	88.8	89.0	89.2	89.2	89.2	89.2
≥ 1000		68.4	73.6	82.7	86.0	86.4	88.6	89.2	89.5	89.6	89.6	89.8	90.1	90.1	90.1	90.1
≥ 900		68.4	73.8	83.1	86.8	87.3	89.8	90.9	91.1	91.4	91.4	91.6	91.8	91.8	91.8	91.8
≥ 800		68.7	74.3	83.9	87.9	88.4	90.9	92.4	92.9	93.2	93.2	93.3	93.6	93.6	93.6	93.6
≥ 700		68.9	74.5	84.3	88.3	88.8	91.6	93.6	94.4	94.7	94.7	94.8	95.1	95.1	95.1	95.1
≥ 600		68.9	74.5	84.5	88.6	89.1	92.1	94.4	95.4	95.8	95.8	95.9	96.2	96.2	96.2	96.2
≥ 500		68.9	74.5	84.5	88.6	89.1	92.4	95.5	96.5	96.9	96.9	97.0	97.3	97.3	97.3	97.3
≥ 400		68.9	74.5	84.5	88.6	89.1	92.4	95.8	96.9	97.3	97.7	97.8	98.4	98.4	98.5	98.5
≥ 300		68.9	74.5	84.5	88.6	89.1	92.4	95.8	97.0	98.0	98.5	98.6	99.2	99.3	99.5	99.7
≥ 200		68.9	74.5	84.5	88.6	89.1	92.4	95.8	97.0	98.1	98.6	98.8	99.3	99.5	99.7	100.0
≥ 100		68.9	74.5	84.5	88.6	89.1	92.4	95.8	97.0	98.1	98.6	98.8	99.3	99.5	99.7	100.0
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 738

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-82 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16.0	≥6 GE9.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	¾ GE1.2	½ GE1.0	⅜ GE0.8	5/16 GE0.5	¼ GE0.4	0 GE0.0
NO CEILING		23.7	24.8	27.0	27.7	27.8	28.4	28.7	28.9	29.0	29.0	29.1	29.1	29.2	29.3	29.5
≥ 20000		29.2	30.6	33.4	34.3	34.5	35.1	35.5	35.7	35.9	36.0	36.0	36.0	36.1	36.3	36.5
≥ 18000		29.3	30.7	33.5	34.4	34.6	35.2	35.6	35.8	36.0	36.1	36.2	36.2	36.3	36.4	36.6
≥ 6000		29.3	30.7	33.5	34.5	34.6	35.3	35.7	35.8	36.1	36.1	36.2	36.2	36.3	36.4	36.7
≥ 4000		29.4	30.8	33.7	34.6	34.8	35.4	35.8	36.0	36.2	36.3	36.3	36.3	36.4	36.6	36.8
≥ 2000		30.3	31.4	34.3	35.2	35.4	36.0	36.4	36.6	36.8	36.9	37.0	37.0	37.1	37.2	37.4
≥ 10000		31.9	33.4	36.3	37.2	37.4	38.0	38.5	38.7	38.9	38.9	39.0	39.0	39.1	39.3	39.5
≥ 9000		32.8	34.3	37.4	38.3	38.5	39.2	39.6	39.8	40.1	40.1	40.2	40.2	40.3	40.4	40.6
≥ 8000		36.3	37.9	41.0	42.1	42.2	42.9	43.4	43.6	43.9	43.9	44.0	44.0	44.1	44.2	44.4
≥ 7000		36.6	39.4	41.6	42.7	42.9	43.6	44.1	44.3	44.6	44.6	44.7	44.8	44.9	45.0	45.2
≥ 6000		36.9	38.6	41.8	42.9	43.1	43.8	44.3	44.5	44.8	44.8	44.9	45.0	45.0	45.2	45.4
≥ 5000		38.2	39.9	43.3	44.4	44.6	45.4	45.9	46.2	46.4	46.5	46.6	46.6	46.7	46.9	47.1
≥ 4500		40.2	42.1	45.7	47.0	47.2	48.0	48.6	48.8	49.1	49.2	49.2	49.3	49.4	49.5	49.8
≥ 4000		44.5	46.4	50.3	51.6	51.9	52.7	53.3	53.6	53.8	53.9	54.0	54.0	54.1	54.3	54.5
≥ 3500		48.3	50.5	54.7	56.2	56.5	57.3	58.0	58.3	58.5	58.6	58.7	58.7	58.8	59.0	59.2
≥ 3000		53.0	55.4	60.0	61.7	62.0	63.0	63.7	63.9	64.2	64.3	64.4	64.4	64.5	64.7	64.9
≥ 2500		55.5	57.9	63.2	65.0	65.3	66.4	67.2	67.5	67.8	67.8	67.9	68.0	68.1	68.3	68.5
≥ 2000		59.6	62.3	68.4	70.5	70.8	72.1	73.0	73.3	73.6	73.7	73.8	73.9	74.0	74.2	74.4
≥ 1800		60.4	63.1	69.3	71.5	71.8	73.1	74.0	74.4	74.7	74.8	74.9	74.9	75.0	75.2	75.4
≥ 1500		63.3	66.3	73.6	75.9	76.3	77.8	78.7	79.1	79.4	79.5	79.6	79.7	79.8	80.0	80.2
≥ 1200		65.5	68.7	76.6	79.3	79.8	81.5	83.0	83.4	83.8	83.9	84.0	84.1	84.2	84.4	84.6
≥ 1000		66.9	70.3	78.8	81.8	82.3	84.4	86.1	86.6	87.1	87.2	87.3	87.4	87.5	87.7	87.9
≥ 900		67.5	70.9	79.6	82.6	83.2	85.4	87.2	87.7	88.3	88.4	88.5	88.6	88.7	88.9	89.1
≥ 800		67.7	71.2	80.0	83.2	83.9	86.2	88.2	88.7	89.4	89.5	89.6	89.8	89.9	90.1	90.3
≥ 700		67.9	71.5	80.6	84.0	84.7	87.2	89.5	90.2	90.9	91.0	91.2	91.3	91.5	91.7	91.9
≥ 600		68.1	71.7	81.0	84.5	85.3	88.0	90.8	91.6	92.6	92.7	92.8	93.0	93.2	93.4	93.6
≥ 500		68.1	71.8	81.2	85.0	85.8	88.8	91.8	92.9	94.0	94.2	94.3	94.6	94.8	95.1	95.3
≥ 400		68.1	71.8	81.4	85.2	86.0	89.2	92.7	93.9	95.2	95.4	95.6	95.9	96.3	96.5	96.8
≥ 300		68.1	71.8	81.4	85.2	86.1	89.3	92.9	94.2	95.8	96.1	96.4	96.8	97.5	98.0	98.5
≥ 200		68.1	71.8	81.4	85.2	86.1	89.3	92.9	94.3	96.0	96.5	96.8	97.3	98.1	98.8	99.6
≥ 100		68.1	71.8	81.4	85.2	86.1	89.3	92.9	94.3	96.1	96.5	96.9	97.4	98.3	99.1	100.0
0		66.1	71.8	81.4	85.2	86.1	89.3	92.9	94.3	96.1	96.5	96.9	97.4	98.3	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 6342

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5621 ALCONBURY RAF UK 74-8? AS?
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0?00-?800 HOUR

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 ≥16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE3	≥2 GE2½	≥1¾ GE2	≥1½ GE1¾	≥1¼ GE1½	≥1 GE1¼	≥¾ GE1	≥5/8 GE¾	≥½ GE⅝	≥¼ GE½	≥0 GE¼
CEILING UNLIMITED		35.6	36.5	40.2	4?.4	40.4	41.?	41.7	41.?	42.5	42.5	42.5	42.7	42.7	42.7	43.5
20000		36.5	40.2	44.2	44.4	44.4	45.0	45.6	46.?	46.9	46.9	46.9	47.3	47.5	47.5	48.3
8000		36.5	40.2	44.4	44.6	44.6	45.2	45.8	46.?	47.1	47.1	47.1	47.5	47.7	47.7	48.5
5000		36.5	40.2	44.4	44.6	44.6	45.2	45.8	46.?	47.1	47.1	47.1	47.5	47.7	47.7	48.5
4500		36.5	40.2	44.4	44.6	44.6	45.2	45.8	46.?	47.1	47.1	47.1	47.5	47.7	47.7	48.5
3500		36.5	40.2	44.4	44.6	44.6	45.2	45.8	46.?	47.1	47.1	47.1	47.5	47.7	47.7	48.5
3000		39.0	40.9	45.2	45.4	45.4	46.?	46.9	47.?	48.1	48.1	48.1	48.5	48.8	48.8	49.6
2500		39.4	41.3	45.6	45.8	45.8	46.7	47.3	47.7	48.5	48.5	48.5	49.?	49.2	49.2	5?.0
2000		4?.6	42.7	47.1	47.5	47.5	48.3	49.0	49.4	50.4	50.4	50.4	5?.8	51.?	51.?	51.9
1800		4?.8	42.9	47.5	47.9	47.9	48.8	49.4	49.8	5?.8	5?.8	5?.8	51.3	51.5	51.5	52.3
1500		41.?	43.3	47.9	48.3	48.3	49.2	49.8	5?.2	51.3	51.3	51.3	51.7	51.9	51.9	52.7
1200		42.7	45.2	5?.?	5?.4	5?.6	51.7	52.3	52.7	53.8	53.8	53.8	54.2	54.4	54.4	55.2
1000		44.6	47.1	52.1	52.5	52.7	53.8	54.4	54.8	55.8	55.8	55.8	56.3	56.5	56.5	57.3
900		46.3	5?.8	56.?	56.5	56.7	58.5	59.2	59.6	6?.6	6?.6	6?.6	61.?	61.3	61.3	62.1
800		51.3	54.?	6?.6	61.?	61.3	63.1	63.8	64.?	65.2	65.2	65.2	65.6	65.8	65.8	66.7
700		55.4	58.3	65.2	65.8	66.?	68.5	69.4	69.8	7?.8	7?.8	7?.6	71.3	71.5	71.5	72.3
600		57.3	6?.2	67.5	68.1	68.3	7?.8	71.7	72.1	73.1	73.1	73.1	73.5	73.8	73.8	74.6
500		6?.5	64.4	72.3	72.9	73.1	75.6	76.5	76.9	77.9	77.9	77.9	78.3	78.5	78.5	79.4
450		62.3	65.2	73.1	73.8	74.0	76.5	77.3	77.7	78.8	78.8	78.8	79.2	79.4	79.4	8?.2
400		65.?	67.9	75.8	76.5	76.7	79.2	8?.0	8?.4	81.5	81.5	81.5	81.9	82.1	82.1	82.9
350		67.9	7?.8	79.?	79.6	79.8	82.3	83.3	83.8	84.8	84.8	84.8	85.2	85.4	85.4	86.3
300		69.?	72.1	8?.6	81.3	81.5	84.?	85.?	85.4	86.5	86.5	86.5	86.9	87.1	87.1	87.9
250		69.4	7?.5	81.?	81.9	84.4	85.4	85.8	86.9	86.9	86.9	86.9	87.3	87.5	87.5	88.3
200		7?.2	73.3	82.1	82.7	82.9	85.6	86.7	87.1	88.3	88.3	88.3	88.8	89.?	89.?	89.8
150		71.3	74.4	83.1	83.8	84.?	86.7	87.7	88.1	89.4	89.4	89.4	89.8	9?.?	9?.?	9?.8
100		7?.7	74.8	84.4	85.2	85.4	88.3	89.4	89.8	91.?	91.?	91.?	91.5	91.7	91.7	92.5
050		7?.3	75.4	85.?	85.8	86.?	89.4	9?.4	9?.8	92.1	92.1	92.1	92.5	92.7	92.7	93.5
040		7?.5	75.6	85.4	86.5	87.3	9?.8	92.5	92.9	94.2	94.2	94.2	94.6	94.8	94.8	95.6
030		7?.5	75.6	85.8	86.9	87.7	91.5	93.8	94.6	95.8	95.8	95.8	96.3	96.5	96.5	97.3
020		7?.5	75.6	85.8	86.9	87.7	91.5	94.?	95.?	97.1	97.1	97.3	97.7	97.9	97.9	99.8
010		7?.5	75.6	85.8	86.9	87.7	91.5	94.?	95.?	97.1	97.1	97.3	97.7	97.9	97.9	100.0
000		7?.5	75.6	85.8	86.9	87.7	91.5	94.?	95.?	97.1	97.1	97.3	97.7	97.9	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 48?

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]21 (STATION) ALCONBURY RAF UK (STATION NAME) 74-87 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2 GE40	≥1 GE32	≥1 GE24	≥1 GE20	≥1 GE16	≥1 GE12	≥1 GE10	≥ GE08	≥3/4 GE05	≥ GE04	≥0 GE0
CEILING		26.2	27.1	30.3	31.0	31.1	31.8	32.9	33.4	33.8	34.1	34.1	34.1	34.4	34.6	35.6
20000		29.4	30.5	34.1	35.0	35.2	36.0	37.0	37.6	38.0	38.3	38.4	38.5	38.8	39.1	40.2
18000		29.4	30.5	34.1	35.0	35.2	36.0	37.0	37.6	38.0	38.3	38.4	38.5	38.8	39.1	40.0
5000		29.4	30.5	34.1	35.0	35.2	36.0	37.0	37.6	38.0	38.3	38.4	38.5	38.8	39.1	40.0
4000		29.4	30.5	34.1	35.0	35.2	36.0	37.0	37.6	38.0	38.3	38.4	38.5	38.8	39.1	40.0
3500		29.4	30.5	34.1	35.0	35.2	36.0	37.0	37.6	38.0	38.3	38.4	38.5	38.8	39.1	40.0
3000		29.9	31.0	34.9	36.1	36.2	37.7	38.6	39.3	39.7	40.0	40.1	40.3	40.5	40.8	42.0
2500		30.5	31.5	35.4	36.6	36.8	38.4	39.5	40.1	40.5	40.8	40.9	41.1	41.3	41.6	42.8
2000		32.3	33.7	37.9	39.1	39.2	40.9	41.9	42.6	43.4	43.8	43.9	44.0	44.3	44.6	45.6
1800		32.8	34.2	38.6	40.0	40.1	41.7	42.8	43.5	44.3	44.7	44.8	45.0	45.2	45.5	46.7
1500		32.9	34.4	38.9	40.1	40.3	42.0	43.1	43.9	44.7	45.1	45.2	45.4	45.6	45.9	47.1
1000		34.6	36.2	41.2	42.4	42.6	45.0	46.6	47.4	48.2	48.6	48.7	48.9	49.1	49.4	50.6
900		37.0	39.1	45.0	46.3	46.4	49.1	50.9	51.7	52.6	53.0	53.2	53.3	53.6	53.8	55.2
800		41.7	42.8	49.5	51.0	51.1	54.0	55.7	56.5	57.4	57.9	58.0	58.1	58.4	58.7	59.9
700		43.5	45.9	53.2	54.6	54.8	57.7	59.7	60.5	61.5	61.9	62.0	62.1	62.4	62.7	64.0
600		46.3	48.7	56.1	58.0	58.1	61.7	63.9	65.1	66.2	66.6	66.7	66.8	67.1	67.4	68.7
500		48.6	51.3	58.9	60.8	60.9	64.8	67.0	68.3	69.4	69.8	69.9	70.1	70.3	70.6	71.9
400		52.6	55.7	64.2	66.0	66.2	70.3	72.5	73.8	74.9	75.3	75.4	75.7	76.0	76.2	77.6
300		53.4	56.8	65.2	67.1	67.2	71.4	73.6	74.9	76.0	76.4	76.5	76.8	77.1	77.3	78.7
200		55.2	58.5	67.0	68.9	69.0	73.2	75.3	76.6	77.7	78.1	78.3	78.5	78.8	79.1	80.4
150		57.6	61.2	70.3	72.3	72.5	76.6	78.8	80.1	81.2	81.6	81.7	82.0	82.3	82.6	83.9
100		58.8	62.4	71.7	73.7	73.8	78.1	80.4	81.7	83.0	83.4	83.5	83.8	84.1	84.3	85.8
050		58.9	62.6	71.9	74.0	74.1	78.3	80.7	82.0	83.5	83.9	84.0	84.3	84.6	84.8	86.3
000		59.9	63.5	73.2	75.2	75.3	79.5	82.0	83.4	84.8	85.2	85.4	85.6	85.9	86.2	87.7
[illegible]		63.4	64.2	74.4	76.4	76.5	80.7	83.4	84.7	86.2	86.6	86.7	87.0	87.3	87.5	89.0
[illegible]		66.8	64.6	75.0	77.4	77.7	81.9	84.6	85.9	87.4	87.8	87.9	88.2	88.5	88.7	90.2
[illegible]		67.5	65.2	75.8	78.4	78.7	82.8	85.5	87.1	88.6	89.0	89.1	89.4	89.7	89.9	91.4
[illegible]		62.6	65.4	76.4	79.3	79.7	83.9	87.7	89.3	91.0	91.4	91.5	91.8	92.1	92.3	93.8
[illegible]		61.6	65.4	76.4	79.3	80.0	84.3	88.5	90.1	92.1	92.5	92.8	93.0	93.3	93.6	95.4
[illegible]		61.6	65.4	76.4	79.3	80.0	84.3	88.7	90.7	93.2	93.8	94.1	94.4	94.9	95.3	98.7
[illegible]		61.6	65.4	76.4	79.3	80.0	84.3	88.7	90.7	93.2	93.8	94.1	94.4	95.3	95.7	99.7
[illegible]		61.6	65.4	76.4	79.3	80.0	84.3	88.7	90.7	93.2	93.8	94.1	94.4	95.3	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS 745

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03621 ALCONBURY RAF UK 74-87 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥¼	≥0
	>16	GE9	GE8	GE6	GE4	GE4	GE3	GE2	GE2	GE1	GE1	GE1	GE8	GE5	GE4	GE0
NO CEILING	21.8	22.5	25.2	26.3	26.6	27.8	29.7	29.4	35.2	35.2	35.2	35.2	35.4	30.5	31.2	
20000	25.9	26.9	30.1	31.2	31.5	33.2	34.5	34.9	35.9	35.9	35.9	36.0	36.1	36.2	37.1	
≥ 18000	25.9	26.9	30.1	31.2	31.5	33.2	34.5	34.9	35.9	35.9	35.9	36.1	36.1	36.2	37.1	
17000	25.9	26.9	30.1	31.2	31.5	33.2	34.5	34.9	35.9	35.9	35.9	36.0	36.1	36.2	37.1	
16000	26.1	27.1	33.2	31.3	31.6	33.3	34.6	35.0	36.0	36.0	36.0	36.1	36.2	36.4	37.2	
15000	26.3	27.3	30.6	31.7	31.9	33.7	35.1	35.4	36.4	36.4	36.4	36.5	36.6	36.7	37.6	
14000	27.3	29.4	32.3	33.5	33.8	35.5	37.0	37.5	38.7	38.8	38.8	38.9	39.2	39.3	40.1	
13000	27.9	29.0	32.9	34.5	34.8	36.5	38.1	38.6	39.8	39.9	39.9	40.0	40.3	40.4	41.2	
12000	31.4	31.5	35.5	37.2	37.5	39.3	40.9	41.5	42.8	43.0	43.1	43.2	43.6	43.7	44.6	
11000	31.8	31.9	36.1	37.8	38.1	39.9	41.5	42.1	43.5	43.6	43.7	43.8	44.2	44.3	45.2	
10000	31.0	32.1	36.2	37.9	38.2	40.0	41.6	42.2	43.6	43.7	43.8	43.9	44.3	44.4	45.3	
9000	33.8	34.9	39.4	41.2	41.6	43.6	45.5	46.1	47.7	47.9	48.1	48.2	48.6	48.7	49.6	
8500	35.5	36.8	41.9	43.9	44.4	46.6	48.8	49.4	51.5	51.7	51.9	52.0	52.4	52.5	53.4	
8000	38.2	40.4	46.1	48.6	49.1	51.5	54.2	54.8	56.9	57.0	57.3	57.4	57.8	57.9	58.8	
7500	40.8	43.2	49.2	51.9	52.4	55.2	58.1	58.8	61.0	61.1	61.3	61.4	61.8	61.9	62.8	
7000	43.3	45.8	52.3	55.1	55.6	58.5	61.6	62.2	64.7	65.0	65.2	65.4	65.7	65.9	66.7	
6500	46.1	48.6	55.4	58.8	59.2	62.4	65.6	66.2	68.8	69.0	69.3	69.8	70.1	70.3	71.1	
6000	50.3	53.2	60.7	64.0	64.5	67.8	71.0	71.8	74.5	74.8	75.0	75.6	76.0	76.1	77.0	
5500	51.2	54.2	61.7	65.2	65.7	69.0	72.2	73.0	75.8	76.0	76.3	76.9	77.2	77.4	78.2	
5000	52.3	56.1	63.8	67.4	68.1	71.4	74.7	75.5	78.3	78.6	78.8	79.4	79.8	79.9	80.8	
4500	55.3	59.1	66.2	69.9	70.5	73.9	77.4	78.2	81.3	81.5	81.8	82.4	82.7	82.9	83.7	
4000	56.3	59.6	67.7	71.4	72.0	75.4	78.8	79.8	83.1	83.4	83.6	84.2	84.7	84.9	85.7	
3500	56.7	60.0	68.2	72.1	72.7	76.3	79.8	80.8	84.1	84.3	84.6	85.2	85.7	85.8	86.7	
3000	57.3	60.6	68.8	72.8	73.4	77.1	80.7	81.6	84.9	85.2	85.4	86.0	86.5	86.7	87.5	
2500	57.4	61.7	69.6	73.2	73.8	77.6	81.5	82.5	85.8	86.0	86.3	86.9	87.4	87.5	88.4	
2000	57.9	61.2	70.3	74.8	75.4	79.6	83.8	85.1	88.4	88.6	88.9	89.5	90.0	90.1	90.9	
1500	58.3	61.6	70.7	75.3	75.9	80.1	84.6	85.9	89.6	89.8	90.1	90.7	91.2	91.3	92.2	
1000	58.3	61.6	71.2	75.8	76.5	80.8	85.4	86.8	90.9	91.2	91.4	92.0	92.5	92.7	93.8	
900	58.3	61.6	71.2	75.8	76.5	80.8	85.4	87.0	91.4	91.7	92.0	92.9	93.5	93.9	95.8	
800	58.3	61.6	71.2	75.8	76.5	80.8	85.4	87.1	92.0	92.7	93.3	94.2	95.0	95.3	99.1	
700	58.3	61.6	71.2	75.8	76.5	80.8	85.4	87.1	92.2	92.8	93.5	94.5	95.3	95.8	100.0	
600	58.3	61.6	71.2	75.8	76.5	80.8	85.4	87.1	92.2	92.8	93.5	94.5	95.3	95.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 817

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-8? (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥⅝ GE1	≥½ GE0	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING		22.3	22.8	24.4	25.3	25.5	26.1	26.1	26.1	26.2	26.4	26.4	26.5	26.5	26.5	26.7
> 20000		26.1	26.8	28.9	29.9	30.1	30.8	31.1	31.2	31.1	31.2	31.2	31.3	31.3	31.3	31.5
≥ 18000		26.1	26.8	28.9	29.9	30.1	30.8	31.0	31.0	31.1	31.2	31.2	31.3	31.3	31.3	31.5
≥ 16000		26.1	26.8	28.9	29.9	30.1	30.8	31.0	31.0	31.1	31.2	31.2	31.3	31.3	31.3	31.5
≥ 14000		26.1	26.8	28.9	29.9	30.1	30.8	31.0	31.1	31.1	31.2	31.2	31.3	31.3	31.3	31.5
≥ 12000		26.4	27.1	29.1	30.1	30.4	31.1	31.2	31.2	31.3	31.4	31.4	31.5	31.5	31.5	31.8
≥ 10000		27.8	28.5	30.7	32.0	32.2	32.9	33.1	33.1	33.3	33.4	33.4	33.5	33.5	33.5	33.7
≥ 9000		28.8	29.5	31.9	33.4	33.6	34.5	34.6	34.6	34.9	35.0	35.0	35.1	35.1	35.1	35.3
≥ 8000		32.2	33.1	35.9	37.4	37.6	38.8	38.9	38.9	39.1	39.2	39.2	39.4	39.4	39.4	39.6
≥ 7000		33.1	34.1	36.9	38.4	38.8	40.2	40.3	40.3	40.5	40.6	40.6	40.7	40.7	40.7	41.0
≥ 6000		33.3	34.2	37.1	38.6	38.9	40.3	40.4	40.4	40.6	40.7	40.7	40.9	40.9	40.9	41.1
≥ 5000		35.2	36.1	39.4	40.9	41.2	42.8	43.2	43.2	43.5	43.6	43.6	43.7	43.7	43.7	44.0
≥ 4500		36.2	37.2	40.6	42.3	42.7	44.3	44.6	44.6	45.0	45.1	45.1	45.2	45.2	45.2	45.5
≥ 4000		41.4	42.5	46.1	47.9	48.2	50.2	50.5	50.5	50.9	51.0	51.0	51.1	51.1	51.1	51.3
≥ 3500		46.4	47.5	51.6	53.4	53.7	55.7	56.0	56.0	56.4	56.5	56.5	56.6	56.6	56.6	56.8
≥ 3000		55.8	57.1	61.4	63.5	63.9	65.8	66.5	66.5	67.0	67.1	67.1	67.3	67.3	67.3	67.5
≥ 2500		61.0	62.4	67.2	69.4	69.9	72.0	72.7	72.8	73.3	73.4	73.4	73.8	73.8	73.8	74.0
≥ 2000		64.7	66.3	71.3	73.8	74.2	76.4	77.3	77.4	77.9	78.0	78.0	78.4	78.4	78.4	78.6
≥ 1800		65.4	67.1	72.2	74.7	75.1	77.3	78.3	78.4	78.8	78.9	78.9	79.3	79.3	79.3	79.5
≥ 1600		68.0	69.7	75.3	78.0	78.5	80.7	81.6	81.7	82.2	82.3	82.3	82.6	82.6	82.6	82.9
≥ 1400		70.7	72.5	78.6	81.6	82.0	84.6	85.8	86.0	86.4	86.5	86.5	86.9	86.9	86.9	87.1
≥ 1200		72.3	74.2	80.9	84.1	84.6	87.2	88.7	88.8	89.3	89.4	89.4	89.6	89.8	89.8	90.0
≥ 1000		72.6	74.6	81.4	84.7	85.2	87.8	89.3	89.4	89.9	90.0	90.0	90.3	90.3	90.3	90.6
≥ 900		73.3	75.3	82.9	86.3	86.8	89.5	91.1	91.3	91.7	91.8	91.8	92.2	92.2	92.2	92.4
≥ 800		73.5	75.6	83.3	86.9	87.5	90.4	92.4	92.5	93.0	93.1	93.1	93.4	93.4	93.4	93.7
≥ 700		73.8	75.9	83.9	87.6	88.1	91.4	93.6	93.7	94.5	94.6	94.6	94.9	94.9	94.9	95.2
≥ 600		73.8	75.9	83.9	87.6	88.3	91.6	93.8	94.2	95.4	95.5	95.5	96.0	96.1	96.1	96.3
≥ 500		73.8	75.9	83.9	87.6	88.3	91.6	93.9	94.6	96.3	96.4	96.4	97.0	97.1	97.1	97.4
≥ 400		73.8	75.9	83.9	87.6	88.3	91.6	94.0	94.9	97.1	97.2	97.5	98.2	98.5	98.8	99.3
≥ 300		73.8	75.9	83.9	87.6	88.3	91.6	94.0	94.9	97.1	97.2	97.7	98.4	99.1	99.5	100.0
≥ 200		73.8	75.9	83.9	87.6	88.3	91.6	94.0	94.9	97.1	97.2	97.7	98.4	99.1	99.5	100.0
< 200		73.8	75.9	83.9	87.6	88.3	91.6	94.0	94.9	97.1	97.2	97.7	98.4	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 869

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10 / ≥16	≥6 / GE9	≥5 / GE8	≥4 / GE6	≥3 / GE4	≥2½ / GE4	≥2 / GE3	≥1¾ / GE2	≥1½ / GE2	≥1 / GE1	⅞ / GE1	¾ / GE1	⅝ / GE0	½ / GE0	⅜ / GE0	≥0 / GE0
NO CEILING		22.5	23.0	24.2	24.6	24.6	24.7	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
≥ 20000		28.5	29.0	31.0	31.3	31.3	31.5	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 18000		28.5	29.0	31.0	31.5	31.5	31.6	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 6000		28.5	29.0	31.0	31.5	31.5	31.6	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 14000		28.5	29.0	31.0	31.5	31.5	31.7	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 2000		29.0	29.4	31.5	31.9	31.9	32.1	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 12000		30.1	30.6	32.6	33.1	33.1	33.4	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 9000		31.7	32.2	34.3	34.8	34.8	35.1	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 8000		35.5	36.1	38.2	38.9	38.9	39.1	39.3	39.3	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 7000		36.3	37.2	39.3	40.0	40.0	40.2	40.5	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 6000		36.4	37.3	39.5	40.1	40.1	40.4	40.6	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 5000		39.3	39.9	42.3	43.1	43.1	43.4	43.6	43.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 4500		41.9	42.8	45.3	46.1	46.1	46.4	46.7	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 4000		46.1	47.2	51.7	52.8	52.8	53.1	53.3	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 3500		57.5	58.7	61.6	62.7	62.7	63.5	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 1000		68.4	69.8	72.9	74.2	74.3	75.1	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2500		74.1	75.4	79.1	80.5	80.6	81.4	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2000		78.4	79.9	83.7	85.0	85.1	85.9	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1800		79.3	80.8	84.8	86.1	86.2	87.0	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1500		81.7	83.7	88.3	89.7	89.9	90.8	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1200		83.7	85.6	90.5	92.1	92.2	93.6	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000		84.6	86.5	91.9	93.5	93.6	95.0	95.4	95.5	95.8	95.9	95.9	96.1	96.1	96.1	96.1
≥ 900		85.1	87.0	92.7	94.5	94.6	96.2	96.5	96.6	97.0	97.1	97.1	97.2	97.2	97.2	97.2
≥ 800		85.1	87.0	92.8	94.7	94.8	96.5	96.8	97.0	97.3	97.4	97.4	97.5	97.5	97.5	97.5
≥ 700		85.1	87.0	92.9	95.0	95.2	97.0	97.3	97.4	97.7	97.9	97.9	98.0	98.0	98.0	98.0
≥ 600		85.2	87.1	93.1	95.4	95.5	97.6	98.0	98.2	98.6	98.8	98.8	98.9	98.9	98.9	98.9
≥ 500		85.3	87.3	93.2	95.5	95.6	97.9	98.3	98.5	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 400		85.3	87.3	93.2	95.5	95.6	97.9	98.3	98.5	99.1	99.2	99.2	99.3	99.3	99.3	99.3
≥ 300		85.3	87.3	93.2	95.5	95.6	98.0	98.4	98.9	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 200		85.3	87.3	93.2	95.5	95.6	98.0	98.4	98.9	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 100		85.3	87.3	93.2	95.5	95.6	98.0	98.4	98.9	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 0		85.3	87.3	93.2	95.5	95.6	98.0	98.4	98.9	99.7	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 887

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15621 ALCONBURY RAF UK 74-87 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR HUNDREDS OF METERS															
	≥10 >16	≥6 GL9C	≥5 GE8C	≥4 GE6C	≥3 GE4C	≥2½ GE4C	≥2 GE32	≥1½ GE24	≥1¼ GE2C	≥1 GE16	≥¾ GE12	≥⅝ GE1C	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GEC
NO CEILING		26.3	26.4	26.8	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
≥ 20000		33.1	33.2	34.1	34.6	34.6	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 18000		33.1	33.2	34.2	34.7	34.7	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 16000		33.1	33.2	34.2	34.7	34.7	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 14000		33.2	33.3	34.3	34.8	34.8	34.9	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 12000		34.1	34.2	35.3	35.8	35.8	35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 10000		35.2	35.3	36.6	37.0	37.0	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 9000		36.7	36.8	38.1	38.6	38.6	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 8000		42.2	42.3	41.6	42.1	42.1	42.2	42.2	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 7000		42.3	42.4	43.7	44.2	44.2	44.3	44.3	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 6000		42.3	42.4	43.7	44.2	44.2	44.3	44.3	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 5000		45.4	45.6	47.2	47.7	47.7	47.8	47.8	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 4500		49.4	49.9	51.8	52.4	52.5	52.6	52.6	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 4000		58.9	59.6	61.8	62.4	62.5	62.6	62.6	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 3500		69.4	70.2	73.0	73.9	74.0	74.1	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 3000		77.7	78.7	81.6	82.5	82.6	82.9	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500		81.9	83.1	86.4	87.6	87.7	88.0	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000		84.5	85.7	89.0	90.3	90.4	90.7	90.7	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800		85.6	86.8	90.0	91.4	91.6	91.9	91.9	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1600		86.2	87.6	91.3	92.7	92.8	93.2	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1400		87.1	88.6	92.6	94.3	94.4	94.8	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200		87.6	89.3	93.6	95.3	95.4	96.1	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000		87.6	89.3	93.6	95.4	95.5	96.2	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900		87.6	89.3	93.7	95.5	95.7	96.4	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800		87.6	89.4	93.9	96.0	96.1	96.8	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700		87.6	89.4	94.3	96.4	96.6	97.7	98.5	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600		87.6	89.4	94.3	96.4	96.6	97.8	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500		87.6	89.4	94.3	96.4	96.6	97.8	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		87.6	89.4	94.3	96.4	96.6	97.8	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		87.6	89.4	94.3	96.4	96.6	97.8	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		87.6	89.4	94.3	96.4	96.6	97.8	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		87.6	89.4	94.3	96.4	96.6	97.8	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		87.6	89.4	94.3	96.4	96.6	97.8	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 853

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 ALCONBURY RAF UK 74-83 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOUR LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16.1)	≥6 GE9.7	≥5 GE8.0	≥4 GE6.4	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1 GE2.0	≥¾ GE1.6	≥½ GE1.2	≥¼ GE1.0	≥⅛ GE0.8	≥5/16 GE0.5	≥0 GE0.4	≥0 GE0
NO CEILING	32.3	32.9	34.7	34.8	35.3	35.6	35.9	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 20000	41.1	41.6	43.7	44.1	44.7	45.1	45.3	45.8	46.1	46.0	46.0	46.0	46.1	46.0	46.0	46.0
≥ 18000	41.5	42.1	44.1	44.5	45.1	45.5	45.8	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 16000	41.5	42.1	44.1	44.5	45.1	45.5	45.8	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 14000	41.5	42.1	44.1	44.5	45.1	45.5	45.8	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 12000	41.6	42.3	44.7	45.1	45.6	46.1	46.3	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 11000	43.0	43.7	46.0	46.4	47.0	47.4	47.7	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 10000	43.8	44.7	47.0	47.4	47.9	48.4	48.6	49.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 9000	47.4	48.4	50.8	51.4	51.9	52.5	52.7	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 8000	46.9	51.0	52.7	53.3	53.8	54.4	54.7	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 7000	49.0	50.1	52.9	53.4	54.0	54.5	54.8	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 6000	51.8	53.2	56.2	56.7	57.3	57.8	58.1	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 5000	54.1	55.8	58.9	59.5	60.0	60.5	60.8	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 4500	64.7	62.9	66.3	67.0	67.5	68.4	66.6	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 4000	64.8	67.1	70.5	71.4	71.9	73.1	73.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3500	69.9	72.3	76.4	77.3	77.8	78.9	79.2	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3000	74.4	77.1	81.6	82.6	83.2	84.4	84.7	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500	77.3	80.0	84.7	85.6	86.3	87.5	87.8	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2000	77.4	80.1	84.8	85.8	86.4	87.7	87.9	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800	78.8	81.6	86.7	87.8	88.5	89.9	90.3	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1600	80.1	83.3	88.9	90.4	91.1	92.7	93.2	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1400	80.8	84.0	90.0	91.5	92.2	94.0	94.4	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	81.0	84.1	90.1	91.6	92.3	94.1	94.5	95.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	81.2	84.4	90.4	92.1	92.7	94.7	95.2	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	81.2	84.4	90.4	92.2	92.9	94.8	95.6	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	81.4	84.5	90.8	92.6	93.3	95.2	96.3	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	81.4	84.5	90.8	92.9	93.7	95.6	97.0	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	81.4	84.5	90.8	93.0	93.8	95.9	97.4	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	81.4	84.5	90.8	93.0	93.8	95.9	97.4	98.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	81.4	84.5	90.8	93.0	93.8	95.9	97.4	98.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	81.4	84.5	90.8	93.0	93.8	95.9	97.4	98.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	81.4	84.5	90.8	93.2	94.0	96.1	97.5	98.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 736

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75521 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21.0-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9.5	≥5 GE8	≥4 GE6.0	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥¼ GE0.8	≥3/16 GE0.5	≥0 GE0.4	≥0 GE0
NO CEILING	36.4	38.8	40.6	41.4	41.4	41.9	42.1	42.9	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.6
≥ 20000	43.6	44.2	46.0	47.0	47.0	48.2	48.3	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8
≥ 18000	43.6	44.2	46.0	47.0	47.0	48.2	48.3	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8
≥ 16000	43.6	44.2	46.0	47.0	47.0	48.2	48.3	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8
≥ 14000	43.6	44.2	46.0	47.0	47.0	48.2	48.3	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8
≥ 12000	43.7	44.6	46.7	47.7	47.7	48.8	49.0	49.8	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.5
≥ 10000	45.0	45.9	48.0	49.0	49.0	50.2	50.3	51.2	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8
≥ 9000	45.0	45.9	48.0	49.0	49.0	50.2	50.3	51.2	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8
≥ 8000	46.7	47.5	49.8	50.8	50.8	52.0	52.1	53.0	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6
≥ 7000	47.2	48.2	50.5	51.5	51.5	52.6	52.8	53.6	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.3
≥ 6000	47.4	48.3	51.0	52.0	52.0	53.1	53.3	54.1	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.8
≥ 5000	48.8	49.8	52.6	53.8	54.0	55.3	55.4	56.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9
≥ 4500	51.7	53.1	55.9	57.3	57.4	58.7	58.9	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.4
≥ 4000	56.9	58.4	61.2	62.5	62.7	64.0	64.2	65.0	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.7
≥ 3500	62.5	63.7	66.8	68.3	68.6	70.0	70.1	71.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6
≥ 3000	66.5	68.8	72.1	73.6	73.9	75.2	75.4	76.3	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.2
≥ 2500	69.8	72.1	76.1	77.6	77.9	79.2	79.4	80.2	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.2
≥ 2000	71.5	73.8	78.2	80.0	80.4	81.7	81.8	82.7	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.7
≥ 1800	71.8	74.1	78.5	80.5	80.9	82.2	82.3	83.2	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.2
≥ 1500	73.8	76.2	80.7	82.7	83.0	84.3	84.5	85.3	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.3
≥ 1200	75.6	78.4	83.5	85.6	86.0	87.3	87.5	88.3	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.3
≥ 1000	76.9	79.9	86.3	88.4	88.8	90.3	90.4	91.3	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.2
≥ 900	76.9	79.9	86.5	88.6	88.9	90.4	90.9	91.7	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.7
≥ 800	77.6	80.5	87.5	89.8	90.1	91.6	92.1	92.9	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.9
≥ 700	78.2	81.4	88.3	90.8	91.1	92.6	93.6	94.4	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.4
≥ 600	78.7	81.8	89.1	91.7	92.1	93.6	94.7	95.6	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.5
≥ 500	79.0	82.3	89.6	92.6	93.1	94.6	95.7	96.5	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.5
≥ 400	79.0	82.3	89.8	92.7	93.7	95.2	96.7	97.5	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.7
≥ 300	79.0	82.3	89.8	92.7	93.7	95.4	96.9	97.7	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.3
≥ 200	79.0	82.3	89.8	92.7	93.7	95.4	97.0	97.9	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.8
≥ 100	79.0	82.3	89.8	92.7	93.7	95.4	97.0	97.9	99.5	99.7	99.8	99.8	99.8	99.8	99.8	100.0
0	79.0	82.3	89.8	92.7	93.7	95.4	97.0	97.9	99.5	99.7	99.8	99.8	99.8	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 606

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-87 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (GE9)	≥5 (GE8)	≥4 (GE6)	≥3 (GE4)	≥2½ (GE4)	≥2 (GE3)	≥1½ (GE2)	≥1¼ (GE2)	≥1 (GE1)	¾ (GE1)	½ (GE)	≥⅜ (GE)	≥5/16 (GE5)	≥¼ (GE4)	≥0 (GE0)
NO CEILING		27.2	27.8	29.7	30.3	30.4	31.0	31.4	31.6	31.9	32.0	32.0	32.0	32.1	32.1	32.4
≥ 20000		32.4	33.2	35.5	36.2	36.4	37.1	37.5	37.8	38.2	38.2	38.3	38.3	38.4	38.5	38.8
≥ 18000		32.5	33.2	35.6	36.3	36.5	37.2	37.6	37.9	38.3	38.3	38.4	38.4	38.5	38.6	38.9
≥ 6000		32.5	33.2	35.6	36.3	36.5	37.2	37.6	37.9	38.3	38.3	38.4	38.4	38.5	38.6	38.9
≥ 4000		32.5	33.2	35.6	36.4	36.5	37.2	37.7	38.0	38.3	38.4	38.4	38.5	38.6	38.6	39.0
≥ 3000		32.8	33.6	36.1	36.8	36.9	37.6	38.1	38.4	38.8	38.8	38.8	38.9	39.0	39.0	39.4
≥ 2500		33.9	34.7	37.3	38.2	38.3	39.1	39.6	39.9	40.3	40.4	40.4	40.5	40.6	40.6	41.0
≥ 2000		34.8	35.6	38.3	39.2	39.3	40.2	40.7	41.0	41.4	41.5	41.5	41.6	41.7	41.7	42.1
≥ 1800		37.6	38.5	41.4	42.3	42.5	43.4	43.9	44.3	44.8	44.9	44.9	45.0	45.1	45.2	45.5
≥ 1700		38.5	39.5	42.5	43.5	43.7	44.6	45.1	45.5	46.0	46.1	46.1	46.2	46.3	46.4	46.8
≥ 1600		38.6	39.7	42.7	43.7	43.8	44.8	45.3	45.7	46.2	46.3	46.3	46.4	46.5	46.6	47.0
≥ 1500		41.-	42.1	45.4	46.4	46.6	47.8	48.4	48.8	49.4	49.5	49.5	49.6	49.7	49.8	50.2
≥ 1400		43.4	44.7	48.3	49.5	49.7	5 .9	51.6	52.-	52.7	52.8	52.8	52.9	53.0	53.0	53.4
≥ 1300		46.8	50.4	54.4	55.7	55.9	57.3	58.1	58.5	59.1	59.2	59.3	59.4	59.-	59.5	59.9
≥ 1200		54.4	56.2	60.6	62.0	62.2	63.8	64.6	65.0	65.7	65.8	65.8	65.9	66.0	66.1	66.5
≥ 1100		60.7	62.6	67.3	68.8	69.1	70.9	71.8	72.3	73.1	73.2	73.2	73.3	73.4	73.5	73.9
≥ 1000		64.6	66.6	71.8	73.4	73.7	75.6	76.6	77.1	77.9	78.0	78.0	78.2	78.3	78.4	78.8
≥ 900		66.-	70.3	75.7	77.5	77.8	79.8	80.7	81.2	82.1	82.2	82.2	82.4	82.5	82.6	83.0
≥ 800		66.7	71.-	76.5	78.4	78.7	8 .7	81.6	82.1	83.0	83.1	83.1	83.3	83.4	83.5	83.9
≥ 700		70.6	73.0	78.9	80.8	81.1	83.1	84.2	84.7	85.6	85.7	85.7	85.9	86.-	86.1	86.5
≥ 600		73.6	75.1	81.4	83.5	83.9	86.0	87.2	87.8	88.6	88.7	88.8	89.0	89.1	89.2	89.6
≥ 500		73.7	76.3	83.4	85.2	85.5	87.8	89.0	89.6	90.6	90.7	90.8	91.0	91.1	91.1	91.6
≥ 400		3.9	76.6	83.4	85.6	86.-	88.2	89.6	90.1	91.1	91.3	91.3	91.5	91.7	91.7	92.1
≥ 300		74.4	77.-	84.1	86.4	86.7	89.1	90.5	91.1	92.1	92.2	92.3	92.5	92.6	92.7	93.1
≥ 200		74.6	77.4	84.5	87.0	87.4	89.8	91.4	92.-	93.0	93.1	93.2	93.4	93.5	93.6	94.0
≥ 100		74.9	77.7	85.2	87.8	88.2	90.8	92.6	93.2	94.3	94.5	94.5	94.7	94.9	94.9	95.3
≥ 50		75.1	77.9	85.5	88.2	88.6	91.3	93.2	93.9	95.2	95.3	95.4	95.6	95.8	95.8	96.2
≥ 0		75.2	77.9	85.7	88.5	89.-	91.8	93.9	94.7	96.3	96.4	96.5	96.7	96.8	96.9	97.3
		75.2	77.9	85.7	88.5	89.1	91.9	94.2	95.1	96.9	97.-	97.2	97.5	97.7	97.8	98.4
		75.2	77.9	85.7	88.5	89.1	91.9	94.2	95.3	97.3	97.5	97.7	98.-	98.3	98.5	99.7
		75.2	77.9	85.7	88.5	89.1	91.9	94.2	95.3	97.3	97.5	97.8	98.1	98.4	98.6	99.9
		75.2	77.9	85.7	88.5	89.1	91.9	94.3	95.3	97.3	97.5	97.8	98.1	98.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 5987

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15521 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2 7/8 GE40	≥2 GE32	≥1 1/2 GE24	≥1 1/4 GE20	≥1 GE16	≥ 7/8 GE14	≥ 3/4 GE12	≥ 5/8 GE10	≥ 1/2 GE08	≥ 5/16 GE05	≥ . GE04	≥0 GE00
NO CEILING		43.0	46.4	47.0	47.0	47.6	48.4	48.6	48.8	48.8	49.2	49.8	50.0	50.0	50.4	
≥ 29000		44.4	46.8	51.6	52.2	52.2	53.0	54.2	54.8	55.0	55.0	55.4	56.0	56.2	56.2	56.8
≥ 18000		44.4	46.8	51.6	52.2	52.2	53.0	54.2	54.8	55.0	55.0	55.4	56.0	56.2	56.2	56.8
≥ 9000		44.4	46.8	51.6	52.2	52.2	53.0	54.2	54.8	55.0	55.0	55.4	56.0	56.2	56.2	56.8
≥ 5000		44.4	46.8	51.6	52.2	52.2	53.0	54.2	54.8	55.0	55.0	55.4	56.0	56.2	56.2	56.8
≥ 2000		44.8	47.2	52.0	52.6	52.6	53.4	54.6	55.2	55.4	55.4	55.8	56.4	56.6	56.6	57.2
≥ 1000		45.2	47.8	53.0	53.6	53.6	54.4	55.6	56.2	56.4	56.4	56.8	57.4	57.6	57.6	58.2
≥ 900		45.6	48.2	53.4	54.0	54.0	54.8	56.0	56.6	56.8	56.8	57.2	57.8	58.0	58.0	58.6
≥ 800		46.6	49.2	54.8	55.4	55.4	56.2	57.4	58.0	58.2	58.2	58.6	59.2	59.4	59.4	60.0
≥ 700		47.2	49.8	55.6	56.2	56.2	57.0	58.2	58.8	59.0	59.0	59.4	60.0	60.2	60.2	60.8
≥ 600		47.2	49.8	55.6	56.2	56.2	57.0	58.2	58.8	59.0	59.0	59.4	60.0	60.2	60.2	60.8
≥ 500		49.6	52.2	58.2	58.8	58.8	59.6	60.8	61.4	61.6	61.6	62.0	62.6	62.8	62.8	63.4
≥ 400		53.0	55.6	61.8	62.4	62.4	63.2	64.4	65.0	65.2	65.2	65.6	66.2	66.4	66.4	67.0
≥ 300		57.2	60.8	67.4	68.2	68.2	69.0	70.4	71.0	71.2	71.2	71.6	72.2	72.4	72.4	73.0
≥ 200		59.4	63.0	70.0	70.8	70.8	71.6	73.2	73.8	74.0	74.0	74.4	75.0	75.2	75.2	75.8
≥ 100		62.2	65.8	73.0	73.8	73.8	74.6	76.2	76.8	77.0	77.0	77.4	78.0	78.2	78.2	78.8
≥ 2500		65.6	69.8	77.0	78.0	78.0	79.0	80.6	81.2	81.4	81.4	81.8	82.4	82.6	82.6	83.2
≥ 2000		67.8	72.0	79.6	80.6	80.6	81.6	83.4	84.0	84.2	84.2	84.6	85.2	85.4	85.4	86.0
≥ 1800		69.2	73.4	81.0	82.0	82.0	83.0	84.8	85.4	85.6	85.6	86.0	86.6	86.8	86.8	87.4
≥ 1500		69.8	74.0	83.0	84.4	84.4	85.4	87.4	88.0	88.2	88.2	88.6	89.2	89.4	89.4	90.0
≥ 1200		71.2	75.8	84.8	86.2	86.2	87.2	89.2	89.8	90.0	90.0	90.4	91.0	91.2	91.2	91.8
≥ 1000		73.0	77.6	87.2	88.6	88.6	89.6	91.6	92.2	92.4	92.4	92.8	93.4	93.6	93.6	94.2
≥ 900		73.2	77.8	87.4	88.8	88.8	89.8	92.0	92.6	92.8	92.8	93.2	93.8	94.0	94.0	94.6
≥ 800		74.0	78.6	88.8	90.4	90.4	91.4	93.6	94.2	94.4	94.4	94.8	95.4	95.6	95.6	96.2
≥ 700		74.6	79.2	89.4	91.0	91.0	92.0	94.2	94.8	95.0	95.0	95.4	96.0	96.2	96.2	96.8
≥ 600		74.6	79.2	90.0	91.6	91.6	92.6	94.8	95.4	95.6	95.6	96.0	96.6	96.8	96.8	97.4
≥ 500		74.8	79.4	90.2	92.0	92.0	93.0	95.2	95.8	96.0	96.0	96.4	97.0	97.2	97.2	97.8
≥ 400		75.0	79.6	90.4	92.2	92.2	93.2	95.4	96.2	97.2	97.2	97.6	98.2	98.4	98.4	99.0
≥ 300		75.0	79.6	90.4	92.2	92.2	93.2	95.4	96.2	97.2	97.2	97.6	98.2	98.6	98.8	99.4
≥ 200		75.0	79.6	90.4	92.2	92.2	93.2	95.4	96.2	97.4	97.4	98.2	98.8	99.2	99.4	100.0
≥ 100		75.0	79.6	90.4	92.2	92.2	93.2	95.4	96.2	97.4	97.4	98.2	98.8	99.2	99.4	100.0
≥ 0		75.0	79.6	90.4	92.2	92.2	93.2	95.4	96.2	97.4	97.4	98.2	98.8	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 500

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03721 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10 (>16.1)	≥6 (GE9.7)	≥5 (GE8.0)	≥4 (GE6.4)	≥3 (GE4.8)	≥2½ (GE4.0)	≥2 (GE3.2)	≥1½ (GE2.4)	≥1¼ (GE2.0)	≥1 (GE1.6)	≥¾ (GE1.2)	≥½ (GE1.0)	≥5/16 (GE0.8)	≥¼ (GE0.5)	≥0 (GE0.4)	≥0 (GE0)
NO CEILING	27.3	29.5	35.5	36.7	37.0	38.2	38.8	39.4	40.0	40.0	40.2	40.4	40.4	40.6	41.3	
≥ 20000	31.3	33.4	40.4	41.6	41.9	43.6	44.6	45.6	46.4	46.4	46.8	47.0	47.0	47.4	48.3	
≥ 18000	31.3	33.4	40.4	41.6	41.9	43.6	44.6	45.6	46.4	46.4	46.8	47.0	47.0	47.4	48.3	
≥ 6000	31.3	33.4	40.4	41.6	41.9	43.6	44.6	45.6	46.4	46.4	46.8	47.0	47.0	47.4	48.3	
≥ 14000	31.3	33.4	40.4	41.6	41.9	43.6	44.6	45.6	46.4	46.4	46.8	47.0	47.0	47.4	48.3	
≥ 12000	31.6	33.8	40.8	42.0	42.3	44.0	45.0	46.0	46.8	46.8	47.2	47.4	47.4	47.8	48.7	
≥ 10000	32.6	35.3	42.5	43.7	44.0	46.0	47.0	48.0	48.9	48.9	49.3	49.5	49.5	49.9	50.9	
≥ 9000	33.8	36.5	43.9	45.3	45.6	47.6	48.6	49.5	50.5	50.5	50.9	51.1	51.1	51.5	52.4	
≥ 8000	35.5	38.2	46.0	47.4	47.7	49.7	50.7	51.7	52.6	52.6	53.0	53.2	53.2	53.8	54.7	
≥ 7000	35.9	38.6	46.4	47.8	48.1	50.1	51.1	52.0	53.0	53.0	53.4	53.6	53.6	54.2	55.1	
≥ 6000	35.9	38.6	46.4	47.8	48.1	50.1	51.3	52.2	53.1	53.1	53.5	53.8	53.8	54.3	55.2	
≥ 5000	37.0	39.8	48.0	49.7	49.9	52.2	53.4	54.4	55.5	55.5	55.9	56.1	56.1	56.7	57.6	
≥ 4500	39.8	42.7	51.1	53.0	53.2	55.9	57.1	58.1	59.2	59.2	59.6	59.8	59.8	60.4	61.3	
≥ 4000	43.7	46.9	55.9	57.9	58.3	60.9	62.1	63.1	64.2	64.2	64.6	64.9	64.9	65.4	66.3	
≥ 3500	45.6	49.1	59.0	61.3	61.7	64.3	65.5	66.7	67.9	67.9	68.3	68.6	68.6	69.1	70.0	
≥ 3000	48.3	52.3	62.6	65.0	65.4	68.2	69.4	70.5	71.9	71.9	72.3	72.5	72.5	73.1	74.0	
≥ 2500	51.7	55.7	66.1	68.7	69.1	71.9	73.1	74.2	75.6	75.6	76.0	76.2	76.2	76.8	77.7	
≥ 2000	54.4	58.8	69.4	72.3	72.7	75.7	77.0	78.2	79.5	79.5	79.9	80.2	80.3	80.9	81.8	
≥ 1800	54.8	59.2	69.7	72.7	73.1	76.1	77.4	78.6	79.9	79.9	80.3	80.6	80.7	81.2	82.2	
≥ 1500	56.1	60.9	72.0	75.3	75.7	78.7	80.1	81.2	82.6	82.6	83.0	83.2	83.4	83.9	84.8	
≥ 1200	57.2	62.2	73.7	77.0	77.4	80.7	82.3	83.5	84.8	84.8	85.2	85.5	85.6	86.1	87.1	
≥ 1000	58.5	63.5	75.3	78.6	79.0	82.3	84.1	85.5	86.8	86.8	87.2	87.5	87.6	88.1	89.2	
≥ 900	56.9	61.9	75.8	79.1	79.5	82.8	84.7	86.1	87.5	87.5	87.8	88.1	88.2	88.8	89.7	
≥ 800	59.1	64.1	76.5	79.8	80.2	83.6	85.5	86.9	88.2	88.2	88.8	89.0	89.2	89.7	90.6	
≥ 700	59.6	64.7	77.4	80.7	81.1	84.5	86.4	87.8	89.3	89.3	89.8	90.1	90.2	90.8	91.7	
≥ 600	59.7	64.9	78.6	82.0	82.4	86.0	88.2	90.1	91.5	91.5	92.1	92.3	92.5	93.0	93.9	
≥ 500	60.0	65.1	79.0	82.6	83.1	86.8	89.0	90.9	92.3	92.3	93.0	93.3	93.4	94.1	95.0	
≥ 400	60.4	65.7	79.7	83.2	83.8	87.5	89.8	91.8	93.7	93.7	94.3	94.6	94.7	95.4	96.3	
≥ 300	60.4	65.7	79.7	83.2	83.8	87.6	90.0	91.9	93.8	93.8	94.5	94.7	94.8	95.9	97.0	
≥ 200	60.4	65.7	79.8	83.4	83.9	87.7	90.1	92.1	93.9	93.9	94.6	95.1	95.4	96.6	98.3	
≥ 100	60.4	65.7	79.8	83.4	83.9	87.7	90.1	92.1	93.9	93.9	94.6	95.2	95.6	97.1	99.9	
0	60.4	65.7	79.8	83.4	83.9	87.8	90.2	92.2	94.1	94.1	94.7	95.4	95.8	97.2	100.0	

TOTAL NUMBER OF OBSERVATIONS 757

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L))

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥⅜ GE0	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING		24.6	26.1	30.5	32.1	32.1	32.8	33.4	33.7	33.7	33.8	33.9	33.9	33.9	34.0	34.8
≥ 20000		29.8	31.3	36.5	38.3	38.3	39.1	39.9	40.1	40.2	40.3	40.5	40.5	40.5	40.6	41.3
≥ 18000		29.8	31.3	36.5	38.3	38.3	39.1	39.9	40.1	40.2	40.3	40.5	40.5	40.5	40.6	41.3
≥ 16000		29.8	31.3	36.5	38.3	38.3	39.1	39.9	40.1	40.2	40.3	40.5	40.5	40.5	40.6	41.3
≥ 14000		29.9	31.5	36.6	38.4	38.4	39.2	40.0	40.2	40.3	40.5	40.6	40.6	40.6	40.7	41.4
≥ 12000		30.7	32.3	37.4	39.2	39.2	40.2	40.9	41.2	41.3	41.4	41.6	41.6	41.6	41.7	42.4
≥ 10000		32.8	34.4	39.7	41.6	41.6	42.5	43.3	43.5	43.6	43.7	43.9	43.9	43.9	44.0	44.7
≥ 9000		33.2	34.9	40.6	42.4	42.4	43.4	44.1	44.3	44.5	44.6	44.7	44.7	44.7	44.8	45.6
≥ 8000		36.9	38.6	45.0	46.9	46.9	48.0	48.7	49.0	49.1	49.3	49.5	49.5	49.7	49.8	50.5
≥ 7000		36.4	40.1	46.5	49.5	48.5	49.6	50.3	50.5	50.7	50.9	51.0	51.0	51.3	51.4	52.1
≥ 6000		36.4	40.1	46.5	48.5	48.5	49.6	50.3	50.5	50.7	50.9	51.0	51.0	51.3	51.4	52.1
≥ 5000		40.3	42.0	49.0	51.0	51.0	52.5	53.3	53.6	53.7	53.9	54.1	54.1	54.3	54.4	55.2
≥ 4500		42.2	43.9	51.2	53.5	53.5	54.9	55.8	56.0	56.1	56.4	56.5	56.5	56.7	56.9	57.6
≥ 4000		44.1	46.2	53.9	56.5	56.6	58.4	59.3	59.8	60.0	60.3	60.4	60.4	60.6	60.8	61.5
≥ 3500		46.3	48.4	56.6	59.3	59.4	61.4	62.2	62.7	62.9	63.2	63.3	63.3	63.5	63.7	64.4
≥ 3000		50.2	52.2	61.0	63.8	64.0	66.1	67.1	67.6	67.9	68.3	68.4	68.5	68.8	68.9	69.6
≥ 2500		53.0	55.0	63.8	66.8	67.1	69.1	70.1	70.7	71.1	71.4	71.6	71.7	71.9	72.1	72.8
≥ 2000		55.8	58.3	67.6	70.6	70.8	72.9	73.9	74.5	74.8	75.2	75.3	75.5	75.7	75.9	76.8
≥ 1800		56.6	58.8	68.8	71.8	72.1	74.1	75.1	75.7	76.1	76.4	76.5	76.7	76.9	77.2	78.0
≥ 1500		59.1	61.4	72.2	75.2	75.5	77.8	78.9	79.5	79.8	80.2	80.3	80.4	80.7	81.0	81.9
≥ 1200		61.7	64.3	75.3	78.4	78.7	81.0	82.1	82.7	83.1	83.5	83.6	83.7	84.0	84.3	85.2
≥ 1000		63.2	65.5	77.0	80.1	80.4	82.9	84.0	84.6	84.9	85.3	85.4	85.5	85.8	86.1	87.0
≥ 900		63.7	66.0	77.9	81.0	81.4	84.0	85.1	85.9	86.1	86.5	86.6	86.8	87.0	87.4	88.2
≥ 800		63.9	66.2	78.6	81.9	82.3	84.9	86.1	86.9	87.4	87.7	87.8	88.0	88.2	88.6	89.4
≥ 700		63.9	66.3	79.0	82.5	82.9	85.7	87.0	87.8	88.3	88.7	88.8	88.9	89.2	89.6	90.4
≥ 600		64.3	66.7	79.6	83.2	83.7	87.2	88.8	89.7	90.5	90.9	91.0	91.1	91.4	91.7	92.6
≥ 500		64.4	67.0	80.0	84.0	84.6	88.2	89.8	90.8	91.9	92.3	92.5	92.7	93.0	93.3	94.2
≥ 400		64.9	67.6	80.7	84.9	85.5	89.2	90.8	91.9	93.3	93.8	93.9	94.2	94.4	94.8	95.9
≥ 300		64.9	67.6	80.7	84.9	85.5	89.2	90.9	92.1	93.6	94.0	94.2	94.7	95.3	95.6	97.1
≥ 200		64.9	67.6	80.7	84.9	85.5	89.2	91.0	92.2	93.8	94.3	94.5	95.3	96.1	96.8	98.8
≥ 100		64.9	67.6	80.7	84.9	85.5	89.2	91.0	92.2	93.8	94.3	94.7	95.5	96.5	97.4	100.0
≥		64.9	67.6	80.7	84.9	85.5	89.2	91.0	92.2	93.8	94.3	94.7	95.5	96.5	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 623

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25621 STATION | ALCONBURY RAF UK STATION NAME | 74-83 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥⅞ GE1	≥¾ GE1	≥½ GE0	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING	27.7	29.1	29.4	30.0	30.2	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
20000	34.7	35.4	37.2	37.8	38.0	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
18000	34.8	35.5	37.3	37.9	38.1	38.3	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
5000	34.8	35.5	37.3	37.9	38.1	38.3	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
14000	34.8	35.5	37.3	37.9	38.1	38.3	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
4000	35.6	36.3	38.2	38.9	39.1	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
12000	37.5	38.3	40.5	41.2	41.4	41.6	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
3000	39.4	40.2	42.4	43.1	43.4	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
10000	42.2	43.1	46.0	46.7	46.9	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
3000	44.1	45.0	47.8	48.5	48.7	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
9000	45.0	45.9	48.7	49.4	49.7	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
2900	47.4	47.9	51.4	52.2	52.4	52.9	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
8000	48.2	49.1	52.5	53.3	53.5	54.0	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
2400	53.8	54.7	58.4	59.4	59.6	60.2	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
7000	61.0	61.9	64.6	65.7	66.0	66.7	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
1900	66.5	67.5	71.5	72.7	73.0	73.7	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
6000	69.6	70.7	74.9	76.1	76.4	77.1	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
1800	73.4	74.8	79.2	80.3	80.7	81.4	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
5000	74.4	75.6	80.0	81.1	81.5	82.2	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
1700	76.1	77.7	84.8	86.3	86.6	87.4	87.9	87.9	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1
4000	80.3	81.9	87.6	89.2	89.7	90.6	91.2	91.2	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4
1600	81.1	82.8	89.5	91.3	91.9	93.0	93.6	93.6	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1
3500	81.1	83.0	89.8	91.8	92.3	93.8	94.4	94.4	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2
1500	81.7	83.6	91.1	93.2	93.8	95.3	95.9	95.9	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
3000	81.7	83.6	91.2	93.4	93.9	95.8	96.3	96.3	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3
1400	81.7	83.6	91.3	93.6	94.2	96.2	96.8	96.8	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
2500	81.7	83.8	91.4	93.7	94.3	96.5	97.5	97.5	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
1300	81.7	83.8	91.4	93.7	94.3	96.5	97.7	97.8	98.7	98.9	98.9	98.9	99.1	99.2	99.2	99.2
2000	81.7	83.8	91.4	93.7	94.3	96.5	97.8	97.9	99.1	99.2	99.3	99.4	99.7	99.8	99.8	99.8
1200	81.7	83.8	91.4	93.7	94.3	96.5	97.8	97.9	99.1	99.2	99.3	99.5	99.8	100.0	100.0	100.0
1100	81.7	83.8	91.4	93.7	94.3	96.5	97.8	97.9	99.1	99.2	99.3	99.5	99.8	100.0	100.0	100.0
0	81.7	83.8	91.4	93.7	94.3	96.5	97.8	97.9	99.1	99.2	99.3	99.5	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 874

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75521 ALCONBURY RAF UK 74-83 MAY
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¾ GE2	≥1½ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥¼ GE0	≥5/16 GE0	≥0 GE0	≥0 GE0
NO CEILING		28.3	28.7	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
≥ 20000		35.1	35.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 18000		35.3	36.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 14000		35.3	36.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 12000		35.4	36.2	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
≥ 10000		35.6	36.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 9000		38.5	39.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 8000		40.0	40.8	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 7000		43.1	44.1	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
≥ 6000		44.6	45.6	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 5000		44.7	45.8	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 4500		47.9	49.1	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 4000		49.5	50.6	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 3500		58.7	59.8	61.4	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 3000		66.8	69.9	71.7	72.1	72.1	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 2500		78.4	79.7	82.4	82.8	82.8	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2000		81.9	83.2	85.9	86.3	86.3	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1800		84.7	86.2	89.1	89.6	89.6	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1600		85.5	87.2	90.2	90.7	90.7	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1400		87.9	89.9	93.6	94.0	94.0	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200		89.2	91.5	95.6	96.1	96.1	96.4	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000		89.2	91.7	96.2	97.0	97.1	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900		89.2	91.7	96.2	97.0	97.1	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800		89.2	91.7	96.7	97.4	97.6	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700		89.2	91.7	96.7	97.4	97.7	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600		89.2	91.7	96.7	97.4	97.7	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		89.2	91.7	96.7	97.6	97.8	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400		89.2	91.7	96.7	97.6	97.8	98.6	99.2	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		89.2	91.7	96.7	97.6	97.8	98.6	99.2	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		89.2	91.7	96.7	97.6	97.8	98.6	99.2	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		89.2	91.7	96.7	97.6	97.8	98.6	99.2	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0		89.2	91.7	96.7	97.6	97.8	98.6	99.2	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 991

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03721 ALCONBURY RAF UK 74-87 MAY
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 ≥16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¾ GE2	≥1½ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥¼ GE0	≥5/16 GE0	≥0 GE0	
UNLTD CEILING		30.6	31.7	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	
≥ 20000		40.2	41.1	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	
≥ 18000		40.2	41.1	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	
≥ 14000		40.3	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	
≥ 12000		44.1	45.1	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	
≥ 10000		45.1	46.2	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	
≥ 9000		51.2	52.5	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	
≥ 8000		51.2	51.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	
≥ 7000		51.2	52.5	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	
≥ 6000		52.3	53.2	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	
≥ 5000		54.9	56.1	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	
≥ 4500		56.6	60.0	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	
≥ 4000		67.6	68.9	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	
≥ 3500		75.3	76.7	78.3	78.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	
≥ 3000		84.4	86.1	87.9	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	
≥ 2500		87.3	88.9	91.2	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	
≥ 2000		88.5	90.4	93.0	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
≥ 1800		89.1	91.0	93.6	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	
≥ 1500		91.6	92.5	95.2	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
≥ 1200		91.4	93.3	96.2	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
≥ 1000		91.5	93.4	96.3	97.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
≥ 900		91.5	93.4	96.3	97.2	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
≥ 800		91.5	93.4	96.3	97.3	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
≥ 700		91.5	93.4	96.3	97.3	97.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
≥ 600		91.5	93.4	96.4	97.5	97.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
≥ 500		91.5	93.4	96.4	97.5	97.7	98.8	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	
≥ 400		91.5	93.4	96.4	97.5	97.7	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	
≥ 300		91.5	93.4	96.4	97.5	97.7	98.8	99.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	
≥ 200		91.5	93.4	96.4	97.5	97.7	98.8	99.2	99.3	99.9	99.9	99.9	100.0	100.0	100.0	
≥ 100		91.5	93.4	96.4	97.5	97.7	98.8	99.2	99.3	99.9	99.9	99.9	100.0	100.0	100.0	
0		91.5	93.4	96.4	97.5	97.7	98.8	99.2	99.3	99.9	99.9	99.9	100.0	100.0	100.0	

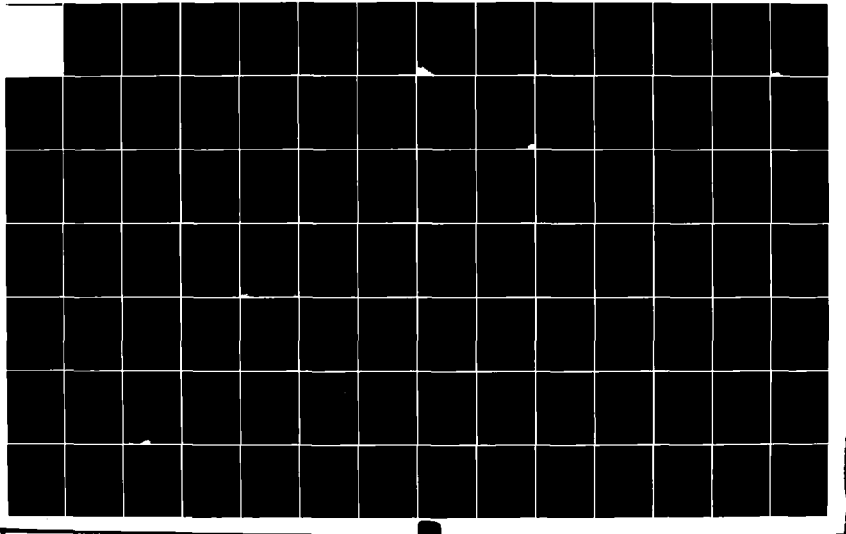
TOTAL NUMBER OF OBSERVATIONS 44

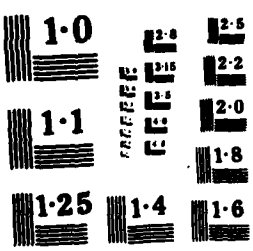
USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD A146 913 ALCONBURY RAF UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHER O..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. APR 84

UNCLASSIFIED USAFETAC/DS-84/014 SBI-AD-E850 743 F/G 4/2 NL

3/5




1·0
1·1
1·25
1·4
1·6
2·0
2·2
2·5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15621 ALCONBURY RAF UK 74-87 MAY
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOUR LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE40	≥2 GE32	≥1¾ GE28	≥1½ GE24	≥1¼ GE20	≥1 GE16	¾ GE12	½ GE10	⅜ GE08	≥5/16 GE05	¼ GE04	≥0 GE00
NO CEILING		40.7	41.4	42.9	43.7	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 20000		48.2	49.0	50.5	50.9	51.4	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 18000		48.2	49.0	50.5	50.9	51.4	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 16000		48.2	49.0	50.5	50.9	51.4	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 14000		48.3	49.1	50.6	51.0	51.6	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 12000		48.6	49.4	50.9	51.3	51.8	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 10000		51.6	52.5	54.1	54.6	55.1	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 9000		53.3	54.3	56.1	56.5	57.0	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 8000		58.6	59.9	62.0	62.4	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 7000		59.7	61.0	63.1	63.5	64.1	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 6000		61.0	61.2	63.4	63.8	64.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 5000		63.4	64.8	66.9	67.3	67.9	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 4500		66.7	68.2	70.3	70.7	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4000		72.9	74.4	77.1	77.6	78.1	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 3500		78.6	80.1	83.1	83.5	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000		82.0	84.8	87.9	88.4	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2500		84.6	86.4	89.7	90.2	90.7	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000		86.4	88.2	91.8	92.4	93.1	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800		87.2	89.0	92.7	93.2	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500		87.9	89.8	93.6	94.3	95.1	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200		88.7	90.6	94.7	95.8	96.6	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000		89.0	91.0	95.2	96.3	97.1	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900		89.0	91.0	95.2	96.5	97.3	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800		89.1	91.2	95.4	96.9	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700		89.1	91.2	95.4	96.9	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600		89.1	91.2	95.4	97.0	98.0	98.5	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		89.1	91.2	95.4	97.0	98.0	98.8	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		89.1	91.2	95.4	97.0	98.0	98.8	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300		89.1	91.2	95.4	97.0	98.0	98.8	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200		89.1	91.2	95.4	97.0	98.0	98.8	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		89.1	91.2	95.4	97.0	98.0	98.8	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		89.1	91.2	95.4	97.0	98.0	98.8	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 735

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2117-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥⅝ GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE0
NO CEILING		41.9	42.9	44.6	45.0	45.1	45.9	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 20000		47.1	49.7	52.1	52.4	52.6	53.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 18000		47.1	49.7	52.1	52.4	52.6	53.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 16000		47.1	49.7	52.1	52.4	52.6	53.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 14000		47.1	49.7	52.1	52.4	52.6	53.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 12000		47.1	49.7	52.1	52.4	52.6	53.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 10000		49.8	52.6	55.0	55.4	55.5	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 9000		50.6	53.4	55.8	56.2	56.3	57.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 8000		53.6	56.3	59.3	59.6	59.7	60.9	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 7000		54.4	57.1	60.1	60.4	60.6	61.7	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 6000		54.7	57.5	60.4	60.7	60.9	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 5000		56.9	61.7	64.6	64.9	65.1	66.2	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 4500		62.2	64.9	67.9	68.2	68.3	69.5	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 4000		69.5	72.6	76.1	76.5	76.6	77.8	78.4	78.4	78.4	78.4	78.4	78.6	78.6	78.6	78.6
≥ 3500		73.4	76.9	80.8	81.2	81.3	82.5	83.1	83.1	83.1	83.1	83.1	83.3	83.3	83.3	83.3
≥ 3000		76.5	80.0	84.1	84.7	84.9	86.0	86.7	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9
≥ 2500		77.9	81.7	86.0	86.7	86.9	88.1	88.6	88.6	88.6	88.6	88.6	88.8	88.8	88.8	88.8
≥ 2000		79.4	83.1	88.0	88.8	89.0	90.1	90.7	90.7	90.7	90.7	91.7	90.9	90.9	90.9	90.9
≥ 1800		80.2	83.9	88.8	89.6	89.8	90.9	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 1500		81.2	84.9	90.1	91.1	91.2	92.4	93.0	93.0	93.0	93.0	93.0	93.2	93.2	93.2	93.2
≥ 1200		81.7	85.4	90.7	92.0	92.4	93.5	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
≥ 1000		82.8	86.7	92.2	93.5	93.8	95.0	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8
≥ 900		82.8	86.7	92.2	93.5	93.8	95.1	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8
≥ 800		83.4	87.3	92.9	94.5	94.8	96.1	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.1
≥ 700		84.1	88.0	93.5	95.1	95.5	96.8	97.7	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1
≥ 600		84.1	88.0	93.8	95.5	95.8	97.1	98.1	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4
≥ 500		84.1	88.0	93.8	95.5	95.8	97.1	98.1	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4
≥ 400		84.1	88.0	93.8	95.5	95.8	97.1	98.1	98.5	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 300		84.1	88.0	93.8	95.5	95.8	97.1	98.1	98.5	98.9	98.9	98.9	99.4	99.4	99.4	99.4
≥ 200		84.1	88.0	93.8	95.5	95.8	97.2	98.2	98.7	99.4	99.4	99.4	99.8	99.8	99.8	99.8
≥ 100		84.1	88.0	93.8	95.6	95.9	97.4	98.4	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 0		84.1	88.0	93.8	95.6	95.9	97.4	98.4	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 616

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¾ GE2	≥1½ GE2	≥1¼ GE1	≥1 GE1	≥¾ GE1	≥5/8 GE0	≥1/2 GE0	≥1/4 GE0	≥0 GE0
NO CEILING		31.6	33.1	35.3	35.9	36.0	36.4	36.7	36.9	36.9	36.9	37.0	37.1	37.1	37.1	37.4
≥ 20000		38.1	39.5	42.4	43.0	43.2	43.8	44.2	44.4	44.5	44.6	44.7	44.7	44.8	44.8	45.1
≥ 18000		38.2	39.6	42.5	43.1	43.2	43.8	44.3	44.5	44.6	44.6	44.7	44.8	44.8	44.8	45.1
≥ 16000		38.2	39.6	42.5	43.1	43.3	43.8	44.3	44.5	44.6	44.6	44.7	44.8	44.8	44.9	45.1
≥ 14000		38.2	39.6	42.5	43.2	43.3	43.9	44.3	44.5	44.7	44.7	44.8	44.9	44.9	44.9	45.2
≥ 12000		38.8	40.2	43.1	43.7	43.9	44.5	44.9	45.1	45.2	45.2	45.3	45.4	45.4	45.5	45.8
≥ 10000		41.9	42.5	45.5	46.2	46.3	46.9	47.4	47.6	47.7	47.8	47.8	47.9	47.9	48.0	48.3
≥ 9000		42.1	43.7	46.9	47.6	47.7	48.3	48.8	49.0	49.1	49.1	49.2	49.3	49.3	49.4	49.7
≥ 8000		45.4	47.1	50.7	51.4	51.5	52.2	52.6	52.8	53.0	53.0	53.1	53.2	53.2	53.3	53.6
≥ 7000		46.6	48.2	51.9	52.6	52.7	53.4	53.8	54.0	54.2	54.2	54.3	54.4	54.5	54.5	54.8
≥ 6000		46.9	48.6	52.2	52.9	53.1	53.7	54.2	54.4	54.5	54.6	54.7	54.8	54.8	54.9	55.1
≥ 5000		49.5	51.2	55.1	55.9	56.1	56.8	57.3	57.5	57.7	57.8	57.9	57.9	58.0	58.1	58.3
≥ 4500		52.1	53.8	57.9	58.7	58.8	59.7	60.1	60.4	60.5	60.6	60.7	60.8	60.8	60.9	61.1
≥ 4000		58.1	60.1	64.4	65.4	65.6	66.5	67.0	67.2	67.4	67.5	67.6	67.7	67.7	67.8	68.1
≥ 3500		63.4	65.4	70.2	71.2	71.4	72.4	72.9	73.2	73.4	73.5	73.6	73.7	73.7	73.8	74.1
≥ 3000		69.0	71.2	76.3	77.4	77.6	78.7	79.2	79.5	79.8	79.8	79.9	80.0	80.1	80.2	80.4
≥ 2500		71.7	74.1	79.3	80.5	80.8	81.9	82.4	82.7	82.9	83.0	83.1	83.2	83.2	83.3	83.6
≥ 2000		74.2	76.7	82.3	83.5	83.8	84.8	85.5	85.7	86.0	86.0	86.1	86.3	86.3	86.4	86.7
≥ 1800		75.0	77.5	83.2	84.4	84.6	85.7	86.3	86.6	86.9	86.9	87.0	87.1	87.2	87.3	87.6
≥ 1500		76.8	79.5	85.7	87.2	87.4	88.6	89.2	89.5	89.8	89.8	89.9	90.0	90.1	90.2	90.5
≥ 1200		78.2	81.0	87.6	89.1	89.4	90.7	91.4	91.7	91.9	92.0	92.1	92.2	92.3	92.4	92.7
≥ 1000		79.0	81.8	88.8	90.5	90.8	92.1	92.9	93.2	93.5	93.5	93.6	93.7	93.8	93.9	94.2
≥ 900		79.1	82.0	89.0	90.8	91.1	92.5	93.3	93.7	94.0	94.0	94.1	94.2	94.3	94.4	94.7
≥ 800		79.4	82.3	89.7	91.6	91.9	93.4	94.2	94.6	94.9	95.0	95.1	95.2	95.3	95.4	95.7
≥ 700		79.6	82.5	89.9	91.9	92.3	93.9	94.7	95.1	95.5	95.6	95.7	95.8	95.9	96.0	96.3
≥ 600		79.7	82.6	90.3	92.3	92.7	94.5	95.5	95.9	96.4	96.5	96.6	96.7	96.8	96.9	97.2
≥ 500		79.7	82.7	90.4	92.5	93.0	94.8	95.9	96.4	96.9	97.0	97.1	97.3	97.3	97.5	97.8
≥ 400		79.9	82.8	90.6	92.8	93.2	95.1	96.2	96.8	97.6	97.7	97.8	98.0	98.1	98.2	98.5
≥ 300		79.9	82.8	90.6	92.8	93.2	95.1	96.3	96.9	97.8	97.9	98.1	98.3	98.4	98.6	99.0
≥ 200		79.9	82.8	90.6	92.8	93.2	95.1	96.3	96.9	97.9	98.1	98.3	98.6	98.8	99.1	99.6
≥ 100		79.9	82.8	90.6	92.8	93.2	95.1	96.3	97.0	98.0	98.1	98.3	98.6	98.9	99.2	100.0
≥ 0		79.9	82.8	90.6	92.8	93.2	95.2	96.4	97.0	98.0	98.1	98.3	98.6	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 6069

USAF ETAC FORM 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03562 | ALCONBURY RAF UK (STATION NAME) | 73-82 (YEARS) | JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 GE9½	≥5 GE8	≥4 GE6½	≥3 GE4¾	≥2½ GE4	≥2 GE3¼	≥1¾ GE2¼	≥1½ GE2	≥1 GE1⅝	≥⅞ GE1⅜	≥¾ GE1⅛	≥⅝ GE1	≥½ GE⅞	≥5/16 GE¾	≥0 GE0
NO CEILING	44.2	45.1	49.7	51.6	50.6	52.0	52.9	52.9	53.1	53.1	53.1	53.3	53.3	53.3	53.3	
≥ 20000	47.2	48.1	54.4	55.2	55.2	56.7	57.5	57.5	57.7	57.7	57.7	57.9	57.9	57.9	57.9	
≥ 18000	47.2	48.1	54.4	55.2	55.2	56.7	57.5	57.5	57.7	57.7	57.7	57.9	57.9	57.9	57.9	
≥ 6000	47.2	48.1	54.4	55.2	55.2	56.7	57.5	57.5	57.7	57.7	57.7	57.9	57.9	57.9	57.9	
≥ 14000	47.2	48.1	54.4	55.2	55.2	56.7	57.5	57.5	57.7	57.7	57.7	57.9	57.9	57.9	57.9	
≥ 12000	47.4	48.3	54.5	55.4	55.4	56.8	57.7	57.7	57.9	57.9	57.9	58.1	58.1	58.1	58.1	
≥ 10000	48.7	49.6	56.3	57.2	57.2	58.8	59.7	59.7	59.9	59.9	59.9	60.0	60.0	60.0	60.0	
≥ 9000	49.2	50.1	57.4	58.3	58.3	59.9	60.7	60.7	60.9	60.9	60.9	61.1	61.1	61.1	61.1	
≥ 8000	51.7	52.6	60.2	61.1	61.1	62.7	63.6	63.6	63.8	63.8	63.8	63.9	63.9	63.9	63.9	
≥ 7000	52.4	53.3	61.3	62.2	62.2	63.8	64.7	64.7	64.8	64.8	64.8	65.0	65.0	65.0	65.0	
≥ 6000	52.6	53.5	61.5	62.3	62.3	64.1	65.0	65.0	65.2	65.2	65.2	65.4	65.4	65.4	65.4	
≥ 5000	54.9	55.8	63.9	64.8	64.8	66.8	67.7	67.7	67.9	67.9	67.9	68.0	68.0	68.0	68.0	
≥ 4500	58.1	59.0	67.1	68.0	68.0	70.2	71.2	71.2	71.4	71.4	71.4	71.6	71.6	71.6	71.6	
≥ 4000	61.1	62.3	70.9	71.9	71.9	74.6	75.8	75.8	76.0	76.0	76.0	76.2	76.2	76.2	76.2	
≥ 3500	63.4	64.7	73.2	74.2	74.2	77.1	78.3	78.3	78.5	78.5	78.5	78.7	78.7	78.7	78.7	
≥ 3000	64.3	65.7	74.4	75.5	75.5	78.3	79.8	79.8	79.9	79.9	79.9	80.1	80.1	80.1	80.1	
≥ 2500	65.5	67.0	75.7	76.7	76.7	79.6	81.0	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.3	
≥ 2000	67.1	68.6	77.4	78.5	78.5	81.3	82.8	82.8	82.9	82.9	82.9	83.3	83.3	83.3	83.3	
≥ 1800	67.3	68.7	77.6	78.7	78.7	81.5	82.9	82.9	83.1	83.1	83.1	83.5	83.5	83.5	83.5	
≥ 1500	69.8	71.2	80.3	81.3	81.3	84.4	85.8	85.8	86.0	86.0	86.0	86.3	86.3	86.3	86.3	
≥ 1200	71.6	73.0	82.1	83.1	83.3	86.3	87.7	87.7	87.9	87.9	87.9	88.3	88.3	88.3	88.3	
≥ 1000	71.6	73.0	82.4	83.7	83.8	86.9	88.3	88.3	88.5	88.5	88.5	88.8	88.8	88.8	88.8	
≥ 900	72.8	74.2	83.7	84.9	85.1	88.3	89.7	89.7	89.9	89.9	89.9	90.2	90.2	90.2	90.2	
≥ 800	73.2	74.6	84.0	85.3	85.4	88.6	90.1	90.1	90.2	90.2	90.2	90.6	90.6	90.6	90.6	
≥ 700	74.1	75.5	85.1	86.5	86.7	90.8	92.2	92.7	92.9	93.1	93.1	93.4	93.4	93.4	93.4	
≥ 600	74.1	75.5	85.1	86.7	86.9	91.1	92.7	93.8	94.0	94.1	94.1	94.5	94.5	94.5	94.5	
≥ 500	74.1	75.5	85.1	86.7	86.9	91.7	93.6	95.2	95.4	95.6	95.6	95.9	95.9	95.9	95.9	
≥ 400	74.1	75.5	85.4	87.0	87.2	92.4	94.7	96.3	96.4	96.6	96.6	97.2	97.2	97.2	97.2	
≥ 300	74.1	75.7	85.6	87.2	87.4	92.7	95.6	97.2	97.3	97.7	97.7	98.2	98.2	98.2	98.2	
≥ 200	74.1	75.7	85.6	87.4	87.6	92.9	95.7	97.5	98.0	98.4	98.4	99.1	99.3	99.3	99.3	
≥ 100	74.1	75.7	85.6	87.4	87.6	92.9	95.9	97.7	98.2	98.6	98.6	99.3	99.6	99.6	100.0	
≥ 0	74.1	75.7	85.6	87.4	87.6	92.9	95.9	97.7	98.2	98.6	98.6	99.3	99.6	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 563

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03521 (STATION) ALCONBURY RAF UK (STATION NAME) 73-87 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE96	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥⅝ GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE00
NO CEILING		23.3	25.3	30.7	32.2	32.6	35.5	36.8	37.7	39.0	39.4	39.5	39.5	39.5	39.5	39.6
≥ 20000		27.1	29.7	35.8	37.6	38.0	41.3	43.1	44.2	46.0	46.4	46.7	46.7	46.8	46.8	46.9
≥ 18000		27.1	29.7	35.8	37.7	38.1	41.4	43.2	44.4	46.2	46.5	46.8	46.8	46.9	46.9	47.1
≥ 16000		27.1	29.7	35.8	37.7	38.1	41.4	43.2	44.4	46.2	46.5	46.8	46.8	46.9	46.9	47.1
≥ 14000		27.1	29.7	35.8	37.7	38.1	41.6	43.4	44.5	46.3	46.7	46.9	46.9	47.1	47.1	47.2
≥ 12000		27.2	29.8	35.9	37.9	38.2	41.7	43.5	44.6	46.4	46.8	47.1	47.1	47.2	47.2	47.3
≥ 10000		28.9	31.8	38.6	40.7	41.0	44.8	46.6	48.0	50.0	50.4	50.6	50.6	50.8	50.8	50.9
≥ 9000		30.3	33.2	40.3	42.3	42.8	46.7	48.7	49.9	51.9	52.3	52.6	52.6	52.7	52.7	52.8
≥ 8000		33.1	36.2	43.9	45.9	46.4	50.3	52.4	53.6	55.9	56.3	56.5	56.5	56.6	56.6	56.8
≥ 7000		34.1	37.3	45.0	47.1	47.6	51.5	53.7	54.9	57.2	57.5	57.8	57.8	57.9	57.9	58.1
≥ 6000		34.1	37.3	45.1	47.2	47.7	51.7	53.8	55.0	57.3	57.7	57.9	57.9	58.1	58.1	58.2
≥ 5000		36.0	41.2	49.1	51.2	51.9	56.4	58.7	59.8	62.5	62.9	63.2	63.2	63.3	63.3	63.4
≥ 4500		41.2	44.4	52.3	54.3	55.1	59.7	62.1	63.3	66.0	66.4	66.6	66.6	66.8	66.8	66.9
≥ 4000		44.9	48.2	56.9	59.1	59.8	64.7	67.1	68.3	71.0	71.4	71.6	71.7	72.0	72.0	72.1
≥ 3500		47.8	51.2	60.0	62.1	62.9	67.9	70.5	71.6	74.3	74.7	74.9	75.1	75.3	75.3	75.4
≥ 3000		49.0	52.3	61.3	63.6	64.5	69.6	72.3	73.4	76.2	76.7	77.0	77.1	77.4	77.4	77.5
≥ 2500		49.2	52.6	61.6	63.9	64.8	69.9	72.6	73.8	76.6	77.1	77.4	77.5	77.7	77.7	77.9
≥ 2000		51.0	54.5	63.9	66.2	67.3	72.4	75.3	76.6	79.7	80.2	80.4	80.6	80.8	80.8	80.9
≥ 1800		51.5	55.0	64.6	66.9	67.9	73.0	76.0	77.2	80.3	80.8	81.1	81.2	81.5	81.5	81.6
≥ 1500		53.5	57.0	66.6	69.1	70.1	75.2	78.1	79.4	82.5	83.0	83.2	83.4	83.6	83.6	83.8
≥ 1200		55.1	58.8	68.8	71.2	72.3	77.6	80.9	82.4	85.5	86.1	86.3	86.4	86.7	86.7	86.8
≥ 1000		56.5	60.4	70.7	73.1	74.2	79.5	83.2	84.8	88.1	88.6	88.9	89.0	89.3	89.3	89.4
≥ 900		56.8	60.7	71.1	73.5	74.6	79.9	83.8	85.3	88.6	89.1	89.4	89.5	89.8	89.8	89.9
≥ 800		57.4	61.5	72.0	74.4	75.4	81.1	85.0	86.7	90.0	90.5	90.8	90.9	91.2	91.2	91.3
≥ 700		57.9	62.0	72.5	75.1	76.2	82.1	86.2	88.1	91.7	92.2	92.5	92.6	92.8	92.8	93.0
≥ 600		58.2	62.3	72.9	75.6	76.9	83.2	87.3	89.5	93.1	93.6	93.9	94.0	94.2	94.2	94.4
≥ 500		58.3	62.4	73.3	76.0	77.2	83.8	88.0	90.2	93.7	94.2	94.5	94.6	95.0	95.1	95.3
≥ 400		58.3	62.4	73.3	76.0	77.2	84.0	88.5	90.7	94.2	94.8	95.0	95.3	95.9	96.0	96.3
≥ 300		58.3	62.4	73.3	76.1	77.4	84.4	89.0	91.2	95.0	95.5	95.8	96.2	97.1	97.3	97.6
≥ 200		58.3	62.4	73.3	76.1	77.4	84.4	89.0	91.3	95.3	95.8	96.0	96.4	97.6	98.1	98.7
≥ 100		58.3	62.4	73.3	76.1	77.4	84.7	89.3	91.7	95.7	96.2	96.4	96.8	98.2	99.0	100.0
≥ 0		58.3	62.4	73.3	76.1	77.4	84.7	89.3	91.7	95.7	96.2	96.4	96.8	98.2	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 782

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥½	≥⅜	≥0
	>16	GE9	GE8	GE6	GE4.8	GE4.0	GE3.2	GE2.4	GE2.0	GE1.6	GE1.2	GE1.0	GE0.8	GE0.5	GE0.4	GE0
NO CEILING		27.8	29.3	32.8	34.4	34.8	36.7	37.2	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 20000		32.4	34.5	38.7	40.5	40.8	43.4	43.9	45.0	45.2	45.2	45.2	45.2	45.5	45.5	45.5
≥ 18000		32.4	34.5	38.7	40.5	40.8	43.4	43.9	45.0	45.2	45.2	45.2	45.2	45.5	45.5	45.5
≥ 16000		32.4	34.5	38.7	40.5	40.8	43.4	43.9	45.0	45.2	45.2	45.2	45.2	45.5	45.5	45.5
≥ 14000		32.4	34.5	38.7	40.6	41.0	43.5	44.0	45.1	45.3	45.3	45.3	45.3	45.6	45.6	45.6
≥ 12000		32.6	34.8	38.9	41.0	41.3	44.1	44.6	45.7	45.9	45.9	45.9	45.9	46.2	46.2	46.2
≥ 10000		35.2	37.5	41.8	44.1	44.5	47.3	47.9	49.1	49.3	49.3	49.3	49.3	49.6	49.6	49.6
≥ 9000		36.0	38.4	42.8	45.1	45.5	48.2	48.8	50.1	50.3	50.3	50.3	50.3	50.5	50.5	50.5
≥ 8000		39.3	41.9	47.0	49.6	49.9	52.8	53.8	55.0	55.4	55.4	55.4	55.4	55.6	55.6	55.6
≥ 7000		39.8	42.4	47.6	50.2	50.5	53.5	54.4	55.6	56.0	56.0	56.0	56.0	56.2	56.2	56.2
≥ 6000		39.9	42.5	47.8	50.3	50.7	53.6	54.5	55.8	56.1	56.1	56.1	56.1	56.4	56.4	56.4
≥ 5000		42.5	45.2	50.5	53.3	53.7	56.7	57.9	59.3	59.6	59.6	59.6	59.6	59.9	59.9	59.9
≥ 4500		45.2	47.9	53.3	56.1	56.5	59.5	60.7	62.1	62.4	62.4	62.4	62.4	62.7	62.7	62.7
≥ 4000		49.3	52.2	58.1	61.0	61.3	64.5	65.7	67.0	67.5	67.6	67.6	67.6	67.9	67.9	67.9
≥ 3500		51.4	54.3	60.1	63.0	63.4	66.5	67.8	69.1	69.6	69.7	69.7	69.7	69.9	69.9	69.9
≥ 3000		53.9	56.8	63.0	66.1	66.4	69.7	70.9	72.6	73.2	73.3	73.3	73.3	73.6	73.6	73.6
≥ 2500		55.0	57.9	64.1	67.3	67.6	70.9	72.1	73.8	74.4	74.5	74.5	74.5	74.8	74.8	74.8
≥ 2000		57.6	60.5	66.8	70.2	70.5	73.8	75.0	76.8	77.8	77.9	77.9	77.9	78.2	78.2	78.2
≥ 1800		58.2	61.1	67.4	70.8	71.2	74.4	75.6	77.5	78.4	78.5	78.5	78.5	78.8	78.8	78.8
≥ 1500		60.1	63.0	69.6	73.1	73.5	76.7	78.2	80.0	81.0	81.1	81.1	81.1	81.3	81.3	81.3
≥ 1200		63.4	66.3	73.1	76.8	77.2	80.5	82.1	84.0	85.0	85.1	85.1	85.1	85.3	85.3	85.3
≥ 1000		64.8	67.9	75.2	78.9	79.3	82.9	84.8	86.8	87.8	88.0	88.0	88.0	88.2	88.2	88.2
≥ 900		65.9	69.0	76.5	80.2	80.6	84.2	86.2	88.1	89.1	89.3	89.3	89.3	89.6	89.6	89.6
≥ 800		66.2	69.3	77.3	81.2	81.6	85.3	87.4	89.5	90.4	90.7	90.7	90.7	90.9	90.9	90.9
≥ 700		67.0	70.2	78.3	82.4	82.8	86.7	89.0	91.0	92.0	92.2	92.2	92.2	92.5	92.5	92.5
≥ 600		67.2	70.4	78.5	82.7	83.0	87.3	89.8	91.9	93.0	93.2	93.2	93.2	93.5	93.5	93.5
≥ 500		67.2	70.5	79.0	83.3	83.6	88.1	91.0	93.2	94.5	94.8	94.8	94.8	95.1	95.0	95.0
≥ 400		67.2	70.5	79.0	83.4	83.9	88.5	92.1	94.7	96.8	96.7	97.0	97.0	97.3	97.3	97.5
≥ 300		67.2	70.5	79.0	83.4	83.9	88.5	92.1	94.7	97.1	97.8	98.3	98.3	98.8	98.9	99.0
≥ 200		67.2	70.5	79.0	83.4	83.9	88.5	92.1	94.7	97.2	98.2	98.8	98.8	99.4	99.6	99.8
≥ 100		67.2	70.5	79.0	83.4	83.9	88.5	92.1	94.7	97.2	98.2	98.8	98.8	99.5	99.8	100.0
≥ 0		67.2	70.5	79.0	83.4	83.9	88.5	92.1	94.7	97.2	98.2	98.8	98.8	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 825

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE40	≥2 GE32	≥1¾ GE24	≥1½ GE20	≥1 GE16	≥¾ GE12	≥⅝ GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE0
NO CEILING	29.0	30.0	31.1	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 20000	35.9	36.9	38.4	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 18000	35.9	36.9	38.4	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 16000	35.9	36.9	38.4	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 14000	35.9	36.9	38.4	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 12000	36.6	37.6	39.6	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 10000	39.2	40.3	42.3	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 9000	39.7	40.7	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	43.4
≥ 8000	44.1	45.1	47.3	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 7000	45.6	46.6	48.8	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 6000	45.8	46.8	49.0	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 5000	48.2	49.3	51.4	52.0	52.0	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 4500	51.6	52.6	55.1	55.7	55.7	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 4000	59.3	60.4	63.0	63.6	63.6	63.9	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 3500	63.8	64.9	67.5	68.1	68.1	68.4	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3000	69.3	70.6	73.5	74.2	74.2	74.6	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 2500	73.5	74.7	77.9	78.5	78.5	79.0	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 2000	77.2	78.4	81.8	82.5	82.5	82.9	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 1800	78.1	79.4	82.7	83.4	83.4	83.9	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1500	82.5	83.7	87.5	88.4	88.4	88.8	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200	85.7	87.1	91.9	92.0	92.0	92.6	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	86.7	88.2	92.4	93.9	93.9	94.5	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	87.2	88.7	92.8	94.3	94.5	95.0	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	87.5	89.0	93.5	95.0	95.2	95.7	96.2	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	87.8	89.3	94.5	96.1	96.2	96.9	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	88.0	89.5	94.7	96.4	96.5	97.2	97.9	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	88.0	89.5	94.8	96.7	96.8	97.6	98.4	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	88.0	89.5	94.8	96.8	96.9	97.7	98.5	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	88.0	89.5	94.8	96.8	96.9	97.8	98.7	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	88.0	89.5	94.8	96.8	96.9	97.8	98.7	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.0	89.5	94.8	96.8	96.9	97.8	98.7	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.0	89.5	94.8	96.8	96.9	97.8	98.7	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 867

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35621 ALCONBURY RAF UK 73-80 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12Z-14Z
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¾ GE2	≥1¼ GE2	≥1 GE1	≥⅝ GE1	≥½ GE1	≥⅜ GE0	≥¼ GE0	≥5/16 GE0	≥0 GE0
NO CEILING		29.8	30.3	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
20000		38.6	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 8000		38.6	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
6000		38.6	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 4000		38.6	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 3000		39.1	39.8	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 2500		41.2	41.9	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 2000		42.1	42.8	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 1800		47.1	47.8	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 1500		46.6	49.5	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 1200		49.2	49.8	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 1000		52.9	53.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 900		58.2	59.0	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 800		67.1	67.9	68.8	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 700		76.2	77.1	78.0	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 600		83.1	84.1	85.1	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 500		85.4	86.4	87.6	87.8	87.8	88.1	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 400		88.2	89.3	91.0	91.2	91.2	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 300		88.7	89.7	91.5	91.6	91.6	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 200		91.1	92.1	94.0	94.2	94.2	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 100		92.8	94.0	96.2	96.6	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
0		93.7	95.0	97.5	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
		93.9	95.3	97.9	98.4	98.4	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
		94.2	95.4	98.0	98.5	98.5	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
		94.2	95.6	98.2	98.8	98.8	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
		94.2	95.6	98.3	98.9	98.9	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
		94.2	95.6	98.4	99.0	99.0	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
		94.2	95.6	98.4	99.1	99.1	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		94.2	95.6	98.4	99.1	99.1	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		94.2	95.6	98.4	99.1	99.1	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		94.2	95.6	98.4	99.1	99.1	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 885

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03521 ALCONBURY RAF UK 73-82 JUN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 ≥16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	¾ GE1.2	½ GE1.0	⅜ GE0.8	≥5/16 GE0.5	¼ GE0.4	≥0 GE0
NO CEILING		29.5	29.5	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 20000		38.6	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 18000		38.6	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 14000		38.7	38.8	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 12000		39.1	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 10000		42.2	42.3	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 9000		43.2	43.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 8000		50.3	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	51.5
≥ 7000		51.8	52.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 6000		52.4	52.6	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 5000		56.8	59.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 4500		65.3	65.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 4000		74.6	75.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3500		81.4	81.1	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3000		86.1	86.9	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500		87.3	88.2	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000		89.3	90.2	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800		89.9	90.8	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500		91.2	92.3	94.3	94.4	94.4	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200		92.6	93.7	95.9	96.2	96.2	96.6	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000		93.3	94.7	97.0	97.2	97.2	97.7	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1
≥ 900		93.4	94.9	97.4	97.7	97.7	98.1	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6
≥ 800		93.4	94.9	97.6	97.9	97.9	98.5	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0
≥ 700		93.7	95.2	98.0	98.5	98.5	99.1	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 600		93.7	95.2	98.0	98.6	98.6	99.2	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7
≥ 500		93.7	95.2	98.0	98.6	98.7	99.3	99.5	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 400		93.7	95.2	98.0	98.7	98.8	99.4	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300		93.7	95.2	98.0	98.7	98.8	99.4	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200		93.7	95.2	98.0	98.7	98.8	99.4	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100		93.7	95.2	98.0	98.7	98.8	99.4	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥		93.7	95.2	98.0	98.7	98.8	99.4	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 861

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¾ GE2	≥1½ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥⅜ GE0	≥5/16 GE0	≥¼ GE0	≥0 GE
NO CEILING		35.4	35.8	36.8	36.8	36.8	36.9	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
> 20000		42.9	43.3	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 18000		43.2	43.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
> 6000		43.2	43.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 14000		43.5	43.8	45.0	45.0	45.0	45.0	45.0	45.	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 12000		44.2	44.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 10000		46.6	47.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
> 9000		47.9	48.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 9000		53.4	53.8	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
> 8000		55.8	56.3	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 6000		56.0	56.5	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
> 5000		60.2	60.7	62.6	62.9	62.9	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
> 4500		65.0	66.0	68.2	68.6	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
> 4000		73.4	74.1	76.9	77.3	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3500		76.7	79.5	82.9	83.3	83.4	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3000		83.8	84.7	88.1	88.5	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
> 2500		84.8	85.7	89.4	89.9	90.0	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
> 2000		86.3	87.3	91.2	91.8	92.0	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1800		87.7	88.7	92.6	93.5	93.6	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500		87.9	89.4	93.5	94.4	94.6	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
> 1000		88.3	89.9	94.1	95.1	95.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000		88.7	90.5	94.9	96.0	96.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
> 900		89.1	90.9	95.3	96.5	96.6	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800		89.1	90.9	95.5	96.6	96.8	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700		89.2	91.1	95.6	97.0	97.1	98.4	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600		89.2	91.1	95.7	97.1	97.3	98.6	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500		89.2	91.1	95.7	97.3	97.5	98.8	99.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		89.2	91.1	95.7	97.3	97.5	98.8	99.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		89.2	91.1	95.7	97.3	97.5	98.8	99.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		89.2	91.1	95.7	97.3	97.5	98.8	99.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		89.2	91.1	95.7	97.3	97.5	98.8	99.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		89.2	91.1	95.7	97.3	97.5	98.8	99.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 771

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ G		≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING		39.4	40.3	44.2	45.6	45.6	46.3	46.3	46.3	46.3	46.3			46.3	46.3	46.3	46.6
≥ 20000		45.3	46.3	50.7	52.3	52.3	53.2	53.4	53.4	53.4	53.4			53.4	53.4	53.4	53.7
≥ 18000		45.4	46.5	50.8	52.5	52.5	53.4	53.5	53.5	53.5	53.5			53.5	53.5	53.5	53.8
≥ 16000		45.4	46.5	50.8	52.5	52.5	53.4	53.5	53.5	53.5	53.5			53.5	53.5	53.5	53.8
≥ 14000		45.6	46.6	51.0	52.6	52.6	53.5	53.7	53.7	53.7	53.7			53.7	53.7	53.7	54.0
≥ 12000		45.6	46.6	51.0	52.6	52.6	53.5	53.7	53.7	53.7	53.7	53.7		53.7	53.7	53.7	54.0
≥ 10000		47.2	48.3	52.8	54.4	54.4	55.5	55.6	55.6	55.6	55.6	55.6		55.6	55.6	55.6	55.9
≥ 9000		48.3	49.3	53.8	55.5	55.5	56.5	56.7	56.7	56.7	56.7	56.7		56.7	56.7	56.7	57.0
≥ 8000		53.1	54.1	58.8	60.4	60.4	61.5	61.6	61.6	61.6	61.6	61.6		61.6	61.6	61.6	61.9
≥ 7000		54.3	55.3	60.0	61.9	61.9	63.0	63.1	63.1	63.1	63.1	63.1		63.1	63.1	63.1	63.4
≥ 6000		54.4	55.5	60.1	62.1	62.1	63.1	63.3	63.3	63.3	63.3	63.3		63.3	63.3	63.3	63.6
≥ 5000		56.8	57.9	62.5	64.5	64.8	65.8	66.0	66.0	66.0	66.0	66.0		66.0	66.0	66.0	66.3
≥ 4500		60.3	61.5	66.7	68.7	69.1	70.2	70.3	70.5	70.5	70.5	70.5		70.5	70.5	70.5	70.8
≥ 4000		65.7	67.0	72.6	74.8	75.3	76.3	76.5	76.6	76.6	76.6	76.6		76.6	76.6	76.6	76.9
≥ 3500		71.2	71.5	77.4	79.6	80.1	81.3	81.4	81.6	81.6	81.6	81.6		81.6	81.6	81.6	81.9
≥ 3000		73.8	75.3	81.1	83.4	83.8	85.2	85.5	85.6	85.6	85.6	85.6		85.6	85.6	85.6	85.9
≥ 2500		75.1	76.6	82.6	84.9	85.3	86.7	87.0	87.1	87.1	87.1	87.1		87.1	87.1	87.1	87.4
≥ 2000		77.4	78.9	84.9	87.1	87.6	88.9	89.4	89.5	89.5	89.5	89.5		89.5	89.5	89.5	89.8
≥ 1800		77.5	79.0	85.0	87.3	87.7	89.1	89.5	89.7	89.7	89.7	89.7		89.7	89.7	89.7	90.0
≥ 1500		79.6	81.4	87.6	89.8	90.4	91.9	92.5	92.7	92.7	92.7	92.7		92.7	92.7	92.7	93.0
≥ 1200		80.7	82.6	88.8	91.0	91.6	93.1	93.7	93.9	93.9	93.9	93.9		93.9	93.9	93.9	94.2
≥ 1000		81.1	83.1	89.4	91.6	92.2	94.0	94.6	94.8	94.8	94.8	94.8		94.8	94.8	94.8	95.1
≥ 900		82.0	84.0	90.3	92.5	93.1	94.9	95.7	95.8	95.8	95.8	95.8		95.8	95.8	95.8	96.1
≥ 800		82.0	84.0	90.3	92.5	93.1	94.9	96.0	96.1	96.1	96.1	96.1		96.1	96.1	96.1	96.4
≥ 700		82.2	84.1	90.4	92.7	93.3	95.4	96.4	96.6	96.6	96.6	96.6		96.6	96.6	96.6	96.9
≥ 600		82.2	84.1	90.4	92.7	93.3	95.7	97.0	97.3	97.5	97.8	97.8		97.8	97.8	97.8	98.1
≥ 500		82.2	84.1	91.0	93.3	93.9	96.3	97.6	98.2	98.4	98.7	98.7		98.7	98.7	98.7	99.0
≥ 400		82.2	84.1	91.0	93.4	94.0	96.6	97.9	98.5	98.8	99.1	99.1		99.1	99.1	99.1	99.4
≥ 300		82.2	84.3	91.3	93.7	94.3	97.0	98.5	99.1	99.4	99.7	99.7		99.7	99.7	99.7	100.0
≥ 200		82.2	84.3	91.3	93.7	94.3	97.0	98.5	99.1	99.4	99.7	99.7		99.7	99.7	99.7	100.0
≥ 100		82.2	84.3	91.3	93.7	94.3	97.0	98.5	99.1	99.4	99.7	99.7		99.7	99.7	99.7	100.0
< 100		82.2	84.3	91.3	93.7	94.3	97.0	98.5	99.1	99.4	99.7	99.7		99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 667

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 ALCONBURY RAF UK 73-82 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (GE9)	≥5 (GE8)	≥4 (GE6)	≥3 (GE48)	≥2½ (GE40)	≥2 (GE32)	≥1½ (GE24)	≥1¼ (GE20)	≥1 (GE16)	¾ (GE12)	½ (GE8)	¼ (GE4)	0 (GE0)		
20000	31.6	33.5	34.9	35.6	35.7	36.5	36.8	37.1	37.2	37.3	37.3	37.3	37.3	37.3		
	35.1	39.1	41.9	42.7	42.8	43.8	44.2	44.5	44.6	44.8	44.8	44.9	44.9	45.0		
10000	38.0	39.1	42.0	42.8	42.9	43.9	44.3	44.6	44.8	44.9	44.9	44.9	45.0	45.0		
6000	38.0	39.1	42.0	42.8	42.9	43.9	44.3	44.6	44.8	44.9	44.9	44.9	45.0	45.0		
5000	38.1	39.2	42.1	42.9	43.0	44.0	44.4	44.7	44.9	45.0	45.0	45.0	45.1	45.1		
4500	38.5	39.6	42.5	43.4	43.4	44.5	44.9	45.2	45.4	45.5	45.5	45.5	45.6	45.6		
4000	41.7	41.9	45.0	45.9	46.0	47.1	47.5	47.9	48.2	48.2	48.2	48.3	48.3	48.4		
3500	41.6	42.8	46.1	47.0	47.1	48.2	48.7	49.1	49.3	49.3	49.3	49.4	49.4	49.5		
3000	46.2	47.4	51.0	51.9	52.0	53.1	53.6	53.9	54.3	54.3	54.4	54.4	54.4	54.5		
2500	47.5	48.9	52.4	53.4	53.5	54.6	55.1	55.4	55.8	55.8	55.9	55.9	55.9	56.0		
2000	47.7	49.0	52.6	53.6	53.7	54.9	55.4	55.7	56.1	56.1	56.1	56.2	56.2	56.3		
1800	51.3	52.6	56.4	57.4	57.6	58.9	59.4	59.8	60.2	60.2	60.3	60.3	60.3	60.4		
1500	55.5	56.9	61.0	61.8	62.0	63.3	64.0	64.3	64.7	64.8	64.8	64.8	64.9	64.9		
1200	62.0	63.5	67.8	68.9	69.1	70.6	71.2	71.6	72.0	72.1	72.1	72.1	72.2	72.3		
1000	66.7	68.2	72.6	73.8	74.0	75.5	76.2	76.5	77.0	77.0	77.1	77.1	77.2	77.2		
900	70.8	72.4	77.0	78.2	78.4	80.1	80.8	81.2	81.6	81.7	81.8	81.8	81.9	81.9		
800	72.5	74.1	78.8	80.0	80.2	81.9	82.6	83.0	83.4	83.5	83.6	83.6	83.7	83.7		
700	74.8	76.5	81.4	82.7	82.9	84.6	85.3	85.6	86.3	86.4	86.4	86.5	86.6	86.6		
600	75.4	77.1	82.0	83.4	83.6	85.3	86.0	86.5	87.0	87.1	87.2	87.2	87.3	87.3		
500	77.5	79.3	84.5	85.9	86.1	87.8	88.7	89.1	89.7	89.8	89.8	89.9	89.9	90.0		
400	79.4	81.3	86.6	88.1	88.4	90.2	91.1	91.6	92.2	92.3	92.3	92.3	92.4	92.5		
300	80.2	82.2	87.6	89.4	89.7	91.7	92.7	93.2	93.8	93.9	93.9	94.0	94.1	94.1		
200	80.7	82.8	88.5	90.1	90.4	92.4	93.4	93.9	94.6	94.6	94.7	94.7	94.8	94.9		
150	81.0	83.1	88.9	90.5	90.8	92.9	94.0	94.5	95.2	95.3	95.3	95.4	95.5	95.5		
100	81.4	83.5	89.4	91.2	91.5	93.8	95.0	95.6	96.2	96.4	96.4	96.5	96.5	96.6		
50	81.4	83.6	89.6	91.4	91.8	94.1	95.5	96.2	96.9	97.1	97.1	97.2	97.3	97.3		
40	81.4	83.6	89.8	91.7	92.1	94.6	96.0	96.8	97.7	97.9	97.9	98.0	98.0	98.1		
30	81.4	83.6	89.8	91.8	92.2	94.8	96.4	97.3	98.2	98.4	98.5	98.6	98.7	98.8		
20	81.4	83.6	89.9	91.9	92.2	94.9	96.6	97.6	98.6	98.9	99.0	99.1	99.3	99.3	99.4	
10	81.4	83.6	89.9	91.9	92.3	95.0	96.6	97.6	98.7	99.0	99.2	99.3	99.5	99.6	99.7	
0	81.4	83.6	89.9	91.9	92.3	95.0	96.7	97.7	98.8	99.1	99.2	99.3	99.6	99.8	100.0	
	81.4	83.6	89.9	91.9	92.3	95.0	96.7	97.7	98.8	99.1	99.2	99.3	99.6	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 6221

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[3562] ALCONBURY RAF UK 73-82 JUL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-1200
HOUR LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE40	≥2 GE32	≥1¾ GE24	≥1½ GE2	≥1 GE16	≥¾ GE12	≥½ GE10	≥¼ GE08	≥5/16 GE05	≥0 GE04	≥0 GE0
NO CEILING	40.2	41.0	45.9	46.3	46.3	46.6	46.6	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	
≥ 20000	45.2	46.3	51.6	52.2	52.2	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	
≥ 18000	45.2	46.3	51.6	52.2	52.2	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	
≥ 17000	45.2	46.3	51.8	52.2	52.2	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	
≥ 16000	45.2	46.3	51.8	52.2	52.2	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	
≥ 15000	45.2	46.3	51.8	52.2	52.2	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	
≥ 14000	46.6	47.8	53.4	53.7	53.7	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	
≥ 13000	48.7	49.7	55.3	55.7	55.7	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	
≥ 12000	51.8	52.9	59.0	59.5	59.5	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	
≥ 11000	52.3	53.4	59.5	60.0	60.0	60.7	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	
≥ 10000	52.9	53.9	60.2	60.7	60.7	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	
≥ 9000	55.3	56.3	63.5	64.2	64.3	65.0	65.0	65.0	65.2	65.2	65.2	65.2	65.4	65.4	65.4	
≥ 8000	58.8	60.0	67.5	68.2	68.3	69.0	69.0	69.	69.2	69.2	69.2	69.2	69.4	69.4	69.4	
≥ 7000	63.0	64.5	73.0	73.7	73.9	74.8	75.0	75.0	75.1	75.1	75.1	75.3	75.5	75.5	75.5	
≥ 6000	68.	69.6	78.1	78.8	79.0	79.8	80.2	80.2	80.3	80.3	80.3	80.5	80.7	80.7	80.7	
≥ 5000	69.9	71.8	80.7	81.4	81.6	82.4	82.8	82.8	83.0	83.0	83.0	83.1	83.3	83.3	83.3	
≥ 4500	71.1	73.0	82.1	82.8	83.0	83.8	84.2	84.2	84.3	84.3	84.3	84.5	84.7	84.7	84.7	
≥ 4000	73.4	75.3	85.4	86.1	86.3	87.3	87.7	87.7	87.8	87.8	87.8	88.0	88.2	88.2	88.2	
≥ 3500	73.6	75.5	85.6	86.3	86.4	87.5	87.8	87.8	88.0	88.0	88.0	88.2	88.3	88.3	88.3	
≥ 3000	75.3	77.4	87.5	88.2	88.3	89.6	89.9	89.9	90.1	90.1	90.1	90.3	90.4	90.4	90.4	
≥ 2500	76.9	79.0	89.0	89.7	89.9	91.3	91.8	91.8	92.0	92.0	92.0	92.2	92.3	92.3	92.3	
≥ 2000	77.4	79.5	89.9	90.6	90.8	92.2	92.7	92.7	92.9	92.9	92.9	93.0	93.2	93.2	93.2	
≥ 1800	78.1	80.2	90.6	91.3	91.5	92.9	93.4	93.4	93.6	93.6	93.6	93.7	93.9	93.9	93.9	
≥ 1600	78.3	80.3	91.0	91.8	92.0	93.4	93.9	93.9	94.1	94.1	94.1	94.3	94.4	94.4	94.4	
≥ 1400	78.6	80.7	91.3	92.3	92.5	94.1	94.6	94.6	95.0	95.0	95.0	95.1	95.3	95.3	95.3	
≥ 1200	78.6	80.7	91.5	92.7	92.9	94.4	95.0	95.0	95.3	95.3	95.3	95.5	95.7	95.7	95.7	
≥ 1000	79.0	81.0	92.2	93.4	93.6	95.1	95.8	95.8	96.3	96.3	96.3	96.5	96.9	96.9	96.9	
≥ 900	79.5	81.6	93.6	94.8	95.1	96.9	97.7	97.7	98.3	98.3	98.3	98.4	98.8	98.8	98.8	
≥ 800	79.5	81.6	93.7	95.1	95.5	97.2	98.1	98.1	98.6	98.6	98.6	98.8	99.1	99.1	99.1	
≥ 700	79.5	81.6	93.7	95.1	95.5	97.2	98.3	98.3	99.0	99.0	99.0	99.1	99.5	99.5	99.5	
≥ 600	79.5	81.6	93.7	95.1	95.5	97.2	98.3	98.3	99.0	99.0	99.0	99.1	99.7	99.7	100.0	
< 600	79.5	81.6	93.7	95.1	95.5	97.2	98.3	98.3	99.0	99.0	99.0	99.1	99.7	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 575

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03721 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9.2	≥5 GE8.2	≥4 GE6.4	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥7/16 GE0.8	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0
NO CEILING		24.4	25.9	29.2	30.4	30.5	32.4	33.2	33.2	33.4	33.5	33.5	33.6	34.4	34.6	34.9
≥ 20000		30.0	31.6	35.0	36.1	36.3	38.4	39.4	39.4	39.5	39.7	39.7	39.8	40.6	40.8	41.1
≥ 18000		30.0	31.6	35.0	36.1	36.3	38.4	39.4	39.4	39.5	39.7	39.7	39.8	40.6	40.8	41.1
≥ 6000		30.0	31.6	35.0	36.1	36.3	38.4	39.4	39.4	39.5	39.7	39.7	39.8	40.6	40.8	41.1
≥ 5000		30.0	31.6	35.0	36.1	36.3	38.4	39.4	39.4	39.5	39.7	39.7	39.8	40.6	40.8	41.1
≥ 4000		30.0	31.6	35.0	36.1	36.3	38.4	39.4	39.4	39.5	39.7	39.7	39.8	40.6	40.8	41.1
≥ 3000		30.1	31.7	35.1	36.3	36.4	38.5	39.5	39.5	39.7	39.8	39.8	39.9	40.7	40.9	41.2
≥ 2500		32.1	33.9	37.8	38.9	39.0	41.2	42.2	42.2	42.3	42.4	42.4	42.6	43.5	43.7	44.0
≥ 2000		33.8	35.5	39.4	40.6	40.7	42.9	43.8	44.0	44.1	44.2	44.2	44.3	45.2	45.5	45.7
≥ 1800		37.5	39.5	43.7	44.8	45.0	47.5	48.6	48.7	48.9	49.0	49.0	49.1	50.0	50.3	50.5
≥ 1500		38.4	40.4	44.7	45.8	46.1	48.6	49.7	49.9	50.0	50.1	50.1	50.3	51.1	51.4	51.6
≥ 1200		38.9	40.9	45.3	46.5	46.7	49.2	50.4	50.5	50.6	50.8	50.8	50.9	51.8	52.0	52.3
≥ 1000		42.4	44.7	50.3	51.5	51.6	54.5	55.7	55.8	55.9	56.0	56.0	56.2	57.1	57.3	57.6
≥ 900		45.2	47.6	53.3	54.7	54.9	57.7	59.1	59.2	59.3	59.4	59.4	59.6	60.5	60.7	61.0
≥ 800		56.3	52.8	59.2	60.7	61.0	64.4	65.7	65.9	66.0	66.1	66.1	66.2	67.1	67.4	67.6
≥ 700		54.7	56.7	63.4	64.9	65.1	68.4	70.0	70.2	70.3	70.4	70.4	70.5	71.4	71.7	71.9
≥ 600		56.4	58.1	65.0	66.8	67.0	70.9	72.3	72.4	72.5	72.7	72.7	72.8	73.7	73.9	74.2
≥ 500		57.3	59.9	67.0	68.8	69.0	72.9	74.3	74.4	74.6	74.7	74.7	74.8	75.7	75.9	76.2
≥ 400		60.3	63.0	70.8	72.5	72.8	77.1	78.5	78.6	78.7	78.8	78.8	79.1	79.8	80.1	80.4
≥ 300		60.7	63.4	71.3	73.0	73.3	77.5	79.0	79.1	79.2	79.3	79.3	79.5	80.4	80.6	80.9
≥ 200		63.2	66.0	74.1	75.8	76.1	80.4	81.9	82.0	82.1	82.2	82.2	82.4	83.2	83.5	83.8
≥ 100		64.9	67.6	75.9	77.8	78.1	82.4	83.9	84.0	84.1	84.3	84.3	84.4	85.3	85.5	85.8
≥ 000		66.0	68.8	77.6	79.5	79.7	84.1	85.9	86.0	86.1	86.3	86.3	86.4	87.4	87.7	88.0
≥ 900		66.5	69.3	78.5	80.4	80.6	85.0	87.0	87.2	87.3	87.4	87.4	87.5	88.5	88.8	89.2
≥ 800		66.6	69.4	78.8	80.7	81.0	85.8	87.9	88.0	88.2	88.3	88.3	88.4	89.4	89.7	90.1
≥ 700		67.5	70.5	80.0	82.0	82.2	87.0	89.2	89.3	89.4	89.5	89.5	89.7	90.7	90.9	91.3
≥ 600		67.8	70.8	80.4	82.4	82.6	87.5	89.7	89.8	89.9	90.1	90.1	90.2	91.3	91.7	92.1
≥ 500		67.9	70.9	80.5	82.5	82.7	87.8	90.3	90.4	90.6	90.7	90.7	90.8	91.9	92.3	92.7
≥ 400		68.3	71.0	81.5	83.5	83.8	88.9	91.7	91.8	92.3	92.4	92.4	92.6	94.-	94.5	95.0
≥ 300		68.6	71.0	81.9	83.9	84.1	89.5	92.4	92.7	93.7	93.8	93.8	94.0	95.5	96.0	96.6
≥ 200		68.7	71.1	81.9	84.0	84.3	90.1	92.9	93.3	94.7	94.8	94.8	95.3	97.1	97.6	98.5
≥ 100		68.7	71.1	81.9	84.0	84.3	90.1	92.9	93.3	94.7	94.8	94.8	95.3	97.2	97.9	100.0
≥ 000		68.7	71.1	81.9	84.0	84.3	90.1	92.9	93.3	94.7	94.8	94.8	95.3	97.2	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 298

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75521 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0900 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥½ GE10	≥⅜ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE0
NO CEILING		24.6	25.6	27.8	29.0	29.0	29.9	30.3	30.3	30.6	30.6	30.6	30.8	31.0	31.2	31.2
≥ 20000		30.3	31.3	33.6	34.9	34.9	36.2	36.5	36.5	36.9	36.9	36.9	37.0	37.2	37.6	37.6
≥ 18000		30.4	31.6	33.7	35.0	35.0	36.3	36.6	36.6	37.0	37.0	37.0	37.1	37.3	37.7	37.7
≥ 6000		30.4	31.5	33.7	35.0	35.0	36.3	36.6	36.6	37.0	37.0	37.0	37.1	37.3	37.7	37.7
≥ 4000		31.5	31.6	33.8	35.1	35.1	36.4	36.7	36.7	37.1	37.1	37.1	37.2	37.4	37.8	37.8
≥ 2200		31.6	32.6	34.9	36.2	36.2	37.4	37.8	37.8	38.1	38.1	38.1	38.3	38.5	38.8	38.8
≥ 10000		34.0	35.2	37.6	39.0	39.0	40.3	40.6	40.6	41.0	41.0	41.0	41.1	41.3	41.8	41.8
≥ 9000		35.6	37.0	39.4	40.8	40.8	42.1	42.5	42.5	42.8	42.8	42.8	43.0	43.2	43.7	43.7
≥ 8000		41.3	42.6	45.5	47.2	47.2	48.6	48.9	48.9	49.4	49.4	49.4	49.5	49.8	50.2	50.5
≥ 7000		42.3	43.5	46.5	48.1	48.1	49.5	49.9	49.9	50.4	50.5	50.5	50.6	50.8	51.3	51.5
≥ 6000		43.0	44.2	47.2	48.8	48.8	50.2	50.6	50.6	51.1	51.2	51.2	51.3	51.5	52.0	52.2
≥ 5000		46.7	48.0	51.4	53.1	53.1	54.6	54.9	54.9	55.4	55.5	55.5	55.6	55.9	56.3	56.6
≥ 4500		50.5	51.8	55.3	57.2	57.2	58.8	59.2	59.2	59.6	59.7	59.7	59.9	60.1	60.6	60.8
≥ 4000		56.6	58.1	62.2	64.2	64.2	66.1	66.4	66.4	66.9	67.0	67.0	67.1	67.4	67.8	68.1
≥ 3500		58.5	60.1	64.2	66.2	66.2	68.1	68.4	68.4	69.0	69.1	69.1	69.2	69.5	70.1	70.3
≥ 3000		60.4	62.2	66.7	68.9	68.9	70.9	71.4	71.5	72.1	72.2	72.2	72.3	72.5	73.1	73.4
≥ 2500		62.4	64.4	68.9	71.1	71.1	73.1	73.6	73.7	74.3	74.4	74.4	74.5	74.8	75.4	75.6
≥ 2000		64.9	66.9	71.5	73.7	73.7	75.7	76.2	76.3	76.9	77.0	77.0	77.1	77.3	77.9	78.2
≥ 1800		65.6	67.6	72.2	74.4	74.4	76.4	76.9	77.0	77.6	77.7	77.7	77.8	78.1	78.6	78.9
≥ 1500		66.1	68.3	73.1	75.3	75.5	79.6	80.0	80.2	80.9	81.0	81.0	81.1	81.3	81.9	82.2
≥ 1200		71.5	73.7	78.6	80.9	81.0	83.1	83.6	83.7	84.5	84.6	84.6	84.7	85.0	85.6	85.8
≥ 1000		73.1	75.5	80.5	82.9	83.1	85.2	85.7	85.8	86.6	86.7	86.7	86.9	87.1	87.7	87.9
≥ 900		73.9	76.3	81.6	83.9	84.2	86.3	86.7	86.9	87.7	87.8	87.8	87.9	88.1	88.7	89.0
≥ 800		74.9	77.2	82.6	85.0	85.2	87.4	87.9	88.0	88.8	89.0	89.0	89.1	89.3	89.9	90.1
≥ 700		75.6	78.2	83.8	86.5	86.7	89.1	89.7	89.8	90.6	90.7	90.7	90.8	91.1	91.7	91.9
≥ 600		76.2	78.9	84.6	87.6	87.8	90.3	90.8	91.0	91.8	91.9	91.9	92.0	92.3	92.8	93.1
≥ 500		76.4	79.2	85.2	88.1	88.4	91.1	91.7	91.8	92.6	92.7	92.7	92.8	93.1	93.7	93.9
≥ 400		76.4	79.5	85.8	89.0	89.2	92.3	93.1	93.3	94.4	94.5	94.5	94.6	94.8	95.5	95.8
≥ 300		76.4	79.5	86.0	89.2	89.4	92.7	93.7	94.0	95.2	95.3	95.3	95.4	95.9	96.6	97.2
≥ 200		76.4	79.5	86.0	89.2	89.4	92.7	93.7	94.2	95.7	95.8	95.8	96.2	96.7	97.7	99.2
≥ 100		76.4	79.5	86.0	89.2	89.4	92.7	93.7	94.2	95.7	95.8	95.8	96.2	96.7	97.7	100.0
0		76.4	79.5	86.0	89.2	89.4	92.7	93.7	94.2	95.7	95.8	95.8	96.2	96.7	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 852

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-87 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (≥9.7)	≥5 (≥8.0)	≥4 (≥6.4)	≥3 (≥4.8)	≥2½ (≥4.0)	≥2 (≥3.2)	≥1¼ (≥2.4)	≥1 (≥2.0)	≥¾ (≥1.6)	≥½ (≥1.2)	≥¼ (≥1.0)	≥0 (≥0.8)	≥5/16 (≥0.5)	≥0 (≥0.4)	≥0 (≥0.0)
NO CEILING	26.6	25.7	26.3	26.5	26.5	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
≥ 20000	32.2	32.3	33.1	33.2	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 18000	32.2	32.3	33.1	33.2	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 6000	32.2	32.3	33.1	33.2	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 14000	32.4	32.5	33.3	33.4	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 12000	33.7	33.9	34.6	34.8	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 10000	36.2	36.3	37.1	37.2	37.2	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 9000	37.4	37.7	38.5	38.6	38.6	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 8000	42.2	43.3	44.2	44.4	44.4	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 7000	44.6	45.7	45.9	46.1	46.1	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 6000	45.1	45.4	46.3	46.5	46.5	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 5000	48.1	48.4	49.4	49.6	49.8	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 4500	50.6	50.9	52.0	52.4	52.4	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 4000	57.4	57.8	59.0	59.5	59.5	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 3500	63.6	64.0	65.4	65.9	65.9	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 3000	71.1	71.5	73.1	73.5	73.5	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2500	73.8	74.2	75.8	76.3	76.3	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 2000	76.7	79.5	81.1	81.6	81.6	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1800	78.9	80.7	82.3	82.8	82.8	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 1500	83.6	84.4	86.8	87.3	87.3	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200	87.1	87.9	90.6	91.3	91.3	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1000	88.8	89.7	92.6	93.4	93.4	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	89.5	90.4	93.3	94.2	94.3	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	90.5	91.4	94.5	95.4	95.5	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	90.8	91.7	95.0	95.9	96.0	96.7	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	91.2	91.9	95.3	96.3	96.4	97.3	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	91.0	91.9	95.6	96.6	96.7	97.9	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	91.0	91.9	95.6	96.6	96.7	97.9	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	91.0	91.9	95.6	96.6	96.7	98.0	98.8	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8
≥ 200	91.0	91.9	95.6	96.6	96.7	98.0	98.8	99.1	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0
≥ 100	91.0	91.9	95.6	96.6	96.7	98.0	98.8	99.1	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0
≥ 0	91.0	91.9	95.6	96.6	96.7	98.0	98.8	99.1	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 892

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 ALCONBURY RAF UK 73-80 JUL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	¾ GE12	½ GE10	¼ GE08	⅛ GE05	⅛ GE04	≥0 GE0
NO CEILING		23.0	23.0	23.1	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 20000		30.6	30.6	30.9	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 18000		30.8	30.8	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 16000		30.8	30.8	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 14000		30.8	30.8	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 12000		31.4	31.4	31.8	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 10000		34.3	34.3	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 9000		35.0	35.0	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 8000		40.4	40.4	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 7000		41.6	41.6	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 6000		42.0	42.0	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 5000		47.3	47.3	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 4500		51.0	51.0	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 4000		63.2	63.2	63.8	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 3500		72.7	73.1	74.0	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3000		79.5	79.8	80.9	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2500		84.3	84.6	85.7	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000		87.8	88.1	89.3	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800		88.2	88.5	89.7	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1600		91.2	91.5	92.7	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1400		93.7	94.1	95.5	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200		94.8	95.2	96.7	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000		94.9	95.3	96.9	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900		95.1	95.5	97.4	98.1	98.1	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800		95.3	95.7	97.7	98.6	98.6	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		95.3	95.7	97.8	98.7	98.7	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600		95.3	95.7	97.9	98.8	98.8	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		95.3	95.7	97.9	98.8	98.8	99.2	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		95.3	95.7	98.0	98.9	98.9	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		95.3	95.7	98.0	98.9	98.9	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		95.3	95.7	98.0	98.9	98.9	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		95.3	95.7	98.0	98.9	98.9	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 100		95.3	95.7	98.0	98.9	98.9	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 916

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15121 ALCONBURY RAF UK 73-82 JUL
STATION NUMBER STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15:0-17:00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3½	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥0
		GE9	GE8	GE7	GE6	GE5	GE4	GE3½	GE3	GE2½	GE2	GE1½	GE1	GE¾	GE½	GE0
≥ 25000	25.3	25.3	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
≥ 22000	33.4	33.4	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 20000	34.1	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 18000	34.1	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 17000	34.2	34.2	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 16000	34.8	34.8	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 15000	39.1	39.1	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 14000	41.8	41.8	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 13000	49.1	49.1	49.6	49.6	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 12000	50.2	50.2	50.8	50.8	50.8	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 11000	51.1	51.1	51.7	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 10000	57.6	57.6	58.3	58.3	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 9000	64.5	64.6	65.6	65.6	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 8000	75.6	75.7	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 7000	83.9	84.1	85.4	85.5	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 6000	87.3	87.7	89.1	89.2	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 5000	89.1	89.5	91.9	91.9	91.9	91.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	92.7	93.2	92.6	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4000	91.1	91.5	93.2	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500	93.2	93.5	95.4	95.6	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000	95.1	95.4	97.5	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2500	95.7	96.1	98.4	98.7	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	95.9	96.3	98.7	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	95.9	96.3	98.8	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1600	95.9	96.3	98.8	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1400	95.9	96.3	98.8	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	95.9	96.3	98.6	99.0	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	95.9	96.3	98.8	99.0	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 900	95.9	96.3	98.8	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	95.9	96.3	98.8	99.1	99.1	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	95.9	96.3	98.8	99.1	99.1	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	95.9	96.3	98.8	99.1	99.1	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
< 600																

TOTAL NUMBER OF OBSERVATIONS 892

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18.0-2000 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¾ GE2	≥1½ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥¼ GE0	≥⅛ GE0	≥0 GE0	
NO CEILING		34.7	35.1	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 20000		43.6	44.0	44.3	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 18000		43.9	44.3	44.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 6000		43.9	44.3	44.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 4000		44.1	44.5	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 2000		44.9	45.3	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 10000		49.3	49.8	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 9000		50.2	50.7	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 8000		58.2	59.0	59.7	60.1	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 7000		60.0	60.8	61.5	61.9	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 6000		61.4	62.2	63.0	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 5000		64.3	65.3	66.5	66.8	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4500		69.7	71.0	72.5	72.9	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4000		77.5	79.0	80.6	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500		82.6	84.0	85.7	86.1	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000		85.3	87.0	88.9	89.3	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500		86.7	88.4	90.3	91.7	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000		89.2	90.8	92.9	93.3	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800		89.9	91.6	93.7	94.1	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500		90.7	92.5	94.6	95.0	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200		91.9	93.7	96.0	96.6	96.9	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000		92.4	94.2	96.6	97.3	97.5	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900		92.5	94.3	96.8	97.4	97.7	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800		92.9	94.7	97.3	98.1	98.3	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		93.3	95.0	97.5	98.3	98.6	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600		93.3	95.3	97.5	98.3	98.6	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500		93.3	95.0	97.7	98.5	98.7	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		93.3	95.0	97.7	98.5	98.7	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300		93.3	95.0	97.7	98.5	98.7	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200		93.3	95.0	97.7	98.5	98.7	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.9	99.9	100.0
≥ 100		93.3	95.0	97.7	98.5	98.7	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.9	99.9	100.0
0		93.3	95.0	97.7	98.5	98.7	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 775

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2130-2330 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥¼ GE0	≥3/16 GE0	≥0 GE0	≥0 GE0
NO CEILING		40.1	41.6	41.8	41.9	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.4	42.4	42.4
≥ 20000		47.4	48.1	49.3	49.5	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9
≥ 18000		48.0	48.7	49.9	50.1	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5
≥ 16000		48.0	48.7	49.9	50.1	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5
≥ 14000		48.0	48.7	49.9	50.1	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5
≥ 12000		48.3	49.0	50.4	50.5	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	51.0	51.0	51.0
≥ 10000		52.7	53.5	54.8	55.0	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4
≥ 9000		53.0	53.8	55.3	55.6	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.-	56.0	56.0
≥ 8000		57.5	58.2	60.3	60.6	60.6	61.0	61.2	61.2	61.2	61.3	61.3	61.3	61.5	61.5	61.5
≥ 7000		57.6	58.4	60.4	60.7	60.7	61.2	61.3	61.3	61.3	61.5	61.5	61.5	61.6	61.6	61.6
≥ 6000		58.1	58.8	60.9	61.2	61.2	61.6	61.8	61.8	61.8	61.9	61.9	61.9	62.1	62.1	62.1
≥ 5000		60.7	61.6	64.1	64.4	64.4	64.9	65.-	65.0	65.0	65.2	65.2	65.2	65.3	65.3	65.3
≥ 4500		65.0	65.9	68.9	69.2	69.2	69.6	69.8	69.8	69.8	69.9	69.9	69.9	70.1	70.1	70.1
≥ 4000		71.4	72.7	76.0	76.3	76.3	76.9	77.2	77.2	77.2	77.3	77.3	77.3	77.5	77.5	77.5
≥ 3500		76.3	77.6	81.2	81.5	81.5	82.1	82.5	82.5	82.7	82.8	82.8	82.8	83.0	83.0	83.0
≥ 3000		79.4	80.7	84.4	84.7	84.7	85.3	85.8	85.8	85.9	86.1	86.1	86.1	86.2	86.2	86.2
≥ 2500		81.2	82.7	86.5	86.8	86.8	87.4	87.9	87.9	88.1	88.3	88.3	88.3	88.4	88.4	88.4
≥ 2000		83.3	84.7	89.-	89.3	89.3	89.9	90.5	90.5	90.8	91.0	91.0	91.0	91.1	91.1	91.1
≥ 1800		83.4	84.9	89.2	89.5	89.5	90.1	90.7	90.7	91.0	91.1	91.1	91.1	91.3	91.3	91.3
≥ 1600		84.9	86.4	91.1	91.4	91.4	92.-	92.6	92.6	92.9	93.0	93.0	93.0	93.2	93.2	93.2
≥ 1400		85.9	87.4	92.6	93.0	93.0	93.8	94.4	94.5	94.8	95.-	95.-	95.0	95.1	95.1	95.1
≥ 1200		87.0	88.4	93.9	94.4	94.4	95.1	95.7	95.9	96.1	96.3	96.3	96.3	96.4	96.4	96.4
≥ 1000		87.3	89.2	94.7	95.1	95.1	95.9	96.4	96.6	96.9	97.-	97.0	97.7	97.2	97.2	97.2
≥ 900		87.3	89.5	95.0	95.6	95.6	96.3	96.9	97.0	97.3	97.5	97.5	97.5	97.6	97.6	97.6
≥ 800		87.7	89.9	95.4	96.0	96.0	96.7	97.3	97.5	97.8	97.9	97.9	97.9	98.1	98.1	98.1
≥ 700		87.9	90.1	95.6	96.1	96.1	96.9	97.5	97.6	97.9	98.1	98.1	98.1	98.2	98.2	98.2
≥ 600		88.1	90.4	95.9	96.6	96.6	97.3	97.9	98.1	98.4	98.5	98.5	98.5	98.7	98.7	98.7
≥ 500		88.3	90.7	96.6	97.3	97.5	98.2	98.8	99.0	99.3	99.4	99.4	99.4	99.6	99.6	99.6
≥ 400		88.4	90.8	96.7	97.5	97.6	98.4	99.0	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7
≥ 300		88.4	90.8	96.7	97.5	97.6	98.4	99.0	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 200		88.4	90.8	96.7	97.5	97.6	98.4	99.0	99.3	99.6	99.7	99.7	99.7	100.0	100.0	100.0
< 200		88.4	90.8	96.7	97.5	97.6	98.4	99.0	99.3	99.6	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 675

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-87 (YEARS) JUL (MONTHS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (>16)	≥6 GE9C	≥5 GE8C	≥4 GE6C	≥3 GE4C	≥2½ GE4C	≥2 GE3C	≥1½ GE2C	≥1¼ GE2C	≥1 GE1C	≥¾ GE1C	≥½ GE0C	≥¼ GE0C	≥5/16 GE0C	≥0 GE0C	≥0 GE0C
NO CEILING		28.9	29.4	30.8	31.3	31.3	31.7	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.2	32.2
≥ 20000		35.6	36.4	37.9	38.4	38.4	38.9	39.1	39.1	39.2	39.2	39.2	39.2	39.4	39.5	39.5
≥ 18000		36.0	36.6	38.2	38.6	38.6	39.2	39.4	39.4	39.4	39.4	39.4	39.5	39.6	39.7	39.7
≥ 16000		36.0	36.6	38.2	38.6	38.6	39.2	39.4	39.4	39.4	39.4	39.4	39.5	39.6	39.7	39.7
≥ 14000		36.1	36.7	38.3	38.7	38.7	39.3	39.4	39.4	39.5	39.5	39.5	39.6	39.7	39.8	39.8
≥ 12000		36.7	37.3	38.9	39.4	39.4	39.9	40.1	40.1	40.2	40.2	40.2	40.2	40.4	40.5	40.5
≥ 10000		39.8	40.5	42.2	42.7	42.7	43.2	43.4	43.4	43.5	43.5	43.5	43.5	43.7	43.8	43.8
≥ 9000		41.1	41.8	43.5	44.0	44.0	44.6	44.7	44.8	44.8	44.9	44.9	44.9	45.0	45.1	45.2
≥ 8000		46.8	47.5	49.5	50.1	50.1	50.7	51.0	51.0	51.1	51.1	51.1	51.1	51.3	51.4	51.5
≥ 7000		47.8	48.6	50.6	51.2	51.2	51.8	52.1	52.1	52.2	52.3	52.3	52.3	52.4	52.5	52.6
≥ 6000		48.5	49.2	51.3	51.9	51.9	52.5	52.8	52.8	52.9	53.0	53.0	53.0	53.1	53.2	53.3
≥ 5000		52.4	53.2	55.7	56.3	56.4	57.1	57.3	57.4	57.4	57.5	57.5	57.5	57.7	57.8	57.9
≥ 4500		56.5	57.4	60.1	60.8	60.8	61.5	61.8	61.9	62.0	62.0	62.0	62.0	62.2	62.3	62.4
≥ 4000		64.2	65.3	68.3	69.1	69.1	70.0	70.4	70.4	70.5	70.5	70.5	70.6	70.7	70.8	70.9
≥ 3500		69.9	71.1	74.3	75.0	75.1	76.0	76.4	76.4	76.5	76.6	76.6	76.6	76.8	76.9	77.0
≥ 3000		73.7	74.9	78.4	79.2	79.3	80.3	80.6	80.7	80.8	80.9	80.9	80.9	81.1	81.2	81.2
≥ 2500		76.0	77.3	80.8	81.6	81.7	82.7	83.0	83.1	83.2	83.3	83.3	83.3	83.5	83.6	83.7
≥ 2000		78.8	80.2	84.0	84.8	84.9	85.9	86.3	86.4	86.5	86.5	86.5	86.6	86.8	86.9	86.9
≥ 1800		79.4	80.7	84.6	85.4	85.5	86.5	86.9	87.0	87.1	87.1	87.1	87.2	87.4	87.5	87.5
≥ 1500		81.7	83.1	87.2	88.0	88.1	89.2	89.6	89.6	89.8	89.8	89.8	89.9	90.1	90.2	90.2
≥ 1200		83.8	85.3	89.6	90.5	90.6	91.8	92.2	92.3	92.5	92.5	92.5	92.5	92.7	92.8	92.9
≥ 1000		84.9	86.4	90.9	91.9	92.0	93.2	93.7	93.8	93.9	94.0	94.0	94.0	94.2	94.3	94.4
≥ 900		85.3	86.8	91.5	92.5	92.6	93.8	94.4	94.4	94.6	94.7	94.7	94.7	94.9	95.0	95.1
≥ 800		85.7	87.2	92.0	93.1	93.2	94.6	95.1	95.2	95.4	95.4	95.4	95.5	95.7	95.8	95.9
≥ 700		86.1	87.7	92.6	93.7	93.8	95.2	95.8	95.9	96.1	96.2	96.2	96.2	96.4	96.5	96.6
≥ 600		86.2	87.9	92.8	94.0	94.1	95.6	96.2	96.2	96.5	96.5	96.5	96.6	96.8	96.9	97.0
≥ 500		86.3	88.0	93.1	94.3	94.4	96.0	96.6	96.7	97.0	97.0	97.0	97.1	97.3	97.4	97.5
≥ 400		86.4	88.1	93.5	94.7	94.9	96.5	97.3	97.4	97.8	97.8	97.8	97.9	98.1	98.3	98.4
≥ 300		86.4	88.1	93.6	94.9	95.1	96.8	97.6	97.8	98.2	98.3	98.3	98.4	98.7	98.8	99.0
≥ 200		86.4	88.1	93.6	94.9	95.1	96.8	97.7	97.9	98.5	98.5	98.6	98.7	99.1	99.3	99.6
≥ 100		86.4	88.1	93.6	94.9	95.1	96.8	97.7	97.9	98.5	98.5	98.6	98.7	99.2	99.4	100.0
≥		86.4	88.1	93.6	94.9	95.1	96.8	97.7	97.9	98.5	98.5	98.6	98.7	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 6371

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0700-0200 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (GE9.0)	≥5 (GE8.0)	≥4 (GE6.0)	≥3 (GE4.8)	≥2½ (GE4.0)	≥2 (GE3.2)	≥1½ (GE2.4)	≥1¼ (GE2.0)	≥1 (GE1.6)	¾ (GE1.2)	½ (GE1.0)	¼ (GE0.8)	≥⅛ (GE0.5)	≥¼ (GE0.4)	0 (GE0)
NO CEILING	42.8	45.3	50.5	51.3	52.2	53.7	54.5	54.7	55.2	55.2	55.2	55.4	55.5	55.5	55.7	
≥ 20000	44.8	47.3	52.9	53.7	54.5	56.2	57.0	57.2	57.7	57.7	57.7	57.9	58.1	58.1	58.2	
≥ 18000	44.8	47.3	52.9	53.7	54.5	56.2	57.0	57.2	57.7	57.7	57.7	57.9	58.1	58.1	58.2	
≥ 16000	44.8	47.3	52.9	53.7	54.5	56.2	57.0	57.2	57.7	57.7	57.7	57.9	58.1	58.1	58.2	
≥ 14000	44.8	47.3	52.9	53.7	54.5	56.2	57.0	57.2	57.7	57.7	57.7	57.9	58.1	58.1	58.2	
≥ 12000	44.8	47.3	52.9	53.7	54.5	56.2	57.0	57.2	57.7	57.7	57.7	57.9	58.1	58.1	58.2	
≥ 11000	47.5	50.0	56.2	57.2	58.1	59.7	60.6	60.7	61.2	61.2	61.2	61.4	61.6	61.6	61.7	
≥ 9000	48.8	51.3	57.7	58.7	59.6	61.2	62.1	62.2	62.8	62.8	62.8	62.9	63.1	63.1	63.3	
≥ 8000	51.5	54.2	60.9	62.1	62.9	64.8	65.6	65.8	66.6	66.6	66.9	67.3	67.4	67.4	67.6	
≥ 7000	52.5	55.2	61.9	63.4	64.3	66.4	67.3	67.4	68.3	68.3	68.6	69.0	69.1	69.1	69.3	
≥ 6000	52.7	55.5	62.2	63.8	64.6	66.8	67.6	67.8	68.6	68.6	69.0	69.3	69.5	69.5	69.6	
≥ 5000	53.7	56.7	63.4	64.9	65.8	68.1	69.2	69.1	70.1	70.1	70.5	70.8	71.0	71.0	71.1	
≥ 4500	57.0	60.1	66.8	68.3	69.1	71.5	72.3	72.5	73.5	73.5	73.8	74.2	74.3	74.3	74.5	
≥ 4000	59.6	62.6	69.6	71.1	72.0	74.3	75.2	75.5	76.7	76.7	77.0	77.3	77.5	77.5	77.7	
≥ 3500	61.4	64.4	71.5	73.0	73.8	76.3	77.2	77.5	78.7	78.7	79.0	79.4	79.5	79.5	79.7	
≥ 3000	63.1	66.1	73.2	74.7	75.5	78.0	78.9	79.2	80.4	80.4	80.7	81.0	81.2	81.2	81.4	
≥ 2500	63.6	66.6	73.8	75.5	76.3	79.0	79.9	80.2	81.4	81.4	81.7	82.0	82.2	82.2	82.4	
≥ 2000	65.4	68.5	76.0	77.7	78.5	81.4	82.2	82.6	83.7	83.7	84.1	84.4	84.6	84.6	84.7	
≥ 1800	66.1	69.1	76.8	78.5	79.4	82.2	83.1	83.4	84.6	84.6	84.9	85.2	85.4	85.4	85.6	
≥ 1500	67.1	70.1	79.0	81.0	81.9	84.9	85.7	86.1	87.2	87.2	87.6	87.9	88.1	88.1	88.3	
≥ 1200	68.0	71.3	80.5	82.7	83.6	86.6	87.4	87.8	88.9	88.9	89.3	89.6	89.8	89.8	89.9	
≥ 1000	68.5	71.8	81.4	83.6	84.4	87.4	88.3	88.6	89.8	89.8	90.1	90.4	90.6	90.6	90.8	
≥ 900	68.8	72.1	81.7	83.9	84.7	88.1	89.1	89.4	90.6	90.6	90.9	91.3	91.4	91.4	91.6	
≥ 800	69.0	72.3	82.2	84.4	85.2	88.6	89.6	89.9	91.1	91.1	91.4	91.8	91.9	91.9	92.1	
≥ 700	69.3	72.3	82.4	84.6	85.4	88.8	89.9	90.3	91.4	91.4	91.8	92.1	92.3	92.3	92.4	
≥ 600	69.0	72.7	84.1	86.2	87.2	90.8	91.9	92.3	93.6	93.6	94.0	94.3	94.6	94.6	94.8	
≥ 500	69.0	73.0	84.7	87.1	88.1	91.8	93.1	93.5	94.8	94.8	95.1	95.5	96.0	96.0	96.1	
≥ 400	69.2	73.0	84.7	87.2	88.3	91.9	93.3	93.7	95.0	95.0	95.3	95.7	96.2	96.2	96.3	
≥ 300	69.2	73.0	84.7	87.4	88.6	92.8	94.5	95.6	97.1	97.5	97.8	98.7	99.2	99.2	99.7	
≥ 200	69.2	73.2	84.7	87.4	88.6	92.8	94.5	95.6	97.3	97.7	98.0	98.8	99.3	99.3	100.0	
≥ 100	69.0	73.0	84.7	87.4	88.6	92.8	94.5	95.6	97.3	97.7	98.0	98.8	99.3	99.3	100.0	
≥ 0	69.0	73.0	84.7	87.4	88.6	92.8	94.5	95.6	97.3	97.7	98.0	98.8	99.3	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 596

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥⅜ GE0	≥½ GE0	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING	28.8	31.4	36.2	36.8	37.2	40.2	41.2	41.9	42.6	42.7	43.2	43.7	44.2	44.3	46.2		
≥ 20000	32.8	35.5	40.7	41.6	42.2	45.3	46.6	47.3	47.9	48.1	48.6	49.2	49.9	50.1	51.9		
≥ 18000	32.8	35.5	40.7	41.6	42.2	45.3	46.6	47.3	47.9	48.1	48.6	49.2	49.9	50.1	51.9		
≥ 9000	32.8	35.5	40.7	41.6	42.2	45.3	46.6	47.3	47.9	48.1	48.6	49.2	49.9	50.1	51.9		
≥ 14000	32.8	35.5	40.7	41.6	42.2	45.3	46.6	47.3	47.9	48.1	48.6	49.2	49.9	50.1	51.9		
≥ 12000	33.2	35.9	41.1	41.9	42.6	45.7	46.9	47.7	48.3	48.4	48.9	49.6	50.3	50.4	52.3		
≥ 10000	36.0	38.9	44.7	45.8	46.4	49.8	51.1	51.8	52.4	52.6	53.1	53.7	54.4	54.6	56.4		
≥ 9000	36.6	39.7	45.4	46.6	47.2	50.6	51.8	52.6	53.2	53.3	53.8	54.4	55.2	55.3	57.2		
≥ 8000	40.8	43.7	50.3	51.6	52.3	56.1	57.3	58.2	59.3	59.4	59.9	60.6	61.5	61.6	63.5		
≥ 7000	41.6	44.4	51.2	52.8	53.7	57.6	58.8	59.7	60.8	61.0	61.5	62.1	63.0	63.1	65.0		
≥ 6000	41.8	44.7	51.4	53.1	53.9	57.8	59.1	59.9	61.1	61.2	61.7	62.3	63.2	63.3	65.2		
≥ 5000	43.7	46.6	53.7	55.3	56.2	60.1	61.3	62.2	63.3	63.7	64.2	64.8	65.7	65.8	67.7		
≥ 4500	46.3	49.3	56.7	58.3	59.2	63.2	64.5	65.3	66.5	66.8	67.3	68.0	68.8	69.0	70.8		
≥ 4000	48.9	52.1	60.1	61.8	62.7	67.0	68.3	69.2	70.6	71.0	71.5	72.2	73.1	73.2	75.1		
≥ 3500	50.7	53.8	62.3	64.2	65.1	69.6	71.1	72.3	73.5	73.8	74.3	75.1	76.0	76.1	78.0		
≥ 3000	51.9	55.6	64.2	66.1	67.0	71.6	73.1	74.3	75.5	75.8	76.3	77.1	78.0	78.1	80.0		
≥ 2500	52.4	56.1	65.2	67.3	68.2	72.8	74.3	75.6	76.7	77.1	77.6	78.3	79.2	79.3	81.2		
≥ 2000	54.7	58.9	68.6	70.7	71.7	76.5	78.0	79.2	80.4	80.7	81.2	82.1	82.9	83.0	84.9		
≥ 1800	54.8	59.1	68.7	70.8	71.8	76.6	78.1	79.3	80.5	80.9	81.4	82.1	83.0	83.1	85.0		
≥ 1500	55.7	59.9	69.8	72.0	73.0	77.7	79.2	80.5	81.6	82.0	82.5	83.2	84.1	84.2	86.1		
≥ 1200	56.6	61.0	71.1	73.2	74.2	79.1	80.6	81.9	83.0	83.4	83.9	84.6	85.5	85.6	87.5		
≥ 1000	56.6	61.2	72.1	74.3	75.3	80.2	81.7	83.0	84.1	84.5	85.0	85.7	86.6	86.7	88.6		
≥ 900	57.2	61.7	72.7	75.0	76.0	80.9	82.6	83.9	85.0	85.4	85.9	86.6	87.5	87.6	89.5		
≥ 800	57.2	61.7	72.7	75.1	76.1	81.1	82.9	84.1	85.2	85.6	86.1	86.9	87.7	87.9	89.7		
≥ 700	57.3	61.8	73.1	75.6	76.6	81.6	83.5	84.7	85.9	86.2	86.7	87.5	88.4	88.5	90.4		
≥ 600	57.3	61.8	73.7	76.2	77.2	82.4	84.2	85.7	86.9	87.2	87.7	88.5	89.4	89.5	91.4		
≥ 500	57.4	62.0	74.5	77.0	78.1	83.2	85.2	86.7	87.9	88.2	88.7	89.6	90.5	90.6	92.5		
≥ 400	57.4	62.0	75.1	77.6	78.8	84.5	86.5	88.7	90.4	91.0	91.5	92.5	93.4	93.5	95.5		
≥ 300	57.4	62.0	75.1	77.6	78.8	84.9	87.1	89.4	91.0	91.6	92.4	93.4	94.2	94.4	96.7		
≥ 200	57.4	62.0	75.1	77.7	79.0	85.0	87.4	89.6	91.6	92.2	93.2	94.4	95.4	95.7	98.5		
≥ 100	57.4	62.0	75.2	77.8	79.1	85.1	87.5	89.7	91.7	92.4	93.4	94.6	95.7	96.2	99.7		
≥ 0	57.4	62.0	75.2	77.8	79.1	85.1	87.5	89.7	91.7	92.4	93.4	94.6	95.9	96.4	100.0		

TOTAL NUMBER OF OBSERVATIONS 799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~75621~~ (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) ~~ALL~~ (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0600-0800~~ (HOURS, LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥⅝ GE1	≥½ GE0	≥⅜ (1) GE0	≥¼ GE0	≥0 GE0
NO CEILING		20.8	22.2	26.9	29.3	29.4	31.0	32.4	33.4	33.8	34.1	34.1	34.3	34.9	35.8	37.1
≥ 20000		23.5	24.9	30.1	33.0	33.1	35.5	36.9	38.1	38.7	39.0	39.0	39.2	39.8	40.7	42.1
≥ 18000		24.0	25.3	30.6	33.5	33.6	35.9	37.3	38.6	39.2	39.4	39.4	39.7	40.2	41.2	42.6
≥ 6000		24.0	25.3	30.6	33.5	33.6	35.9	37.3	38.6	39.2	39.4	39.4	39.7	40.2	41.2	42.6
≥ 14000		24.0	25.3	30.6	33.5	33.6	35.9	37.3	38.6	39.2	39.4	39.4	39.7	40.2	41.2	42.6
≥ 7000		24.7	26.3	31.5	34.4	34.5	37.1	38.5	39.8	40.3	40.6	40.6	40.8	41.4	42.3	43.7
≥ 10000		26.7	29.4	34.8	37.7	37.9	40.8	42.2	43.6	44.4	44.7	44.7	44.9	45.5	46.4	47.8
≥ 9000		27.7	29.3	35.7	38.6	38.8	41.7	43.1	44.5	45.3	45.6	45.6	45.8	46.4	47.3	48.7
≥ 8000		30.9	32.8	40.0	43.3	43.6	46.7	48.4	49.9	50.9	51.2	51.2	51.4	52.0	52.9	54.3
≥ 7000		32.0	33.8	41.2	44.5	45.0	48.1	49.8	51.5	52.7	52.9	52.9	53.1	53.7	54.7	56.0
≥ 6000		32.1	34.0	41.3	44.7	45.1	48.3	49.9	51.6	52.8	53.0	53.0	53.3	53.8	54.8	56.2
≥ 5000		34.1	35.9	43.6	47.2	47.7	50.8	52.4	54.2	55.3	55.6	55.6	55.8	56.4	57.3	58.7
≥ 4500		37.9	39.8	48.1	51.9	52.3	55.5	57.1	58.8	60.0	60.2	60.2	60.5	61.0	62.0	63.4
≥ 4000		40.6	42.6	51.7	55.9	56.4	59.5	61.2	63.0	64.3	64.5	64.5	64.8	65.3	66.3	67.8
≥ 3500		43.3	45.5	55.2	59.7	60.1	63.4	65.1	67.0	68.4	68.7	68.7	69.2	69.8	70.7	72.2
≥ 3000		44.9	47.3	57.8	62.4	62.9	66.3	68.0	69.9	71.3	71.6	71.6	72.1	72.7	73.7	75.2
≥ 2500		46.3	48.7	59.2	63.8	64.3	67.7	69.5	71.4	72.8	73.1	73.1	73.6	74.2	75.2	76.7
≥ 2000		46.3	50.8	61.9	66.7	67.3	70.8	72.7	74.5	75.9	76.3	76.3	76.7	77.3	78.4	79.9
≥ 1800		48.5	51.0	62.1	67.0	67.6	71.0	72.9	74.8	76.2	76.5	76.5	77.0	77.6	78.6	80.1
≥ 1500		49.8	52.4	64.0	69.1	69.7	73.4	75.3	77.3	78.7	79.1	79.1	79.5	80.1	81.2	82.7
≥ 1200		51.0	54.1	65.8	71.3	72.0	75.8	77.9	79.9	81.3	81.6	81.6	82.1	82.7	83.7	85.2
≥ 1000		51.6	54.9	66.9	72.4	73.1	77.0	79.1	81.0	82.4	82.8	82.8	83.3	83.8	84.9	86.4
≥ 900		52.1	55.3	67.3	72.9	73.7	77.7	79.9	81.9	83.3	83.6	83.6	84.1	84.7	85.7	87.2
≥ 800		52.3	55.7	67.9	73.7	74.5	79.1	81.3	83.4	84.8	85.1	85.1	85.6	86.2	87.2	88.7
≥ 700		52.3	55.9	68.5	74.7	75.5	80.2	82.4	84.5	85.9	86.3	86.3	86.7	87.3	88.4	89.9
≥ 600		52.3	55.9	68.8	75.2	76.2	80.9	83.3	85.3	86.7	87.1	87.1	87.6	88.1	89.2	90.7
≥ 500		52.7	56.3	69.5	76.3	77.2	82.2	84.8	86.9	88.4	88.7	88.7	89.2	89.8	90.8	92.3
≥ 400		52.7	56.4	69.6	76.5	77.7	82.8	85.8	88.1	89.9	90.2	90.2	90.9	91.5	92.6	94.3
≥ 300		52.7	56.5	70.1	76.9	78.0	83.3	86.5	88.8	90.8	91.3	91.3	92.0	92.9	94.0	96.2
≥ 200		52.7	56.5	70.1	76.9	78.0	83.3	86.5	88.8	91.2	91.6	91.6	92.4	93.6	95.1	97.9
≥ 100		52.7	56.5	70.1	76.9	78.0	83.3	86.5	88.8	91.2	91.7	91.7	92.6	94.0	95.6	99.9
0		52.7	56.5	70.1	76.9	78.0	83.3	86.5	88.8	91.2	91.7	91.7	92.6	94.1	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 860

USAF ETAC (NEW 84) 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

(7562) ALCONBURY RAF UK 73-82 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥⅜ GE0	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING		27.3	27.8	30.8	31.5	31.6	31.9	32.0	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 20000		34.9	35.5	39.9	41.0	41.1	41.6	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 18000		35.0	35.6	40.0	41.1	41.2	41.7	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 16000		35.0	35.6	40.0	41.1	41.2	41.7	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 14000		35.4	35.9	40.3	41.4	41.5	42.1	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 12000		35.6	36.5	40.9	42.0	42.2	42.8	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 11000		37.9	38.8	43.5	44.6	44.8	45.5	45.7	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 9000		39.1	40.0	44.8	45.9	46.1	46.8	47.0	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 8000		43.9	44.8	49.9	51.0	51.3	52.4	52.6	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 7000		44.9	45.9	51.0	52.1	52.4	53.6	54.1	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 6000		45.2	46.1	51.2	52.3	52.6	53.9	54.3	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 5000		47.5	48.6	53.7	55.0	55.3	56.5	56.9	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 4500		50.4	51.5	56.9	58.1	58.5	59.8	60.4	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 4000		54.5	55.7	61.5	62.7	63.0	64.6	65.2	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 3500		59.4	60.7	66.4	67.7	68.1	69.7	70.4	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 3000		64.9	66.2	72.5	73.8	74.1	75.9	76.5	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 2500		66.9	68.2	74.9	76.2	76.5	78.3	79.0	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2000		70.3	71.7	79.2	80.5	80.8	82.6	83.3	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1800		71.1	72.6	80.1	81.4	81.7	83.6	84.3	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1500		74.-	75.6	83.1	84.5	84.8	86.7	87.4	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1200		75.1	76.9	84.8	86.5	86.8	88.7	89.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1000		76.1	78.0	86.2	88.0	88.3	90.2	91.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 900		76.4	78.3	86.9	88.8	89.2	91.3	92.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800		76.5	79.4	87.0	89.1	89.5	91.7	92.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 700		77.3	78.9	87.6	89.8	90.3	92.5	93.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 600		77.2	79.1	88.0	90.2	90.7	93.2	94.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500		77.2	79.3	88.8	91.2	91.7	94.3	95.6	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400		77.3	79.4	88.9	91.3	92.0	94.6	96.3	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300		77.3	79.4	88.9	91.4	92.1	94.7	96.7	98.2	99.1	99.1	99.1	99.1	99.2	99.2	99.2
≥ 200		77.3	79.4	88.9	91.4	92.1	94.7	96.7	98.2	99.3	99.3	99.4	99.7	99.9	99.9	99.9
≥ 100		77.3	79.4	88.9	91.4	92.1	94.7	96.7	98.2	99.3	99.3	99.4	99.7	99.9	100.0	100.0
		77.3	79.4	88.9	91.4	92.1	94.7	96.7	98.2	99.3	99.3	99.4	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION | ALCONBURY RAF UK STATION NAME | 73-82 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12 0-1[illegible] HOURS (LST)

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)														
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1¾ GE2.4	≥1½ GE2.4	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥¼ GE0.8	≥5/16 GE0.5	≥0 GE0.0
[illegible]	28.8	29.7	31.1	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
[illegible]	37.3	38.5	40.9	41.0	41.0	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
[illegible]	37.6	38.8	41.2	41.3	41.3	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
[illegible]	37.6	38.8	41.2	41.3	41.3	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
[illegible]	36.1	39.2	41.6	41.7	41.7	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
[illegible]	35.1	41.3	42.9	43.0	43.0	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
[illegible]	41.2	42.5	45.1	45.2	45.2	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
[illegible]	41.8	43.1	45.9	46.0	46.0	46.3	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
[illegible]	45.5	46.8	49.8	49.9	49.9	50.2	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
[illegible]	46.8	48.1	51.1	51.2	51.2	51.6	52.[illegible]	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
[illegible]	47.[illegible]	48.3	51.3	51.4	51.4	51.8	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
[illegible]	51.4	52.7	56.1	56.3	56.3	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
[illegible]	55.6	57.1	60.6	61.0	61.0	61.4	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
[illegible]	64.[illegible]	65.3	68.9	69.1	69.1	69.4	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
[illegible]	72.4	74.[illegible]	77.8	78.1	78.1	78.6	79.[illegible]	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
[illegible]	79.[illegible]	80.8	84.7	85.1	85.1	85.7	86.2	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6
[illegible]	80.9	82.7	86.8	87.[illegible]	87.3	88.[illegible]	88.5	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8
[illegible]	81.5	83.4	87.9	90.6	90.6	91.4	91.9	92.[illegible]	92.2	92.3	92.3	92.3	92.3	92.3	92.3
[illegible]	84.1	85.9	90.4	91.2	91.2	91.9	92.5	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8
[illegible]	85.3	87.1	92.2	93.2	93.2	94.[illegible]	94.5	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8
[illegible]	86.[illegible]	88.[illegible]	93.1	94.5	94.5	95.5	96.[illegible]	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
[illegible]	86.6	88.5	93.9	95.5	95.5	96.5	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
[illegible]	86.9	88.9	94.4	96.0	96.0	97.[illegible]	97.6	97.7	97.8	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]
[illegible]	86.9	89.[illegible]	94.7	96.5	96.6	97.5	99.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
[illegible]	86.9	89.[illegible]	94.9	96.7	96.8	97.[illegible]	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
[illegible]	86.9	89.0	94.9	96.9	97.[illegible]	98.[illegible]	98.8	99.[illegible]	99.1	99.2	99.2	99.2	99.2	99.2	99.2
[illegible]	87.[illegible]	89.2	95.2	97.1	97.2	98.3	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
[illegible]	87.[illegible]	89.2	95.2	97.1	97.2	98.4	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	87.[illegible]	89.2	95.2	97.1	97.2	98.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	87.[illegible]	89.2	95.2	97.1	97.2	98.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	87.0	89.2	95.2	97.1	97.2	98.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	87.0	89.2	95.2	97.1	97.2	98.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 ALCONBURY RAF UK 73-80 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1510-1700
HOUR (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE40	≥2 GE32	≥1¾ GE24	≥1½ GE20	≥1 GE16	¾ GE12	⅝ GE10	½ GE8	⅜ 5/16 GE5	¼ GE4	0 GE0
		32.4	33.0	33.3	33.4	33.4	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
		38.9	39.7	40.9	41.0	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
		39.0	39.8	41.0	41.1	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
		39.2	40.1	41.3	41.4	41.4	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
		39.4	40.3	41.5	41.7	41.7	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
		40.4	41.3	42.7	42.8	42.8	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
		44.9	45.7	47.1	47.2	47.3	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
		46.7	47.6	49.0	49.1	49.2	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
		51.7	52.7	53.6	53.8	53.9	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
		52.3	53.3	55.0	55.2	55.4	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
		52.4	53.4	55.1	55.4	55.5	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
		58.0	59.1	61.4	61.7	61.9	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
		63.3	64.5	67.1	67.4	67.6	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
		72.9	74.1	77.1	77.5	77.7	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
		78.8	80.2	83.4	83.8	84.1	84.8	84.8	85.1	85.0	85.0	85.0	85.0	85.0	85.0	85.0
		81.9	83.6	87.1	87.4	87.7	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
		83.6	85.5	89.0	89.3	89.6	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
		85.5	87.4	91.4	91.8	92.2	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
		86.1	87.8	91.9	92.4	92.7	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.3
		86.6	88.5	92.9	93.4	93.7	94.7	94.6	95.1	95.0	95.0	95.0	95.0	95.0	95.2	95.3
		87.2	89.1	93.9	94.5	94.8	95.9	96.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
		87.6	89.5	94.6	95.4	95.7	96.8	97.0	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
		87.6	89.6	94.7	95.5	95.8	96.9	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
		87.7	89.8	95.0	95.8	96.1	97.2	97.5	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
		87.7	89.8	95.1	95.9	96.2	97.5	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
		88.0	90.1	95.5	96.4	96.8	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
		88.3	90.2	95.6	96.7	97.1	98.6	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
		88.3	90.2	95.7	96.8	97.2	98.8	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8
		88.3	90.2	95.8	96.9	97.3	98.9	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		88.3	90.2	95.8	96.9	97.3	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		88.3	90.2	95.8	96.9	97.3	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		88.3	90.2	95.8	96.9	97.3	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 905

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7562? ALCONBURY RAF UK 73-82 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOUR (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 ≥16.1	≥6 GE9.7	≥5 GE8.0	≥4 GE6.4	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1¾ GE2.4	≥1½ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥⅜ GE0.8	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0.0
NO CEILING	35.9	37.3	39.6	39.8	39.8	39.8	39.8	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	
≥ 20000	43.3	45.5	48.5	48.9	48.9	48.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	
≥ 18000	43.5	45.8	48.8	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	
≥ 5000	43.6	45.9	48.9	49.3	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	
≥ 4000	43.6	45.9	48.9	49.3	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	
≥ 3500	44.4	46.7	49.7	5..1	50.1	50.1	50.1	50.1	50.2	50.2	5..2	50.2	50.2	50.2	50.2	
≥ 3000	47.2	49.4	52.5	52.8	52.8	52.8	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	
≥ 2500	49.7	52.0	55.1	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	
≥ 2000	54.7	57.4	60.7	61.2	61.2	61.3	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	
≥ 1800	55.7	58.5	62.3	62.8	62.8	62.9	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	
≥ 1600	56.6	59.4	63.2	63.7	63.7	63.8	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	
≥ 1400	61.0	62.8	66.7	67.6	67.6	68.1	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	
≥ 1200	65.3	68.1	72.6	73.5	73.5	74.0	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	
≥ 1000	71.8	74.8	79.6	80.6	80.8	81.5	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	
≥ 900	74.3	77.4	82.6	83.6	83.9	84.5	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	
≥ 800	77.3	81.0	86.3	87.3	87.5	88.1	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	
≥ 700	78.4	82.1	87.4	88.4	88.7	89.3	90.3	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	
≥ 600	79.6	83.2	88.7	89.9	90.2	90.8	92.1	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	
≥ 500	80.1	83.9	89.4	90.8	91.0	91.7	92.9	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
≥ 450	80.3	84.1	90.0	91.6	91.8	92.6	93.8	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
≥ 400	81.0	84.9	91.3	92.8	93.1	94.1	95.5	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
≥ 350	81.1	85.0	91.6	93.1	93.3	94.3	95.7	95.7	96.6	96.7	96.7	96.8	96.8	96.8	96.8	
≥ 300	81.3	85.2	91.8	93.3	93.6	94.6	96.0	96.0	96.8	97.0	97.0	97.1	97.1	97.1	97.1	
≥ 250	81.6	85.9	92.6	94.3	94.6	95.6	97.0	97.0	97.9	98.0	98.0	98.1	98.1	98.1	98.1	
≥ 200	81.7	86.0	92.9	94.5	94.7	95.7	97.1	97.1	98.0	98.1	98.1	98.2	98.2	98.2	98.2	
≥ 150	81.7	86.0	92.9	94.5	94.7	96.2	97.6	97.6	98.5	98.6	98.6	98.7	98.7	98.7	98.7	
≥ 100	81.7	86.0	93.1	94.7	95.0	96.7	98.4	98.5	99.4	99.5	99.5	99.6	99.6	99.6	99.6	
≥ 050	81.7	86.0	93.1	94.8	95.1	97.1	98.7	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	
≥ 000	81.7	86.0	93.1	94.8	95.1	97.0	98.7	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	
≥ 000	81.7	86.0	93.1	94.8	95.1	97.0	98.7	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	
≥ 00	81.7	86.0	93.1	94.8	95.1	97.0	98.7	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	
≥	81.7	86.0	93.1	94.8	95.1	97.0	98.7	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 793

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

03521 ALCONBURY RAF UK 73-80 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥⅜ GE1	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING		45.3	46.6	50.5	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 20000		50.1	52.1	56.5	56.9	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000		50.1	52.1	56.5	56.9	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 14000		50.1	52.1	56.5	56.9	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 10000		50.1	52.1	56.5	56.9	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 9000		50.2	52.2	56.6	57.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 8000		52.7	54.7	59.2	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 7000		54.0	56.0	60.5	61.0	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 6500		56.7	59.1	63.9	64.4	64.9	65.0	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 6000		56.3	61.0	65.9	66.8	67.2	67.3	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 5000		59.2	61.8	66.8	67.6	68.1	68.2	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 4500		62.3	65.0	70.1	71.7	72.1	72.7	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4000		65.2	67.9	73.1	74.7	75.2	76.1	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3500		74.2	73.2	78.2	79.8	80.3	81.1	81.9	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3000		72.1	74.9	80.1	81.7	82.1	83.0	83.7	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2500		74.6	77.5	83.3	84.9	85.3	86.4	87.1	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2000		75.2	78.1	84.0	85.8	86.2	87.2	88.0	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800		75.6	78.8	85.1	86.9	87.4	88.7	89.7	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1600		76.1	79.2	85.6	87.5	88.1	89.4	90.4	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1400		77.1	80.3	86.6	88.5	89.1	90.6	91.7	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1200		78.5	81.7	88.7	90.7	91.3	92.7	93.9	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000		79.0	82.1	89.7	91.7	92.3	93.9	95.1	95.4	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900		79.0	82.1	89.8	91.9	92.5	94.0	95.2	95.5	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800		79.1	82.6	90.4	92.5	93.0	94.9	96.1	96.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5
≥ 700		79.1	82.6	90.4	92.5	93.0	94.9	96.1	96.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5
≥ 600		79.1	82.7	90.6	92.6	93.2	95.6	97.0	97.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4
≥ 500		79.1	82.7	90.7	92.7	93.3	95.9	97.5	97.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0
≥ 400		79.1	82.7	90.9	92.9	93.5	96.2	97.8	98.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
≥ 300		79.1	82.7	90.9	93.3	93.9	96.7	98.3	98.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 200		79.1	82.7	90.9	93.3	93.9	96.7	98.3	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100		79.1	82.7	90.9	93.3	93.9	96.7	98.3	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
0		79.1	82.7	90.9	93.3	93.9	96.7	98.3	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 689

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) ANN (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (GE90)	≥5 (GE80)	≥4 (GE60)	≥3 (GE48)	≥2½ (GE40)	≥2 (GE32)	≥1½ (GE24)	≥1¼ (GE20)	≥1 (GE16)	¾ (GE12)	½ (GE10)	⅜ (GE8)	¼ (GE5)	≥5/16 (GE4)	≥0 (GE0)
NO CEILING		31.9	33.2	36.3	37.0	37.1	38.0	38.4	38.6	38.8	38.9	39.0	39.1	39.2	39.4	39.8
≥ 20000		37.6	39.2	43.0	43.8	44.1	45.1	45.5	45.8	46.0	46.1	46.2	46.3	46.5	46.6	47.0
≥ 18000		37.7	39.4	43.1	44.0	44.2	45.2	45.7	46.0	46.2	46.3	46.3	46.5	46.6	46.8	47.2
≥ 16000		37.8	39.4	43.2	44.1	44.3	45.3	45.8	46.1	46.3	46.3	46.4	46.5	46.7	46.8	47.3
≥ 14000		37.9	39.6	43.3	44.2	44.4	45.4	45.9	46.2	46.4	46.5	46.5	46.7	46.8	47.0	47.4
≥ 12000		38.5	40.2	44.0	44.9	45.1	46.2	46.7	47.0	47.2	47.2	47.3	47.4	47.6	47.7	48.2
≥ 10000		41.2	42.9	47.1	48.0	48.3	49.4	49.9	50.3	50.6	50.6	50.7	50.8	51.0	51.1	51.6
≥ 9000		42.5	44.3	48.5	49.4	49.7	50.8	51.3	51.7	52.0	52.0	52.1	52.2	52.4	52.5	53.0
≥ 8000		46.4	48.3	52.9	54.0	54.3	55.6	56.2	56.6	57.0	57.1	57.2	57.3	57.5	57.7	58.1
≥ 7000		47.5	49.5	54.3	55.4	55.8	57.2	57.8	58.3	58.7	58.7	58.8	59.0	59.2	59.3	59.7
≥ 6000		47.9	49.8	54.6	55.8	56.1	57.5	58.2	58.6	59.0	59.1	59.2	59.3	59.5	59.7	60.1
≥ 5000		50.9	52.9	58.0	59.4	59.7	61.2	61.9	62.4	62.8	62.9	63.0	63.1	63.3	63.5	63.9
≥ 4500		54.8	56.9	62.3	63.6	64.0	65.6	66.3	66.7	67.2	67.3	67.4	67.5	67.7	67.8	68.3
≥ 4000		60.2	62.3	68.0	69.5	69.9	71.6	72.3	72.9	73.5	73.5	73.6	73.8	74.0	74.1	74.6
≥ 3500		64.1	66.4	72.3	73.9	74.3	76.1	76.9	77.5	78.1	78.1	78.2	78.4	78.6	78.8	79.2
≥ 3000		67.4	69.9	76.2	77.8	78.2	80.1	80.9	81.6	82.1	82.2	82.3	82.5	82.7	82.9	83.3
≥ 2500		68.7	71.2	77.7	79.3	79.8	81.7	82.5	83.1	83.8	83.9	84.0	84.2	84.4	84.5	85.0
≥ 2000		71.7	73.4	80.3	82.1	82.5	84.6	85.5	86.1	86.7	86.8	86.9	87.1	87.3	87.5	87.9
≥ 1800		71.2	73.9	80.9	82.7	83.1	85.2	86.1	86.7	87.3	87.4	87.5	87.7	87.9	88.1	88.5
≥ 1500		72.4	75.1	82.5	84.4	84.8	86.9	87.9	88.6	89.2	89.3	89.4	89.6	89.8	89.9	90.4
≥ 1200		73.3	76.2	83.9	86.1	86.5	88.7	89.7	90.4	91.0	91.1	91.2	91.4	91.6	91.7	92.2
≥ 1000		73.8	76.7	84.8	87.0	87.4	89.7	90.8	91.4	92.1	92.3	92.4	92.6	92.8	92.9	93.4
≥ 900		74.1	77.0	85.2	87.4	87.9	90.2	91.3	92.0	92.7	92.9	92.9	93.1	93.3	93.5	94.0
≥ 800		74.2	77.3	85.6	87.9	88.4	90.9	92.0	92.7	93.4	93.6	93.7	93.9	94.1	94.2	94.7
≥ 700		74.3	77.4	85.8	88.2	88.8	91.3	92.5	93.2	93.9	94.0	94.2	94.4	94.6	94.7	95.2
≥ 600		74.3	77.5	86.3	88.7	89.3	92.0	93.3	94.0	94.8	94.9	95.0	95.2	95.4	95.6	96.0
≥ 500		74.4	77.7	86.7	89.3	89.9	92.7	94.2	94.9	95.8	95.9	96.0	96.2	96.4	96.6	97.0
≥ 400		74.4	77.7	86.8	89.5	90.1	93.1	94.7	95.7	96.7	96.9	97.0	97.3	97.5	97.7	98.2
≥ 300		74.4	77.7	86.9	89.6	90.3	93.4	95.1	96.2	97.2	97.4	97.5	97.8	98.1	98.3	98.9
≥ 200		74.4	77.7	86.9	89.6	90.3	93.4	95.2	96.2	97.4	97.6	97.8	98.1	98.5	98.8	99.5
≥ 100		74.4	77.7	86.9	89.6	90.3	93.5	95.2	96.2	97.4	97.6	97.8	98.2	98.6	98.9	100.0
0		74.4	77.7	86.9	89.6	90.3	93.5	95.2	96.2	97.4	97.6	97.8	98.2	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6880

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

25621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-80 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-2200 (HOUR LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2 GE40	≥2 GE32	≥1 GE24	≥1 GE2	≥1 GE16	≥ GE12	≥ GE10	≥ GE8	≥ GE5	≥ GE4	≥0 GE0
NO CEILING		31.7	33.5	37.9	39.9	41.1	42.3	43.4	44.3	44.6	45.0	45.0	45.2	45.4	45.5	45.5
≥ 20000		36.2	38.3	43.0	45.0	45.2	47.4	48.5	49.4	49.7	50.1	50.1	50.3	50.5	50.6	50.6
≥ 18000		36.6	38.6	43.4	45.4	45.5	47.7	48.8	49.7	50.1	50.5	50.5	50.6	50.8	51.0	51.0
≥ 6000		36.6	38.6	43.4	45.4	45.5	47.7	48.8	49.7	50.1	50.5	50.5	50.6	50.8	51.0	51.0
≥ 4000		36.6	38.6	43.4	45.4	45.5	47.7	48.8	49.7	50.1	50.5	50.5	50.6	50.8	51.0	51.0
≥ 2000		36.6	38.6	43.4	45.4	45.5	47.7	49.0	49.9	50.3	50.6	50.6	50.8	51.0	51.2	51.2
≥ 10000		37.3	39.5	44.4	46.4	46.6	48.8	50.5	51.4	51.7	52.1	52.1	52.3	52.5	52.6	52.6
≥ 9000		38.3	40.4	45.4	47.4	47.7	50.3	51.9	52.8	53.2	53.6	53.6	53.7	53.9	54.1	54.1
≥ 8000		43.7	46.1	51.2	53.2	53.6	56.1	57.9	58.8	59.4	59.7	59.7	59.9	60.1	60.3	60.3
≥ 7000		44.6	47.2	52.3	54.3	54.6	57.4	59.4	60.3	60.8	61.2	61.2	61.6	61.7	61.9	61.9
≥ 6000		46.5	48.1	53.4	55.4	55.7	58.7	60.8	61.7	62.3	62.7	62.7	63.0	63.2	63.4	63.4
≥ 5000		47.7	50.3	56.3	58.3	58.7	61.7	63.9	64.8	65.4	65.8	65.8	66.1	66.3	66.5	66.5
≥ 4500		50.6	53.4	59.9	61.9	62.3	65.4	67.6	68.5	69.0	69.4	69.4	69.8	69.9	70.1	70.1
≥ 4000		54.1	56.6	63.4	65.4	65.8	68.9	71.4	72.3	72.9	73.2	73.2	73.6	73.8	74.0	74.0
≥ 3500		58.3	61.0	68.7	70.7	71.0	74.1	76.7	77.6	78.1	78.5	78.5	78.9	79.1	79.2	79.2
≥ 3000		60.1	63.0	71.2	73.4	73.8	77.6	80.1	81.1	81.6	82.0	82.0	82.3	82.5	82.7	82.7
≥ 2500		61.6	64.5	73.4	75.6	76.0	79.8	82.3	83.2	83.8	84.2	84.2	84.5	84.7	84.9	84.9
≥ 2000		64.1	67.2	76.3	78.5	79.1	82.9	85.4	86.5	87.1	87.4	87.4	87.8	88.0	88.2	88.2
≥ 1800		64.5	67.8	76.9	79.1	79.6	83.6	86.2	87.2	87.8	88.2	88.2	88.5	88.7	88.9	88.9
≥ 1500		66.3	69.6	79.2	81.4	82.0	86.0	88.7	89.8	90.3	90.9	90.9	91.3	91.4	91.6	91.6
≥ 1200		67.6	71.0	80.7	82.9	83.4	87.4	90.3	91.4	92.0	92.5	92.5	92.9	93.1	93.3	93.3
≥ 1000		69.2	72.9	82.7	84.9	85.4	89.4	92.3	93.4	94.2	94.7	94.7	95.1	95.3	95.4	95.4
≥ 900		69.6	73.2	83.2	85.4	86.2	90.2	93.1	94.2	94.9	95.4	95.4	95.8	96.0	96.2	96.2
≥ 800		70.1	73.8	83.8	86.0	86.7	90.7	93.6	94.7	95.4	96.0	96.0	96.4	96.5	96.7	96.7
≥ 700		70.3	74.3	84.3	86.5	87.2	91.3	94.2	95.3	96.2	96.7	96.7	97.1	97.3	97.4	97.4
≥ 600		70.3	74.3	84.5	86.9	87.6	91.6	94.7	95.8	96.7	97.3	97.3	97.6	97.8	98.0	98.0
≥ 500		70.5	74.5	84.9	87.6	88.3	92.5	95.6	96.7	97.6	98.2	98.2	98.5	98.7	98.9	98.9
≥ 400		70.5	74.7	85.6	88.3	89.1	93.3	96.4	97.6	98.5	99.1	99.1	99.5	99.6	99.8	99.8
≥ 300		70.5	74.7	85.6	88.3	89.1	93.3	96.4	97.6	98.5	99.1	99.1	99.5	99.6	99.8	99.8
≥ 200		70.5	74.7	85.6	88.3	89.1	93.3	96.4	97.6	98.5	99.1	99.1	99.5	99.8	100.0	100.0
≥ 100		70.5	74.7	85.6	88.3	89.1	93.3	96.4	97.6	98.5	99.1	99.1	99.5	99.8	100.0	100.0
0		70.5	74.7	85.6	88.3	89.1	93.3	96.4	97.6	98.5	99.1	99.1	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 549

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75521 ALCONBURY RAF UK 73-82 SEP
STATION NUMBER STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOUR (LST)

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16.1	≥6 GE9.7	≥5 GE8.0	≥4 GE6.4	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥⅝ GE1.0	≥½ GE0.8	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0
	30.3	31.8	35.7	36.7	37.1	39.5	40.8	40.8	42.4	42.9	43.3	44.0	44.3	44.7	45.4	
	33.0	35.3	39.7	40.7	41.2	43.8	45.1	45.1	46.7	47.2	47.6	48.4	48.7	49.0	49.8	
	33.0	35.3	39.7	40.7	41.2	43.8	45.1	45.1	46.7	47.2	47.6	48.4	48.7	49.0	49.8	
	33.0	35.3	39.7	40.7	41.2	43.8	45.1	45.1	46.7	47.2	47.6	48.4	48.7	49.0	49.8	
	33.0	35.3	39.7	40.7	41.2	43.8	45.1	45.1	46.7	47.2	47.6	48.4	48.7	49.0	49.8	
	33.0	35.3	39.9	40.9	41.5	44.0	45.3	45.3	47.0	47.5	47.9	48.7	48.9	49.3	50.1	
	34.4	37.0	41.8	42.9	43.4	46.0	47.2	47.4	49.0	49.9	50.3	51.1	51.3	51.7	52.5	
	35.0	37.7	42.6	43.6	44.2	46.7	48.3	48.5	50.2	51.1	51.5	52.2	52.5	52.9	53.7	
	41.3	43.0	48.0	49.0	49.6	52.2	53.8	54.0	56.1	57.0	57.4	58.2	58.4	58.8	59.6	
	41.9	43.6	48.8	49.8	50.3	53.3	54.6	54.8	56.9	57.8	58.2	58.9	59.2	59.6	60.3	
	41.3	44.1	49.4	50.4	51.0	53.9	55.5	55.7	57.8	58.7	59.1	59.8	60.1	60.5	61.2	
	42.9	45.7	51.9	53.0	53.5	56.5	58.4	58.8	61.8	61.7	62.1	62.9	63.2	63.5	64.3	
	45.2	48.1	54.6	55.7	56.2	59.3	61.2	61.6	63.7	64.6	65.0	65.7	66.0	66.5	67.3	
	49.6	53.0	60.1	61.2	61.7	64.8	66.8	67.1	69.2	70.1	70.5	71.2	71.5	72.0	72.8	
	52.0	56.2	64.1	65.2	65.7	68.9	70.9	71.2	73.3	74.2	74.6	75.4	75.6	76.1	76.9	
	53.8	58.2	66.9	68.0	68.5	71.8	73.7	74.1	76.1	77.0	77.4	78.3	78.6	79.1	79.8	
	54.6	58.9	68.0	69.2	69.7	73.0	75.0	75.4	77.4	78.3	78.7	79.6	79.8	80.4	81.1	
	56.9	61.5	71.4	72.8	73.4	76.8	78.7	79.1	81.1	82.0	82.4	83.3	83.6	84.1	84.9	
	57.5	62.1	72.0	73.4	74.1	77.4	79.3	79.7	81.8	82.7	83.1	84.0	84.2	84.7	85.5	
	59.9	64.8	74.7	76.1	76.8	80.1	82.2	82.5	84.6	85.5	85.9	86.9	87.3	87.8	88.6	
	61.5	66.4	76.4	77.9	78.6	82.2	84.2	84.6	86.6	87.7	88.2	89.2	89.6	90.1	90.9	
	63.0	67.9	77.9	79.5	80.1	83.7	85.8	86.1	88.3	89.3	89.9	90.9	91.3	91.8	92.6	
	63.2	68.0	78.6	80.1	80.7	84.5	86.5	86.9	89.1	90.1	90.6	91.7	92.0	92.6	93.3	
	64.2	69.4	80.4	81.9	82.5	86.3	88.3	88.7	90.9	91.9	92.4	93.5	93.8	94.4	95.1	
	64.6	69.8	80.9	82.4	83.1	86.8	88.8	89.2	91.5	92.6	93.1	94.1	94.5	95.0	95.8	
	64.6	69.8	80.9	82.4	83.1	86.9	89.1	89.6	91.9	92.9	93.5	94.5	94.9	95.4	96.3	
	64.6	69.8	80.9	82.8	83.4	87.3	89.6	90.2	92.6	93.6	94.1	95.1	95.5	96.0	96.9	
	64.7	70.0	81.4	83.4	84.1	87.9	90.5	91.1	93.5	94.5	95.0	96.0	96.4	96.9	97.9	
	64.7	70.0	81.4	83.4	84.1	87.9	90.6	91.3	93.6	94.6	95.1	96.1	96.5	97.0	98.5	
	64.7	70.0	81.4	83.4	84.1	87.9	90.9	91.5	93.8	94.9	95.4	96.4	96.8	97.9	99.5	
	64.7	70.0	81.4	83.4	84.1	87.9	91.0	91.7	94.0	95.0	95.5	96.5	96.9	98.1	99.7	
	64.7	70.0	81.4	83.4	84.1	87.9	91.0	91.7	94.0	95.0	95.5	96.5	96.9	98.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 779

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

(7)5621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-8? (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16?	≥6 GE9?	≥5 GE8?	≥4 GE6?	≥3 GE48	≥2? GE4?	≥2 GE32	≥1? GE24	≥1. GE2?	≥1 GE16	≥¾ GE12	≥⅝ GE10	≥½ GE08	≥5/16 GE05	≥. GE04	≥0 GE0
NO CEILING	24.2	25.4	30.3	32.2	32.5	33.9	35.?	35.6	36.6	36.8	36.9	37.3	38.6	39.4	40.5	
≥ 20000	27.8	29.0	34.6	37.0	37.5	39.2	40.5	41.1	42.1	42.3	42.5	43.?	44.4	45.2	46.3	
≥ 18000	27.8	29.0	34.6	37.0	37.5	39.2	40.5	41.1	42.1	42.3	42.5	43.?	44.4	45.2	46.3	
≥ 17000	27.8	29.?	34.6	37.0	37.5	39.2	40.5	41.1	42.1	42.3	42.5	43.0	44.4	45.2	46.3	
≥ 14000	28.?	29.2	34.8	37.3	37.8	39.5	40.7	41.3	42.3	42.5	42.8	43.3	44.6	45.5	46.6	
≥ 12000	28.1	29.3	35.?	37.5	38.0	39.7	41.0	41.6	42.5	42.8	43.?	43.5	44.9	45.7	46.8	
≥ 10000	30.1	31.4	37.2	40.0	40.5	42.2	43.4	44.?	45.0	45.2	45.5	46.?	47.3	48.2	49.3	
≥ 9000	31.2	32.6	38.4	41.2	41.7	43.6	44.9	45.5	46.5	46.7	46.9	47.4	48.8	49.6	5?.7	
≥ 8000	35.2	36.7	42.8	45.7	46.6	48.7	49.9	50.6	51.7	52.0	52.2	52.7	54.2	55.?	56.1	
≥ 7000	36.1	37.7	43.9	46.8	47.7	49.8	51.0	51.7	52.8	53.1	53.3	53.8	55.3	56.1	57.2	
≥ 6000	36.1	37.7	44.0	46.9	47.8	5?.1	51.3	52.1	53.2	53.4	53.7	54.2	55.6	56.5	57.6	
≥ 5000	36.9	38.8	45.4	48.9	49.8	52.7	54.0	54.8	56.0	56.2	56.5	57.?	58.4	59.3	60.4	
≥ 4500	39.6	41.6	48.7	52.2	53.1	56.2	57.6	58.3	59.5	59.8	6?.?	60.5	62.1	63.?	64.1	
≥ 4000	43.2	45.2	53.2	56.7	57.6	61.1	62.6	63.3	64.5	64.8	65.0	65.5	67.4	68.2	69.3	
≥ 3500	45.4	47.4	55.5	59.?	59.9	63.4	64.9	65.6	66.9	67.1	67.4	67.8	69.7	70.5	71.6	
≥ 3000	48.2	5?.2	58.3	62.1	63.?	66.6	68.1	68.8	7?.3	7?.5	7?.8	71.4	73.2	74.1	75.2	
≥ 2500	49.3	51.5	60.1	63.9	64.8	68.5	69.9	70.7	72.1	72.4	72.6	73.2	75.1	75.9	77.0	
≥ 2000	52.8	55.3	64.5	68.3	69.2	73.1	74.8	75.7	77.4	77.6	77.9	78.5	80.3	81.2	82.3	
≥ 1800	53.2	55.6	64.9	68.7	69.6	73.5	75.2	76.2	77.9	78.1	78.4	79.0	80.8	81.7	82.8	
≥ 1500	55.1	57.6	67.5	71.5	72.4	76.4	78.2	79.2	81.1	81.3	81.5	82.2	84.0	84.8	85.9	
≥ 1200	56.1	58.6	68.6	72.7	73.6	77.8	79.6	80.6	82.5	62.8	83.0	83.6	85.5	86.3	87.4	
≥ 1000	57.3	59.8	70.0	74.2	75.1	79.3	81.3	62.5	84.6	84.8	85.1	85.7	87.5	88.4	89.5	
≥ 900	57.9	60.4	70.8	74.9	75.8	80.1	82.0	83.3	85.3	85.6	85.8	86.4	88.3	89.1	90.2	
≥ 800	58.7	61.2	71.8	75.9	76.8	81.2	83.1	84.4	86.4	86.7	86.9	87.5	89.4	90.2	91.3	
≥ 700	59.4	62.?	72.5	76.7	77.5	81.9	84.0	85.5	87.5	87.8	88.0	88.6	90.5	91.3	92.4	
≥ 600	59.7	62.2	72.9	77.0	77.9	82.4	84.5	86.1	88.3	88.5	88.8	89.4	91.2	92.2	93.3	
≥ 500	59.8	62.3	73.2	77.4	78.4	83.3	85.6	87.2	89.5	89.7	9?.2	91.1	92.9	93.9	95.1	
≥ 400	59.8	62.3	73.6	77.9	79.0	84.2	86.7	88.6	91.3	91.6	92.1	93.?	94.9	95.8	97.3	
≥ 300	59.8	62.3	73.7	78.0	79.1	84.4	86.8	88.9	91.7	91.9	92.4	93.4	95.5	96.6	98.3	
≥ 200	59.8	62.3	73.7	78.1	79.2	84.5	86.9	89.?	91.9	92.2	92.7	93.6	95.7	97.1	99.4	
≥ 100	59.8	62.3	73.7	78.1	79.2	84.5	86.9	89.?	91.9	92.2	92.7	93.6	95.7	97.1	99.6	
	59.8	62.3	73.7	78.1	79.2	84.5	86.9	89.?	91.9	92.2	92.7	93.6	95.7	97.1	?0.0	

TOTAL NUMBER OF OBSERVATIONS 818

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03621 ALCONBURY RAF UK 73-82 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOUR LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥⅝ GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE0
NO CEILING		34.5	35.1	38.0	39.1	39.1	39.9	40.1	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 20000		41.8	42.6	46.0	47.3	47.3	48.2	48.4	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 18000		41.8	42.6	46.0	47.3	47.3	48.2	48.4	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 16000		41.8	42.6	46.0	47.3	47.3	48.2	48.4	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 14000		42.0	42.8	46.2	47.5	47.5	48.4	48.7	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 12000		42.6	43.4	46.9	48.2	48.2	49.1	49.4	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 10000		44.6	45.5	49.2	50.6	50.6	51.6	51.8	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 9000		45.4	46.3	50.1	51.6	51.6	52.5	52.7	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 8000		49.9	51.0	55.2	56.9	56.9	58.0	58.2	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 7000		51.5	51.6	55.8	57.5	57.5	58.6	58.8	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 6000		50.5	51.6	55.9	57.6	57.6	58.7	58.9	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 5000		52.6	53.7	58.2	60.2	60.2	61.3	61.5	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 4500		55.1	56.1	61.0	63.0	63.0	64.1	64.3	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 4000		56.2	59.0	64.3	66.3	66.3	67.3	67.6	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 3500		61.5	62.5	68.0	70.0	70.0	71.1	71.3	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3000		65.7	66.7	72.7	74.7	74.7	75.8	76.1	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2500		66.9	67.9	74.0	76.0	76.0	77.1	77.4	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2000		70.1	71.3	78.1	80.0	80.0	81.2	81.6	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1800		71.6	71.8	78.8	80.9	80.9	82.0	82.4	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1500		73.7	75.1	82.6	84.8	84.8	86.0	86.7	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1200		76.0	77.4	85.3	87.6	87.6	89.0	89.7	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1000		77.4	79.0	87.2	89.5	89.5	91.0	91.7	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 900		77.6	79.2	87.6	90.3	90.3	91.8	92.5	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800		78.6	80.5	88.9	91.8	91.8	93.6	94.3	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700		78.9	80.7	89.5	92.5	92.5	94.5	95.4	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600		79.0	80.9	90.0	93.1	93.1	95.2	96.3	96.8	97.4	97.4	97.4	97.5	97.7	97.7	97.7
≥ 500		79.0	80.9	90.4	93.6	93.6	95.7	96.8	97.5	98.1	98.1	98.1	98.2	98.4	98.4	98.4
≥ 400		79.1	81.1	90.6	94.0	94.0	96.1	97.3	98.0	98.6	98.6	98.6	98.7	98.9	98.9	98.9
≥ 300		79.1	81.1	90.8	94.0	94.0	96.3	97.5	98.2	98.8	98.8	98.8	98.9	99.2	99.2	99.3
≥ 200		79.1	81.1	90.8	94.0	94.0	96.3	97.5	98.2	98.8	98.8	98.8	99.1	99.3	99.3	99.6
≥ 100		79.1	81.1	90.8	94.0	94.0	96.3	97.5	98.2	98.8	98.8	98.8	99.1	99.3	99.3	99.6
≥ 0		79.1	81.1	90.8	94.0	94.0	96.3	97.5	98.2	98.8	98.8	98.8	99.1	99.3	99.4	0.0

TOTAL NUMBER OF OBSERVATIONS 857

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03521 | ALCONBURY RAF UK (STATION / STATION NAME) | 73-82 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	¾ GE12	½ GE10	≥⅜ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE0
NO CEILING	32.3	33.3	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
20000	44.2	45.4	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4
18000	44.5	45.8	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7
16000	44.6	45.9	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8
14000	44.6	45.9	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8
12000	46.5	47.7	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.7	49.7	49.7	49.7	49.7	49.7
10000	49.5	50.9	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0
9000	50.1	51.5	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5
8000	54.0	55.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8
7000	54.3	55.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1
6000	54.3	55.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1
5000	57.7	59.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8
4500	60.8	62.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0
4000	67.2	69.3	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9
3500	74.4	76.5	78.8	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3
3000	79.1	81.2	83.5	83.8	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0
2500	82.4	84.6	87.0	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
2000	85.4	87.5	90.0	90.3	90.3	90.5	90.5	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
1800	86.2	88.3	91.0	91.2	91.2	91.5	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
1500	88.6	90.7	93.6	94.2	94.2	94.5	94.6	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
1200	90.0	92.3	95.3	95.9	95.9	96.2	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
1000	90.5	92.9	96.0	96.6	96.6	96.9	97.0	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
900	91.1	93.5	96.6	97.1	97.1	97.5	97.6	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
800	91.3	93.8	97.0	97.6	97.6	97.9	98.1	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
700	91.4	93.9	97.1	97.7	97.7	98.1	98.3	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
600	91.5	94.1	97.4	97.9	97.9	98.3	98.7	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
500	91.5	94.1	97.4	98.1	98.1	98.4	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
400	91.5	94.1	97.4	98.1	98.1	98.4	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
300	91.5	94.1	97.4	98.1	98.1	98.4	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	91.5	94.1	97.4	98.1	98.1	98.4	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100	91.5	94.1	97.4	98.1	98.1	98.4	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
0	91.5	94.1	97.4	98.1	98.1	98.4	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 874

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

235621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1¾ GE2.4	≥1½ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥¼ GE0.8	≥5/16 GE0.5	≥0 GE0.4	≥0 GE0
CEILING UNLIMITED	33.8	34.7	35.5	35.6	35.6	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
20000	44.0	45.0	46.0	46.1	46.1	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
10000	44.1	45.1	46.1	46.3	46.3	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
5000	44.1	45.1	46.1	46.3	46.3	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
4000	44.6	45.6	46.6	46.7	46.7	46.7	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
3000	45.6	46.5	47.8	47.9	47.9	47.9	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
2500	51.6	52.6	54.3	54.4	54.4	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
2000	53.4	54.3	56.2	56.3	56.3	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
1800	56.0	59.1	61.5	61.6	61.6	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
1500	59.6	62.8	63.2	63.3	63.3	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
1000	59.7	62.9	63.3	63.5	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
900	63.5	64.8	67.2	67.3	67.3	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
800	69.7	71.0	73.5	73.7	73.7	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
700	75.1	76.3	79.2	79.4	79.5	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
600	82.7	84.1	87.1	87.4	87.5	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
500	86.8	88.2	91.5	91.7	91.8	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
400	86.6	90.0	93.6	93.8	93.9	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
300	85.9	91.3	95.0	95.2	95.3	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
200	91.4	91.8	95.4	95.7	95.8	96.0	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
150	91.3	92.7	96.5	96.7	96.8	97.2	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
100	91.7	93.2	97.0	97.2	97.3	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	99.1	98.1	
50	92.0	93.6	97.3	97.5	97.7	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
0	92.2	93.7	97.5	97.8	97.9	98.2	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
	92.4	93.9	97.8	98.0	98.1	98.5	98.8	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
	92.4	93.9	97.8	98.0	98.1	98.6	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
	92.4	93.9	97.8	98.0	98.2	98.7	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
	92.5	94.0	97.9	98.1	98.4	98.8	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	
	92.7	94.3	98.1	98.4	98.6	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	92.7	94.3	98.1	98.4	98.6	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	92.7	94.3	98.1	98.4	98.6	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	92.7	94.3	98.1	98.4	98.6	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	92.7	94.3	98.1	98.4	98.6	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 458

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03621 ALCONBURY RAF UK 73-87 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOUR

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16.1	≥6 GE9.7	≥5 GE8.0	≥4 GE6.4	≥3 GE4.8	≥2 GE4.0	≥2 GE3.2	≥1 GE2.4	≥1 GE2.0	≥1 GE1.6	≥1 GE1.2	≥1 GE1.0	≥ GE0.8	≥5/16 GE0.5	≥ GE0.4	≥0 GE0.
NO CEILING	34.3	36.2	39.2	39.4	39.4	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 20000	43.2	45.4	48.6	48.8	48.8	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 18000	43.2	45.4	48.6	48.8	48.8	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 6000	43.2	45.4	48.6	48.8	48.8	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 4000	43.7	45.9	49.2	49.3	49.3	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 3000	44.4	46.6	49.9	50.0	50.0	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 2500	48.5	50.8	54.5	54.6	54.6	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 2000	50.4	52.7	56.5	56.7	56.7	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 1800	55.2	57.5	62.1	62.3	62.3	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 1500	56.5	58.9	63.5	63.8	63.8	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 1000	57.4	59.7	64.3	64.6	64.6	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 900	59.5	62.0	67.2	67.4	67.4	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 800	64.9	67.3	73.3	73.6	73.6	74.1	74.3	74.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 700	69.9	72.5	79.0	79.3	79.3	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 600	75.1	77.8	85.4	85.7	85.7	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 500	78.3	81.3	89.2	89.5	89.5	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 400	80.0	83.1	91.7	92.0	92.0	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 300	81.7	85.1	93.7	94.1	94.1	95.0	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4
≥ 200	81.9	85.3	93.9	94.3	94.3	95.4	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8
< 200	82.2	85.6	94.3	94.7	94.7	95.9	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
	83.1	86.6	95.6	96.0	96.0	97.4	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
	83.1	86.6	95.8	96.2	96.2	97.5	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
	83.3	86.8	95.9	96.3	96.3	97.7	98.2	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
	83.4	87.2	96.6	97.0	97.0	98.4	98.9	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
	83.5	87.3	96.7	97.1	97.1	98.6	99.2	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
	83.5	87.3	96.7	97.1	97.1	98.6	99.2	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
	83.5	87.3	96.7	97.1	97.1	98.8	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	83.5	87.3	96.7	97.1	97.1	98.8	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	83.5	87.3	96.7	97.1	97.1	98.8	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	83.5	87.3	96.7	97.1	97.1	98.8	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	83.5	87.3	96.7	97.1	97.1	98.8	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	83.5	87.3	96.7	97.1	97.1	98.8	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 734

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

03621 ALCONBURY RAF UK 73-82 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21.0-2300
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 ≥16	≥6 GE9.7	≥5 GE8.0	≥4 GE6.4	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1¾ GE2.4	≥1½ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥¼ GE0.8	≥5/16 GE0.5	≥0 GE0.4	≥0 GE0
NO CEILING		40.2	42.5	48.0	49.6	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 20000		45.8	48.2	53.8	55.4	55.6	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 18000		45.8	48.2	53.8	55.4	55.6	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 6000		45.8	48.2	53.8	55.4	55.6	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000		45.6	48.2	53.8	55.4	55.6	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 5000		46.3	48.7	54.3	55.9	56.2	56.4	56.4	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 12000		49.6	52.0	58.1	59.8	60.0	60.3	60.3	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 9000		50.7	53.1	59.2	60.9	61.1	61.4	61.4	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 8000		53.8	56.2	62.8	64.5	64.7	65.1	65.1	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 7000		54.3	56.7	63.4	65.1	65.3	65.8	65.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 6000		54.9	57.3	65.0	66.7	66.9	67.3	67.3	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 5000		56.7	59.2	67.3	69.1	69.2	69.7	69.7	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 4500		60.4	63.1	71.4	73.2	73.3	73.8	73.8	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4000		64.8	68.1	77.2	79.0	79.1	79.6	79.6	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3500		68.3	71.7	81.9	83.8	84.0	84.5	84.5	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000		72.3	75.9	85.1	87.3	87.4	87.9	87.9	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500		71.4	75.5	87.0	89.2	89.3	89.8	89.8	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000		73.6	78.0	89.6	91.8	92.0	92.5	92.5	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1800		73.8	78.2	89.6	92.0	92.2	92.6	92.6	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1500		75.4	80.1	91.8	94.0	94.2	94.7	94.7	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200		75.8	80.7	92.8	95.0	95.1	95.6	95.6	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000		76.5	81.3	93.7	95.9	96.1	96.7	96.7	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900		77.1	81.9	94.3	96.7	96.9	97.5	97.5	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800		77.2	82.1	94.5	96.9	97.0	97.6	97.6	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700		77.4	82.3	94.7	97.2	97.3	98.0	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		77.4	82.3	94.7	97.3	97.5	98.1	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		77.7	82.6	95.0	97.8	98.0	98.6	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		78.0	82.9	95.3	98.1	98.3	98.9	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		78.0	82.9	95.3	98.1	98.3	98.9	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		78.0	82.9	95.3	98.1	98.3	98.9	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		78.0	82.9	95.3	98.1	98.3	98.9	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		78.0	82.9	95.3	98.1	98.3	98.9	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 637

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (≥9.7)	≥5 (≥8.0)	≥4 (≥6.4)	≥3 (≥4.8)	≥2½ (≥4.0)	≥2 (≥3.2)	≥1¾ (≥2.4)	≥1½ (≥2.2)	≥1 (≥1.6)	≥¾ (≥1.2)	≥½ (≥1.0)	≥¼ (≥0.8)	≥0 (≥0.5)	≥0 (≥0.4)	≥0 (≥0.0)
NO CEILING	32.5	33.8	37.1	38.0	38.1	39.0	39.5	39.7	40.1	40.2	40.3	40.4	40.7	40.8	40.8	41.1
20000	39.5	41.1	44.7	45.7	45.9	46.9	47.4	47.6	48.0	48.1	48.2	48.4	48.6	48.8	48.8	49.1
≥ 18000	39.6	41.2	44.8	45.8	46.0	47.0	47.5	47.7	48.1	48.2	48.3	48.5	48.7	48.9	48.9	49.2
18000	39.6	41.2	44.8	45.8	46.0	47.0	47.5	47.7	48.1	48.3	48.3	48.5	48.8	48.9	48.9	49.2
≥ 14000	39.8	41.4	45.0	46.0	46.2	47.2	47.7	47.9	48.3	48.5	48.5	48.7	49.0	49.1	49.1	49.4
14000	40.5	42.2	45.7	46.8	46.9	47.9	48.4	48.7	49.1	49.2	49.3	49.5	49.7	49.9	50.2	
≥ 10000	43.4	45.1	49.0	50.1	50.3	51.3	51.8	52.1	52.5	52.7	52.8	53.0	53.2	53.4	53.6	
9000	44.5	46.2	50.2	51.3	51.5	52.5	53.1	53.4	53.8	54.0	54.1	54.3	54.5	54.7	54.9	
≥ 8000	48.9	50.7	55.1	56.3	56.5	57.6	58.2	58.6	59.1	59.3	59.4	59.5	59.8	60.0	60.2	
7000	49.8	51.6	56.0	57.2	57.5	58.6	59.2	59.6	60.1	60.3	60.4	60.6	60.8	61.0	61.2	
6000	51.1	51.9	56.5	57.7	58.0	59.2	59.8	60.2	60.7	60.9	61.0	61.2	61.4	61.6	61.8	
5000	52.3	54.3	59.3	60.6	60.8	62.1	62.9	63.3	63.7	63.9	64.0	64.2	64.5	64.7	64.9	
4500	55.9	59.0	63.3	64.6	64.8	66.2	66.9	67.3	67.8	68.0	68.1	68.3	68.6	68.7	69.0	
4000	60.4	62.7	68.4	69.8	70.0	71.5	72.2	72.6	73.1	73.3	73.4	73.6	73.9	74.1	74.3	
3500	65.0	67.4	73.7	75.0	75.3	76.8	77.5	77.9	78.4	78.6	78.7	78.9	79.2	79.4	79.6	
3000	68.2	71.7	77.4	78.8	79.1	80.6	81.4	81.8	82.4	82.5	82.6	82.9	83.2	83.3	83.6	
2500	69.8	73.4	79.4	80.9	81.1	82.7	83.5	83.9	84.4	84.6	84.7	84.9	85.2	85.4	85.7	
2000	72.3	75.9	82.4	83.9	84.2	85.9	86.7	87.1	87.7	87.9	88.0	88.3	88.6	88.8	89.0	
1800	72.7	75.5	82.9	84.4	84.7	86.5	87.3	87.7	88.3	88.5	88.6	88.9	89.2	89.4	89.6	
1500	74.6	77.4	85.2	86.8	87.1	88.8	89.8	90.2	90.9	91.1	91.2	91.5	91.8	92.0	92.2	
1200	75.8	78.7	86.6	88.3	88.5	90.4	91.4	91.9	92.5	92.8	92.9	93.1	93.4	93.6	93.9	
1000	76.6	79.6	87.7	89.4	89.6	91.6	92.6	93.1	93.8	94.1	94.2	94.4	94.7	94.9	95.2	
900	77.0	80.0	88.2	89.9	90.2	92.2	93.2	93.7	94.5	94.7	94.8	95.1	95.4	95.6	95.8	
800	77.5	80.7	89.0	90.7	91.0	93.0	94.1	94.6	95.4	95.6	95.7	96.0	96.3	96.5	96.7	
700	77.8	80.9	89.3	91.1	91.4	93.5	94.6	95.1	96.0	96.2	96.3	96.6	96.9	97.1	97.3	
600	77.8	81.0	89.5	91.3	91.6	93.8	95.0	95.6	96.4	96.7	96.8	97.1	97.4	97.6	97.9	
500	77.9	81.1	89.7	91.6	92.0	94.2	95.5	96.1	97.0	97.3	97.4	97.7	98.0	98.2	98.5	
400	78.0	81.2	90.0	92.0	92.3	94.6	95.9	96.6	97.6	97.8	98.0	98.3	98.6	98.9	99.2	
300	78.0	81.2	90.0	92.0	92.3	94.6	96.0	96.7	97.7	98.0	98.1	98.4	98.8	99.0	99.4	
200	78.0	81.2	90.0	92.0	92.4	94.6	96.1	96.8	97.8	98.1	98.2	98.5	98.9	99.2	99.8	
100	78.0	81.2	90.0	92.0	92.4	94.6	96.1	96.8	97.8	98.1	98.2	98.5	98.9	99.3	99.9	
0	78.0	81.2	90.0	92.0	92.4	94.6	96.1	96.8	97.8	98.0	98.2	98.5	98.9	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 6102

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03551 ALCONBURY RAF UK 73-87 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300
HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16.1	≥6 GE9.7	≥5 GE8.0	≥4 GE6.4	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥¼ GE0.8	≥5/16 GE0.5	≥0 GE0.4	≥0 GE0.0
22000	27.0	29.3	32.6	34.1	35.[illegible]	37.1	38.6	40.[illegible]	40.4	40.6	40.9	41.1	41.7	42.2	42.9	
20000	30.3	33.2	36.6	38.0	38.9	41.1	42.6	44.2	44.6	44.7	45.1	45.3	45.8	46.4	47.1	
18000	30.3	33.2	36.6	38.0	38.9	41.1	42.6	44.2	44.6	44.7	45.1	45.3	45.8	46.4	47.1	
16000	30.3	33.2	36.6	38.0	38.9	41.1	42.6	44.2	44.6	44.7	45.1	45.3	45.8	46.4	47.1	
14000	30.3	33.2	36.6	38.0	38.9	41.1	42.6	44.2	44.6	44.7	45.1	45.3	45.8	46.4	47.1	
12000	30.4	33.3	36.8	38.2	39.1	41.3	42.9	44.4	44.7	44.9	45.3	45.5	46.0	46.6	47.3	
11000	31.3	34.2	38.0	39.5	40.4	42.6	44.2	45.7	46.0	46.2	46.6	46.7	47.3	47.8	48.6	
10000	31.7	34.6	38.4	39.9	40.8	42.9	44.6	46.0	46.4	46.6	46.9	47.1	47.6	48.2	48.9	
9000	34.4	37.7	41.5	42.9	43.8	46.0	47.6	49.1	49.5	49.6	50.0	50.2	50.7	51.3	52.1	
8000	35.4	38.4	42.2	43.7	44.6	46.7	48.4	49.8	50.2	50.4	50.7	50.9	51.4	52.0	52.7	
7000	35.1	38.8	42.6	44.0	44.9	47.1	48.7	50.2	50.5	50.7	51.1	51.3	51.9	52.4	53.1	
6000	37.3	40.9	45.3	46.7	47.6	49.8	51.4	52.9	53.3	53.4	53.8	54.0	54.5	55.1	55.8	
5000	40.0	43.8	48.4	50.4	51.3	53.4	55.1	56.5	56.9	57.1	57.4	57.6	58.2	58.7	59.4	
4500	43.7	47.5	52.7	54.7	55.6	57.8	59.4	60.9	61.4	61.6	62.0	62.1	62.7	63.2	63.9	
4000	46.7	5[illegible].5	55.8	58.0	58.9	61.4	63.2	64.7	65.4	65.6	66.1	66.3	66.8	67.4	68.1	
3500	50.4	54.7	60.5	62.7	63.6	66.3	68.5	69.9	70.7	70.8	71.4	71.6	72.3	72.8	73.6	
3000	54.0	58.3	64.1	66.3	67.2	69.9	72.1	73.6	74.3	74.5	75.0	75.2	75.9	76.4	77.2	
2900	57.1	61.6	67.6	69.9	70.8	74.3	76.6	78.1	78.8	79.0	79.5	79.7	80.4	81.0	81.7	
2800	57.2	61.8	67.8	70.1	71.0	74.8	77.4	78.8	79.5	79.7	80.3	80.4	81.2	81.7	82.4	
2700	58.9	63.4	69.6	71.9	72.8	77.1	79.7	81.3	82.2	82.4	83.0	83.2	83.9	84.4	85.1	
2600	59.4	63.9	70.3	73.0	73.9	78.6	81.5	83.9	84.4	84.6	85.1	85.3	86.1	86.6	87.3	
2500	59.3	64.2	71.4	74.1	75.0	80.1	83.0	85.3	86.4	86.6	87.1	87.3	88.1	88.6	89.3	
2400	60.3	64.9	71.4	74.1	75.0	80.1	83.0	85.5	86.6	86.8	87.3	87.5	88.2	88.8	89.5	
2300	60.3	64.9	71.7	74.5	75.4	80.4	83.7	86.2	87.3	87.5	88.0	88.2	88.9	89.5	90.2	
2200	60.7	65.2	72.1	75.0	75.9	81.2	84.4	87.0	88.0	88.2	88.8	88.9	89.7	90.2	90.9	
2100	60.7	65.2	72.1	75.0	75.9	81.9	85.5	88.2	89.1	89.3	89.9	90.[illegible]	90.6	91.3	92.0	
2000	60.7	65.4	72.3	75.4	76.3	82.4	86.1	88.6	89.7	89.9	90.[illegible]	90.8	91.5	92.2	92.8	
1900	60.7	65.4	72.5	75.5	76.4	82.6	86.4	88.9	90.[illegible]	90.2	90.8	91.1	92.[illegible]	92.6	93.5	
1800	60.7	65.4	72.6	75.7	76.6	82.8	86.6	89.3	90.6	90.8	91.3	91.7	93.1	93.7	95.1	
1700	60.7	65.4	72.8	75.9	76.8	83.0	86.8	89.5	91.1	91.3	92.0	92.6	94.2	95.3	97.3	
1600	60.7	65.4	72.8	75.9	76.8	83.[illegible]	86.8	89.5	91.5	91.7	92.4	92.9	94.7	96.4	98.7	
CEILING UNLIMITED	60.7	65.4	72.8	75.9	76.8	83.[illegible]	86.8	89.5	91.5	91.7	92.4	92.9	94.7	96.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 552

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15521 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)														
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6½	≥3 GE4⅞	≥2½ GE4	≥2 GE3⅜	≥1¾ GE2¾	≥1½ GE2⅜	≥1¼ GE1⅞	≥1 GE1⅝	≥⅞ GE1⅜	≥¾ GE1⅛	≥5/8 GE⅞	≥½ GE¾	≥0 GE½
UNLIMITED		27.7	29.5	33.2	33.3		36.6	37.8	38.1	38.8	38.8	39.3	40.1	40.6	41.0	42.4
20000		30.3	32.0	36.7	36.9		40.4	41.9	42.1	42.9	42.9	43.4	44.1	44.6	45.0	46.4
15000		30.3	32.0	36.7	36.9	37.0	40.4	41.9	42.1	42.9	42.9	43.4	44.1	44.6	45.0	46.4
10000		30.3	32.0	36.7	36.9	37.6	40.4	41.9	42.1	42.9	42.9	43.4	44.1	44.6	45.0	46.4
9000		30.3	32.0	36.7	36.9	37.6	40.4	41.9	42.1	42.9	42.9	43.4	44.1	44.6	45.0	46.4
8000		30.3	32.0	36.7	36.9	37.6	40.4	41.9	42.1	42.9	42.9	43.4	44.1	44.6	45.0	46.4
7000		30.5	32.3	36.9	37.2	37.8	40.6	42.1	42.4	43.1	43.1	43.6	44.4	44.9	45.3	46.7
6000		31.1	32.9	37.8	38.1	38.7	41.6	43.1	43.4	44.1	44.1	44.6	45.4	45.9	46.3	47.7
5000		32.3	34.3	39.2	39.5	40.1	43.0	44.5	45.0	45.8	45.8	46.3	47.3	47.5	47.9	49.3
4500		34.9	37.3	42.5	42.7	43.4	46.3	47.8	48.3	49.1	49.1	49.6	50.3	50.8	51.2	52.6
4000		35.7	38.1	43.5	43.8	44.4	47.3	48.8	49.3	50.1	50.1	50.6	51.3	51.8	52.2	53.6
3500		36.4	38.8	44.3	44.5	45.1	48.1	49.6	50.1	50.9	50.9	51.5	52.2	52.7	53.1	54.5
3000		37.7	40.1	46.2	46.5	47.2	50.1	51.6	52.1	53.1	53.1	53.6	54.4	54.9	55.2	56.6
2500		39.8	42.4	48.7	49.1	49.7	52.6	54.1	54.6	55.6	55.6	56.1	56.9	57.4	57.8	59.1
2000		43.5	46.2	53.1	53.6	54.2	57.4	59.0	59.8	61.2	61.2	61.7	62.4	62.9	63.3	64.7
1800		44.5	47.2	54.5	55.0	55.6	59.4	61.0	61.8	63.2	63.2	63.7	64.4	65.2	65.6	67.0
1600		46.8	49.8	57.8	58.5	59.1	63.1	64.9	65.7	67.2	67.2	67.7	68.5	69.2	69.6	71.1
1400		50.9	54.0	62.5	63.4	64.1	68.2	69.9	70.8	72.4	72.4	73.0	73.8	74.5	74.9	76.4
1200		53.1	56.1	65.6	66.7	67.6	71.6	73.8	75.0	77.0	77.0	77.7	78.4	79.2	79.6	81.1
1000		53.5	56.6	66.3	67.2	68.1	72.4	74.5	75.8	77.8	77.8	78.4	79.2	79.9	80.3	81.8
900		55.2	58.1	68.5	69.8	70.1	74.5	76.8	78.1	80.1	80.1	80.7	81.5	82.2	82.6	84.1
800		55.9	59.1	69.4	70.9	71.8	76.8	79.2	80.6	82.7	82.7	83.4	84.1	84.9	85.2	86.8
700		56.4	59.5	70.0	71.5	72.4	77.6	79.9	81.6	83.7	83.7	84.4	85.1	86.1	86.5	88.0
600		56.6	59.8	70.2	71.8	72.6	77.8	80.2	81.8	84.1	84.1	84.7	85.6	86.6	87.0	88.5
500		56.9	60.0	70.6	72.1	73.0	78.2	80.8	82.6	85.0	85.0	85.6	86.5	87.5	87.9	89.4
400		57.0	60.3	70.9	72.5	73.4	78.8	81.5	83.3	85.6	85.6	86.3	87.3	88.3	88.7	90.3
300		57.0	60.3	70.9	72.5	73.4	78.8	81.5	83.3	85.8	85.8	86.4	87.4	88.4	88.8	90.4
200		57.0	60.3	70.9	72.8	73.6	79.6	82.6	84.5	87.1	87.1	87.8	88.8	89.8	90.2	91.8
100		57.1	60.5	71.1	73.0	73.9	79.9	83.1	85.0	87.6	87.8	88.4	89.4	90.4	90.8	92.4
50		57.1	60.5	71.1	73.0	73.9	80.1	83.4	85.4	88.7	88.9	89.8	90.9	92.2	92.6	95.1
0		57.1	60.5	71.1	73.0	73.9	80.1	83.6	86.0	89.3	89.5	90.4	91.8	93.4	94.3	97.4
		57.1	60.5	71.1	73.0	73.9	80.1	83.6	86.0	89.3	89.5	90.5	92.2	93.8	95.0	99.2
		57.1	60.5	71.1	73.0	73.9	80.1	83.6	86.0	89.3	89.5	90.5	92.2	93.8	95.0	100.0

TOTAL NUMBER OF OBSERVATIONS 703

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03721 ALCONBURY RAF UK 73-82 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0900
HOURS (L)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (>16)	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥⅜ GE8	≥5/16 GE5	≥¼ GE4	≥0 GE0
NO CEILING		17.8	18.9	22.1	24.1	24.2	25.8	26.3	27.2	27.7	27.8	27.8	28.2	28.8	29.3	30.5
≥ 20000		22.0	23.9	27.6	29.9	30.2	32.3	33.0	34.0	34.9	35.2	35.1	35.5	36.3	37.1	39.2
≥ 18000		22.1	24.0	27.7	30.0	30.3	32.4	33.3	34.2	35.1	35.2	35.4	35.7	36.6	37.3	39.4
≥ 17000		22.1	24.0	27.7	30.0	30.3	32.4	33.3	34.2	35.1	35.2	35.4	35.7	36.6	37.3	39.4
≥ 16000		22.1	24.0	27.7	30.0	30.3	32.4	33.3	34.2	35.1	35.2	35.4	35.7	36.6	37.3	39.4
≥ 15000		22.2	24.1	27.8	30.3	30.5	32.6	33.5	34.5	35.4	35.5	35.7	36.1	37.0	37.7	39.8
≥ 14000		23.5	25.5	29.2	31.6	31.9	34.2	35.0	36.2	37.0	37.1	37.3	37.7	38.6	39.3	41.5
≥ 13000		24.2	26.2	30.2	32.6	32.9	35.1	36.1	37.1	38.1	38.2	38.4	38.8	39.7	40.4	42.6
≥ 12000		28.8	31.1	35.5	38.3	38.8	41.0	42.3	43.3	44.3	44.4	44.6	45.0	45.9	46.6	48.8
≥ 11000		30.0	32.4	36.7	39.7	40.2	42.4	43.6	44.7	45.7	45.9	46.1	46.6	47.6	48.3	50.6
≥ 10000		30.3	32.6	37.1	40.0	40.5	42.8	44.0	45.1	46.1	46.2	46.5	47.0	48.0	48.7	50.9
≥ 9000		31.9	34.4	39.3	42.4	42.9	45.1	46.5	47.8	48.8	48.9	49.3	49.8	50.8	51.5	53.8
≥ 8000		33.5	36.2	41.3	44.5	45.0	47.7	49.1	50.8	51.8	51.9	52.3	52.8	53.8	54.5	56.7
≥ 7000		34.6	39.4	45.2	48.7	49.3	52.3	53.9	55.6	56.7	57.0	57.4	57.8	59.0	59.7	61.9
≥ 6500		38.9	41.8	48.3	51.8	52.4	55.4	57.1	58.8	60.1	60.3	60.7	61.2	62.3	63.0	65.3
≥ 6000		40.3	43.3	50.4	54.0	54.6	58.1	59.8	61.6	62.9	63.2	63.5	64.0	65.3	66.0	68.4
≥ 5500		42.2	45.4	52.9	57.0	57.7	61.3	63.3	65.2	66.4	66.6	67.1	67.6	68.9	69.6	71.9
≥ 5000		45.7	48.9	57.1	61.4	62.4	66.9	69.0	70.7	72.1	72.3	72.8	73.4	74.7	75.4	77.8
≥ 4500		45.7	48.9	57.1	61.6	62.5	67.1	69.2	71.1	72.4	72.7	73.2	73.8	75.1	75.8	78.1
≥ 4000		47.6	51.8	59.3	64.2	65.1	69.7	72.3	74.3	75.6	76.0	76.5	77.1	78.5	79.2	81.6
≥ 3500		48.3	51.7	60.7	66.1	67.1	71.9	74.7	76.6	78.1	78.5	79.0	79.6	81.0	81.7	84.1
≥ 3000		46.9	52.9	61.6	67.2	68.2	73.7	76.4	78.4	80.1	80.5	81.0	81.6	83.2	83.9	86.4
≥ 2900		48.9	52.4	61.6	67.2	68.2	73.7	76.5	78.5	80.6	81.1	81.6	82.2	83.8	84.5	87.0
≥ 2800		49.1	52.5	61.8	67.5	68.5	73.9	77.0	79.0	81.3	81.8	82.3	83.1	84.7	85.4	87.9
≥ 2700		49.2	52.7	62.2	68.0	69.0	74.4	77.5	79.6	82.1	82.6	83.1	83.8	85.4	86.2	88.6
≥ 2600		49.2	52.7	62.4	68.4	69.3	75.0	78.2	80.3	83.1	83.6	84.1	84.8	86.4	87.1	89.7
≥ 2500		49.2	52.7	62.5	68.6	69.6	75.8	79.1	81.2	84.2	84.7	85.2	85.9	87.6	88.4	91.0
≥ 2400		49.2	52.7	62.8	68.9	70.0	76.1	79.6	81.7	85.0	85.5	86.2	87.0	88.8	89.5	92.1
≥ 2300		49.2	52.7	62.8	68.9	70.0	76.1	80.0	82.4	86.3	86.8	87.6	88.8	90.9	91.7	95.2
≥ 2200		49.2	52.7	62.8	68.9	70.0	76.1	80.1	82.7	86.7	87.1	88.3	89.5	92.0	93.0	98.0
≥ 2100		49.2	52.7	62.8	68.9	70.0	76.1	80.1	82.7	86.7	87.1	88.4	89.6	92.1	93.6	99.6
≥ 2000		49.2	52.7	62.8	68.9	70.0	76.1	80.1	82.7	86.7	87.1	88.4	89.6	92.1	93.6	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-87 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (>16)	≥6 (GE9)	≥5 (GE8)	≥4 (GE6)	≥3 (GE4)	≥2½ (GE4)	≥2 (GE32)	≥1½ (GE24)	≥1¼ (GE20)	≥1 (GE16)	¾ (GE12)	½ (GE10)	¼ (GE08)	≥5/16 (GE05)	≥0 (GE04)	≥0 (GE0)
NO CEILING	23.9	25.1	27.7	29.6	30.0	30.6	31.5	31.8	32.1	32.1	32.1	32.1	32.1	32.1	32.3	
≥ 20000	31.5	32.9	36.2	38.8	39.3	40.2	41.5	41.7	42.7	42.7	42.7	42.7	42.7	42.8	43.2	
≥ 18000	31.5	32.9	36.2	38.8	39.3	40.2	41.5	41.7	42.7	42.7	42.7	42.7	42.7	42.8	43.2	
≥ 5000	34.5	35.9	36.2	38.8	39.3	40.2	41.5	41.7	42.7	42.7	42.7	42.7	42.7	42.8	43.2	
≥ 4000	31.7	33.1	36.3	39.0	39.4	40.3	41.6	41.8	42.8	42.8	42.8	42.8	42.8	42.9	43.3	
≥ 3000	32.3	33.6	36.9	39.6	40.0	40.9	42.2	42.4	43.4	43.4	43.4	43.4	43.4	43.5	43.9	
≥ 2500	33.9	35.4	38.7	41.4	41.8	42.7	44.2	44.6	45.6	45.6	45.6	45.6	45.6	45.7	46.0	
≥ 2000	35.1	36.6	40.2	43.0	43.5	44.4	45.9	46.3	47.2	47.2	47.2	47.2	47.2	47.4	47.7	
≥ 1800	39.8	41.5	45.8	48.8	49.3	50.1	51.6	52.3	53.4	53.4	53.4	53.5	53.5	53.6	54.0	
≥ 1500	42.0	43.8	48.2	51.2	51.7	52.5	54.2	54.7	55.8	55.8	55.8	55.9	55.9	56.0	56.4	
≥ 1200	42.4	44.2	48.8	51.8	52.3	53.1	54.8	55.3	56.4	56.4	56.4	56.5	56.5	56.6	57.0	
≥ 1000	44.2	46.0	50.8	54.0	54.4	55.3	57.0	57.4	58.6	58.6	58.6	58.8	58.8	58.9	59.2	
≥ 900	46.0	47.8	53.1	56.2	56.7	57.6	59.2	59.7	60.9	60.9	60.9	61.0	61.0	61.2	61.5	
≥ 800	48.3	50.4	56.0	59.1	59.6	60.4	62.1	62.6	63.8	63.8	63.8	63.9	63.9	64.0	64.4	
≥ 700	51.1	53.2	59.4	62.5	62.9	63.8	65.5	65.9	67.1	67.1	67.1	67.3	67.3	67.4	67.7	
≥ 600	52.4	54.7	61.3	64.5	65.0	65.9	67.7	68.3	69.5	69.5	69.5	69.7	69.7	69.8	70.1	
≥ 500	54.4	56.7	63.5	67.3	67.9	69.1	70.9	71.5	72.7	72.7	72.7	72.8	72.8	72.9	73.3	
≥ 400	57.8	60.2	67.4	71.5	72.1	73.5	75.7	76.4	77.6	77.6	77.6	77.7	77.7	77.8	78.2	
≥ 300	58.5	61.9	68.3	72.4	73.0	74.5	76.6	77.3	78.5	78.5	78.5	78.7	78.7	78.8	79.1	
≥ 200	60.3	63.7	70.5	75.3	75.9	77.7	80.1	80.8	82.1	82.1	82.1	82.3	82.3	82.5	82.9	
≥ 100	61.8	64.1	72.2	77.7	78.3	80.2	82.7	83.5	84.8	84.8	84.8	84.9	84.9	85.1	85.5	
≥ 0	62.5	65.1	73.6	79.4	80.0	82.0	84.8	85.5	87.2	87.2	87.2	87.3	87.5	87.8	88.1	
≥ 900	62.9	65.6	74.1	79.9	80.5	82.5	85.3	86.0	87.6	87.6	87.6	87.8	88.0	88.2	88.6	
≥ 800	63.2	65.8	74.6	80.5	81.1	83.3	86.3	87.2	89.1	89.1	89.1	89.2	89.4	89.7	90.0	
≥ 700	63.2	65.8	74.6	80.6	81.2	83.7	87.1	88.0	90.3	90.3	90.3	90.4	90.6	90.9	91.2	
≥ 600	63.2	65.8	74.7	80.7	81.4	84.3	87.8	88.8	91.4	91.4	91.4	91.5	91.7	92.0	92.3	
≥ 500	63.4	66.1	74.9	81.2	81.9	85.1	88.8	90.0	92.6	92.8	92.9	93.0	93.3	93.5	93.9	
≥ 400	63.5	66.2	75.1	81.3	82.0	85.4	89.4	90.8	93.4	93.8	94.0	94.2	94.6	94.8	95.2	
≥ 300	63.5	66.2	75.1	81.3	82.0	85.4	89.6	91.0	93.8	94.4	94.7	95.1	95.6	96.0	97.2	
≥ 200	63.5	66.2	75.1	81.3	82.0	85.4	89.6	91.0	93.8	94.4	95.1	95.7	96.5	97.1	99.2	
≥ 100	63.5	66.2	75.1	81.3	82.0	85.4	89.6	91.0	93.8	94.4	95.1	95.8	96.6	97.2	99.8	
≥ 0	63.5	66.2	75.1	81.3	82.0	85.4	89.6	91.0	93.8	94.4	95.1	95.8	96.6	97.2	100.0	

TOTAL NUMBER OF OBSERVATIONS 834

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

55671 (STATION) ALCONBURY RAF UK (STATION NAME) 73-80 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 ≥16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥½ GE10	≥¼ GE08	≥5/16 GE05	≥0 GE04	≥0 GE00
NO CEILING	24.7	25.6	27.6	28.3	28.6	29.1	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
≥ 20000	35.2	36.5	38.8	39.6	39.9	40.7	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 18000	35.5	36.8	39.2	40.0	40.2	41.0	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 6000	35.5	36.8	39.2	40.0	40.2	41.0	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 4000	35.5	36.8	39.2	40.0	40.2	41.0	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 2000	36.0	37.3	39.9	40.7	40.9	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 10000	39.5	41.8	43.5	44.4	44.6	45.7	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 9000	41.6	42.0	44.9	45.8	46.0	47.2	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 8000	47.7	49.3	52.6	53.8	54.1	55.4	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 7000	48.7	50.3	53.7	55.0	55.2	56.5	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 6000	49.1	50.7	54.1	55.4	55.6	56.9	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 5000	51.4	53.0	56.5	57.8	58.0	59.3	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 4500	54.0	55.7	59.9	61.2	61.4	62.7	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4000	58.4	60.3	64.6	66.0	66.2	67.6	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3500	61.9	64.2	68.5	69.9	70.2	71.7	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 3000	66.6	69.1	73.7	75.1	75.3	76.9	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2500	69.0	71.6	76.1	77.5	77.7	79.4	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2000	72.4	75.5	80.9	83.0	83.2	85.1	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 800	73.1	76.2	81.6	83.7	83.9	85.8	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 500	75.4	78.6	84.7	87.2	87.5	89.7	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 200	76.7	80.2	86.6	89.4	89.7	92.1	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	77.0	80.5	87.5	90.3	90.7	93.2	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	77.3	80.8	87.8	90.6	90.9	93.2	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	77.5	81.1	88.5	91.4	91.7	94.1	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700	78.0	81.5	89.0	92.0	92.3	94.9	95.6	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600	78.1	81.6	89.3	92.4	92.8	95.3	96.4	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	78.2	81.7	89.5	92.7	93.0	95.7	97.0	97.6	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	78.2	81.7	89.5	92.7	93.0	95.7	97.0	97.8	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	78.2	81.7	89.5	92.7	93.0	95.7	97.0	97.9	98.8	99.0	99.3	99.3	99.4	99.4	99.4	99.4
≥ 200	78.2	81.7	89.5	92.7	93.0	95.7	97.0	97.9	98.8	99.0	99.3	99.3	99.7	99.8	100.0	100.0
≥ 100	78.2	81.7	89.5	92.7	93.0	95.7	97.0	97.9	98.8	99.0	99.3	99.3	99.7	99.8	100.0	100.0
≥ 0	78.2	81.7	89.5	92.7	93.0	95.7	97.0	97.9	98.8	99.0	99.3	99.3	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 658

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3552J (STATION) ALCONBURY RAF UK (STATION NAME) 73-87 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	⅞ GE12	¾ GE10	½ GE8	⅜ 5/16 GE5	¼ GE4	≥0 GE0
NO CEILING		23.4	24.5	27.6	27.7	27.7	28.3	28.8	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0
≥ 20000		34.2	36.0	39.6	40.5	40.5	41.2	41.8	42.0	42.0	42.0	42.1	42.1	42.1	42.1	42.1
≥ 18000		34.6	36.4	40.0	40.8	40.8	41.5	42.1	42.4	42.4	42.4	42.5	42.5	42.5	42.5	42.5
≥ 6000		34.6	36.4	40.0	40.8	40.8	41.5	42.1	42.4	42.4	42.4	42.5	42.5	42.5	42.5	42.5
≥ 14000		34.7	36.5	40.1	40.9	40.9	41.6	42.2	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6
≥ 12000		35.6	37.6	41.2	42.0	42.0	42.7	43.4	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8
≥ 10000		38.3	40.3	44.0	44.9	44.9	45.8	46.5	46.8	46.9	46.9	47.0	47.0	47.0	47.0	47.0
≥ 9000		39.0	41.1	45.1	45.9	45.9	46.9	47.6	47.9	48.0	48.0	48.1	48.1	48.1	48.1	48.1
≥ 8000		44.4	46.8	51.1	51.9	51.9	53.2	53.9	54.2	54.3	54.3	54.4	54.4	54.4	54.4	54.4
≥ 7000		45.7	48.1	52.4	53.3	53.3	54.7	55.4	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8
≥ 6000		46.1	48.4	52.7	53.7	53.7	55.1	55.7	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2
≥ 5000		49.8	52.3	56.7	57.6	57.6	58.9	59.7	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1
≥ 4500		53.5	56.1	60.7	61.8	61.8	63.1	63.8	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3
≥ 4000		59.3	62.3	67.1	68.1	68.1	69.7	70.4	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0
≥ 3500		63.7	67.1	72.2	73.4	73.4	74.9	75.7	76.0	76.1	76.1	76.3	76.3	76.3	76.3	76.3
≥ 3000		67.4	71.1	76.4	77.6	77.6	79.4	80.1	80.4	80.5	80.5	80.7	80.7	80.7	80.7	80.7
≥ 2500		69.2	73.2	79.0	80.2	80.2	82.1	82.8	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4
≥ 2000		73.2	78.3	84.8	86.2	86.3	88.2	89.3	89.6	89.7	89.7	89.9	89.9	89.9	89.9	89.9
≥ 1800		73.6	78.9	85.9	87.4	87.5	89.4	90.6	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2
≥ 1500		74.6	80.3	87.8	89.5	89.6	92.1	93.2	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8
≥ 1200		76.3	82.1	90.0	91.8	91.9	94.3	95.5	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1
≥ 1000		76.6	82.3	90.5	92.2	92.4	94.9	96.1	96.4	96.7	96.7	96.8	96.8	96.8	96.8	96.8
≥ 900		77.0	82.8	90.9	92.7	92.8	95.3	96.5	96.9	97.1	97.1	97.3	97.3	97.3	97.3	97.3
≥ 800		77.1	82.9	91.1	93.1	93.2	95.6	97.1	97.5	97.7	97.7	97.9	97.9	97.9	97.9	97.9
≥ 700		77.2	83.1	91.2	93.6	93.7	96.3	97.6	98.0	98.6	98.6	98.7	98.7	98.7	98.7	98.7
≥ 600		77.3	83.2	91.4	93.8	93.9	96.5	97.9	98.3	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 500		77.3	83.2	91.4	93.9	94.0	96.7	98.0	98.4	99.0	99.0	99.2	99.2	99.2	99.2	99.2
≥ 400		77.3	83.2	91.5	94.3	94.4	97.0	98.3	98.8	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 300		77.3	83.2	91.5	94.3	94.4	97.0	98.3	98.8	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 200		77.3	83.2	91.5	94.3	94.4	97.0	98.3	98.8	99.4	99.5	99.6	99.6	99.8	99.8	100.0
< 200		77.3	83.2	91.5	94.3	94.4	97.0	98.3	98.8	99.4	99.5	99.6	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 838

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~75671~~ ALCONBURY RAF UK 73-82 OCT
PERIOD STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1800-2100~~
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥⅜ GE0	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING		70.0	31.4	34.2	35.6	35.9	36.4	37.1	37.5	37.5	37.5	37.7	37.7	37.7	37.8	38.3
≥ 20000		34.5	36.8	40.4	42.0	42.3	43.0	43.8	44.5	44.5	44.5	44.6	44.6	44.6	44.7	45.3
≥ 18000		34.7	37.0	40.5	42.2	42.4	43.1	43.9	44.6	44.6	44.6	44.7	44.7	44.7	44.9	45.4
≥ 6000		34.7	37.0	40.5	42.2	42.4	43.1	43.9	44.6	44.6	44.6	44.7	44.7	44.7	44.9	45.4
≥ 4000		34.9	37.1	40.7	42.3	42.6	43.2	44.1	44.7	44.7	44.7	44.9	44.9	44.9	45.0	45.6
≥ 2000		35.3	37.7	41.2	42.8	43.1	43.8	44.6	45.3	45.3	45.3	45.4	45.4	45.4	45.6	46.1
≥ 10000		37.0	39.6	43.1	44.7	45.0	45.7	46.5	47.3	47.3	47.3	47.5	47.5	47.5	47.6	48.2
≥ 9000		37.9	40.5	44.3	46.1	46.4	47.1	47.9	48.7	48.7	48.7	48.8	48.8	48.8	49.0	49.5
≥ 8000		42.7	45.3	49.4	51.3	51.6	52.4	53.3	54.2	54.2	54.2	54.3	54.3	54.3	54.4	55.0
≥ 7000		42.8	45.4	49.9	51.8	52.1	52.9	53.9	54.7	54.7	54.7	54.8	54.8	54.8	55.0	55.5
≥ 6000		43.0	45.6	50.1	52.0	52.3	53.1	54.0	54.8	54.8	54.8	55.0	55.0	55.0	55.1	55.7
≥ 5000		45.0	47.6	52.4	54.3	54.6	55.5	56.5	57.3	57.3	57.3	57.4	57.4	57.4	57.6	58.1
≥ 4500		46.7	51.3	56.9	58.8	59.1	60.2	61.3	62.1	62.1	62.1	62.2	62.2	62.2	62.3	62.9
≥ 4000		51.6	54.7	61.0	63.2	63.4	64.7	65.8	66.7	66.7	66.7	66.8	66.8	66.8	67.0	67.5
≥ 3500		56.8	60.0	66.4	68.6	69.0	70.4	71.5	72.4	72.4	72.4	72.6	72.6	72.6	72.7	73.3
≥ 3000		60.2	64.1	71.2	73.4	73.9	75.4	76.7	77.6	77.6	77.6	77.8	77.8	77.8	77.9	78.4
≥ 2500		61.8	65.9	73.1	75.3	75.9	77.8	79.1	80.1	80.1	80.1	80.2	80.2	80.2	80.4	80.9
≥ 2000		64.8	68.9	76.9	79.8	80.4	82.5	84.3	85.5	85.8	85.8	85.9	85.9	85.9	86.1	86.6
≥ 1800		65.5	69.6	77.8	80.6	81.4	83.6	85.7	86.9	87.2	87.2	87.3	87.3	87.3	87.4	88.0
≥ 1500		67.3	71.8	80.5	83.5	84.3	87.2	89.2	90.5	90.7	90.7	90.9	90.9	90.9	91.0	91.5
≥ 1200		68.6	73.1	82.0	85.1	85.9	88.8	90.9	92.1	92.4	92.4	92.5	92.5	92.5	92.6	93.2
≥ 1000		70.1	74.6	84.2	87.2	88.0	90.9	93.0	94.3	94.5	94.5	94.7	94.7	94.7	94.8	95.4
≥ 900		70.4	74.9	84.6	87.7	88.5	91.4	93.6	94.8	95.1	95.1	95.2	95.2	95.2	95.4	95.9
≥ 800		70.9	75.4	85.1	88.3	89.2	92.2	94.4	95.6	95.9	95.9	96.0	96.2	96.2	96.3	96.9
≥ 700		70.9	75.4	85.3	88.4	89.4	92.4	94.7	95.9	96.2	96.2	96.3	96.5	96.5	96.6	97.1
≥ 600		70.9	75.4	85.4	88.5	89.5	92.6	95.4	96.6	96.9	96.9	97.0	97.1	97.1	97.3	97.8
≥ 500		70.9	75.4	85.4	88.7	89.6	92.8	95.5	97.1	97.3	97.3	97.4	97.5	97.5	97.7	98.2
≥ 400		70.9	75.4	85.4	89.1	90.2	93.3	96.0	97.5	97.8	98.0	98.1	98.2	98.4	98.5	99.0
≥ 300		70.9	75.4	85.4	89.1	90.3	93.5	96.2	97.7	98.0	98.1	98.2	98.4	98.5	98.6	99.2
≥ 200		70.9	75.4	85.4	89.1	90.3	93.5	96.2	97.7	98.0	98.1	98.2	98.4	98.5	98.8	99.6
< 200		70.9	75.4	85.4	89.1	90.3	93.5	96.2	97.7	98.2	98.4	98.5	98.6	98.8	99.0	100.0
≥ 0		70.9	75.4	85.4	89.1	90.3	93.5	96.2	97.7	98.2	98.4	98.5	98.6	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 733

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥9 GE9	≥8 GE8	≥7 GE6	≥6 GE4	≥5 GE4	≥4 GE3	≥3 GE2	≥2½ GE2	≥2 GE1	≥1½ GE1	≥1 GE1	≥¾ GE0	≥½ GE0	≥¼ GE0	≥0 GE0
UNLIM	33.0	34.2	37.9	39.2	39.2	4 .3	41.4	41.7	42.3	42.4	42.6	42.7	43.2	43.2	43.8	
20000	35.9	37.3	41.8	43.5	43.7	44.9	46.0	46.3	46.9	47.0	47.2	47.3	47.9	47.9	48.5	
18000	35.9	37.3	41.8	43.5	43.7	44.9	46.0	46.3	46.9	47.0	47.2	47.3	47.9	47.9	48.5	
16000	35.9	37.3	41.8	43.5	43.7	44.9	46.0	46.3	46.9	47.0	47.2	47.3	47.9	47.9	48.5	
14000	35.9	37.3	41.8	43.5	43.7	44.9	46.0	46.3	46.9	47.0	47.2	47.3	47.9	47.9	48.5	
12000	35.9	37.3	41.8	43.5	43.7	44.9	46.0	46.3	46.9	47.0	47.2	47.3	47.9	47.9	48.5	
11000	37.3	38.8	43.5	45.2	45.3	46.7	47.8	48.1	48.7	48.9	49.0	49.2	49.3	49.8	50.4	
10000	37.4	39.2	44.0	45.6	46.0	47.5	48.5	48.9	49.5	49.6	49.8	49.9	50.5	50.5	51.1	
9000	40.6	42.4	47.3	49.0	49.3	51.1	52.2	52.7	53.3	53.4	53.6	53.7	54.4	54.4	55.0	
8000	41.4	43.2	48.2	49.9	50.2	52.1	53.1	53.6	54.2	54.4	54.5	54.7	55.3	55.3	55.9	
7000	42.3	44.1	49.2	50.8	51.1	53.0	54.0	54.5	55.1	55.3	55.4	55.6	56.2	56.2	56.8	
6000	44.6	46.4	51.9	53.6	53.9	55.7	56.8	57.3	57.9	58.0	58.2	58.3	58.9	58.9	59.5	
5000	48.1	50.2	56.2	58.0	58.3	60.2	61.2	61.7	62.3	62.4	62.6	62.7	63.4	63.4	64.0	
4500	51.8	54.2	60.9	62.7	63.1	65.0	66.1	66.6	67.2	67.3	67.5	67.6	68.2	68.2	68.9	
4000	56.3	58.8	65.5	67.6	67.9	69.9	71.0	71.5	72.1	72.2	72.4	72.5	73.1	73.1	73.7	
3500	58.8	61.2	68.7	71.0	71.3	73.3	74.4	74.8	75.4	75.6	75.7	75.9	76.5	76.5	77.1	
3000	60.9	63.5	71.5	73.7	74.0	76.0	77.1	77.6	78.2	78.3	78.5	78.6	79.2	79.2	79.8	
2500	63.8	66.6	74.8	77.4	77.9	80.0	81.1	81.8	82.4	82.6	82.7	82.9	83.5	83.5	84.1	
2000	64.7	66.7	75.0	77.9	78.3	81.2	82.3	83.1	83.7	83.8	84.0	84.1	84.7	84.7	85.3	
1800	65.3	68.2	76.8	79.8	80.5	83.8	85.2	86.1	86.7	86.9	87.0	87.2	87.8	87.8	88.4	
1600	66.4	69.3	78.0	81.4	82.0	86.0	87.3	88.4	89.0	89.2	89.3	89.5	90.1	90.1	90.7	
1400	67.0	70.2	79.1	82.4	83.1	87.5	88.9	89.9	90.5	90.7	90.8	91.0	91.6	91.6	92.2	
1200	68.1	71.3	80.2	83.5	84.1	88.5	89.9	91.0	91.6	91.8	91.9	92.1	92.7	92.7	93.3	
1000	68.1	71.3	80.3	83.7	84.3	88.7	90.1	91.1	91.8	91.9	92.1	92.2	92.8	92.8	93.4	
900	68.2	71.5	80.6	84.1	84.7	89.3	90.7	91.8	92.5	92.7	92.8	93.0	93.6	93.6	94.2	
800	68.5	71.8	80.9	84.4	85.0	90.1	91.5	92.7	93.4	93.7	93.9	94.0	94.7	94.7	95.3	
700	68.5	71.8	80.9	84.4	85.0	90.2	91.6	92.8	93.7	94.0	94.2	94.4	95.0	95.0	95.6	
600	68.5	71.8	80.9	84.4	85.0	90.2	91.6	92.8	93.7	94.2	94.4	94.5	95.1	95.1	95.9	
500	68.5	71.8	80.9	84.6	85.2	90.7	92.4	93.6	94.5	95.0	95.1	95.3	96.3	96.3	97.6	
400	68.5	71.8	80.9	84.6	85.2	90.7	92.4	93.7	94.7	95.3	95.4	95.6	97.1	97.1	99.1	
300	68.5	71.8	80.9	84.6	85.2	90.7	92.4	93.7	94.7	95.3	95.4	95.6	97.3	97.6	99.7	
200	68.5	71.8	80.9	84.6	85.2	90.7	92.4	93.7	94.7	95.3	95.4	95.6	97.3	97.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 655

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-87 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (≥9.7)	≥5 (≥8.0)	≥4 (≥6.4)	≥3 (≥4.8)	≥2½ (≥4.0)	≥2 (≥3.2)	≥1½ (≥2.4)	≥1¼ (≥2.0)	≥1 (≥1.6)	⅞ (≥1.2)	¾ (≥1.0)	⅝ (≥0.8)	½ (≥0.8)	⅜ (≥0.6)	¼ (≥0.4)
NO CEILING		25.6	27.7	29.9	31.1	31.4	32.6	33.4	33.8	34.1	34.1	34.3	34.5	34.7	34.9	35.5
≥ 20000		31.7	33.5	37.1	38.6	38.9	40.3	41.3	41.7	42.2	42.2	42.4	42.6	42.9	43.1	43.8
≥ 18000		31.8	33.6	37.2	38.7	39.0	40.4	41.4	41.9	42.3	42.4	42.5	42.7	43.0	43.2	44.0
≥ 6500		31.8	33.6	37.2	38.7	39.0	40.4	41.4	41.9	42.3	42.4	42.5	42.7	43.0	43.2	44.0
≥ 14000		31.9	33.7	37.3	38.7	39.1	40.5	41.5	41.9	42.4	42.4	42.6	42.8	43.1	43.3	44.0
≥ 5000		32.3	34.1	37.7	39.2	39.6	40.9	41.9	42.4	42.9	42.9	43.1	43.3	43.6	43.8	44.5
≥ 12000		34.1	36.0	39.7	41.2	41.6	43.0	44.1	44.6	45.1	45.1	45.3	45.5	45.8	46.0	46.8
≥ 9000		34.9	36.9	40.8	42.3	42.7	44.2	45.3	45.8	46.3	46.4	46.6	46.7	47.0	47.3	48.0
≥ 8000		39.4	41.6	45.9	47.5	47.9	49.6	50.7	51.3	51.8	51.9	52.0	52.2	52.5	52.8	53.5
≥ 7000		40.4	42.7	47.1	48.8	49.2	50.8	52.0	52.6	53.1	53.1	53.3	53.5	53.8	54.1	54.8
≥ 6000		41.9	43.1	47.6	49.3	49.7	51.3	52.4	53.0	53.6	53.6	53.8	54.0	54.3	54.5	55.3
≥ 5000		43.2	45.3	50.1	51.8	52.2	53.9	55.1	55.7	56.2	56.3	56.5	56.7	57.0	57.2	58.0
≥ 4500		45.7	48.1	53.3	55.2	55.6	57.3	58.5	59.2	59.7	59.8	60.0	60.2	60.5	60.7	61.4
≥ 4000		49.4	52.1	57.8	59.7	60.1	62.0	63.2	64.0	64.6	64.7	64.9	65.1	65.4	65.7	66.4
≥ 3500		52.7	55.6	61.5	63.5	63.9	66.0	67.3	68.0	68.7	68.8	69.0	69.2	69.5	69.8	70.5
≥ 3000		55.6	58.7	65.1	67.2	67.7	69.9	71.3	72.1	72.7	72.8	73.0	73.2	73.6	73.9	74.6
≥ 2500		58.2	61.2	68.0	70.2	70.7	73.0	74.4	75.2	76.0	76.0	76.3	76.5	76.9	77.1	77.9
≥ 2000		61.2	64.7	72.1	74.7	75.2	77.9	79.5	80.5	81.3	81.3	81.6	81.8	82.2	82.4	83.2
≥ 1800		61.6	65.2	72.7	75.3	75.9	78.7	80.4	81.4	82.2	82.2	82.5	82.7	83.1	83.3	84.1
≥ 1500		63.3	66.9	74.9	77.8	78.5	81.6	83.5	84.5	85.3	85.4	85.7	85.9	86.3	86.5	87.3
≥ 1200		64.4	68.2	76.4	79.7	80.4	83.8	85.7	86.9	87.6	87.7	88.0	88.2	88.6	88.9	89.6
≥ 1000		65.1	68.9	77.5	80.8	81.5	85.1	87.1	88.2	89.2	89.3	89.5	89.8	90.3	90.5	91.3
≥ 900		65.4	69.3	77.8	81.2	81.9	85.5	87.5	88.7	89.7	89.8	90.0	90.3	90.8	91.0	91.8
≥ 800		65.6	69.5	78.2	81.7	82.3	86.0	88.2	89.4	90.5	90.6	90.8	91.1	91.6	91.9	92.7
≥ 700		65.8	69.6	78.5	82.1	82.7	86.6	88.8	90.0	91.3	91.4	91.7	92.0	92.5	92.7	93.5
≥ 600		65.9	69.7	78.7	82.3	83.0	87.0	89.4	90.7	92.1	92.2	92.5	92.8	93.3	93.5	94.3
≥ 500		65.9	69.8	78.8	82.5	83.2	87.5	90.0	91.4	92.9	93.0	93.3	93.6	94.1	94.4	95.2
≥ 400		65.9	69.8	78.9	82.7	83.4	87.7	90.3	91.8	93.3	93.6	93.9	94.3	94.8	95.1	95.9
≥ 300		65.9	69.8	78.9	82.7	83.5	87.8	90.6	92.1	93.9	94.2	94.6	95.0	95.8	96.1	97.4
≥ 200		65.9	69.8	78.9	82.8	83.5	87.8	90.6	92.3	94.1	94.4	94.9	95.4	96.5	97.0	98.9
≥ 100		65.9	69.8	78.9	82.8	83.5	87.8	90.6	92.3	94.2	94.5	95.0	95.6	96.7	97.3	99.7
≥ 0		65.9	69.8	78.9	82.8	83.5	87.8	90.6	92.3	94.2	94.5	95.0	95.6	96.7	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 4072

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-77,79,81-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2400 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (GE9.7)	≥5 (GE8.0)	≥4 (GE6.4)	≥3 (GE4.8)	≥2½ (GE4.0)	≥2 (GE3.2)	≥1½ (GE2.4)	≥1¼ (GE2.0)	≥1 (GE1.6)	≥¾ (GE1.2)	≥⅝ (GE1.0)	≥½ (GE0.8)	≥5/16 (GE0.5)	≥¼ (GE0.4)	≥0 (GE0)
NO CEILING		32.6	34.3	38.9	41.2	41.6	43.3	45.8	45.8	46.0	46.0	46.0	46.4	46.4	47.1	48.7
≥ 20000		35.8	38.1	42.7	45.2	45.8	48.1	50.6	50.6	50.8	50.8	50.8	51.3	51.3	51.9	53.6
≥ 18000		35.8	38.1	42.7	45.2	45.8	48.1	50.6	50.6	50.8	50.8	50.8	51.3	51.3	51.9	53.6
≥ 6000		35.8	38.1	42.7	45.2	45.8	48.1	50.6	50.6	50.8	50.8	50.8	51.3	51.3	51.9	53.6
≥ 14000		35.8	38.1	42.7	45.2	45.8	48.1	50.6	50.6	50.8	50.8	50.8	51.3	51.3	51.9	53.6
≥ 12000		35.8	38.1	42.7	45.2	45.8	48.1	50.6	50.6	50.8	50.8	50.8	51.3	51.3	51.9	53.6
≥ 10000		37.2	39.7	44.4	46.9	47.5	49.8	52.3	52.3	52.5	52.5	52.5	52.9	52.9	53.6	55.2
≥ 9000		37.7	40.4	45.0	47.5	48.1	50.4	52.9	52.9	53.1	53.1	53.1	53.6	53.6	54.2	55.9
≥ 8000		39.3	42.1	47.1	49.6	50.2	52.7	55.2	55.2	55.4	55.4	55.4	55.9	55.9	56.5	58.2
≥ 7000		40.4	43.1	48.1	50.6	51.3	53.8	56.3	56.3	56.5	56.5	56.5	56.9	56.9	57.5	59.2
≥ 6000		41.0	43.7	49.2	51.7	52.5	55.0	57.5	57.5	57.7	57.7	57.7	58.2	58.2	58.8	60.5
≥ 5000		43.1	45.8	51.5	54.0	54.8	57.3	59.8	59.8	60.0	60.0	60.0	60.5	60.5	61.1	62.8
≥ 4500		45.6	48.3	54.0	56.5	57.3	59.8	62.3	62.3	62.6	62.6	62.6	63.0	63.0	63.6	65.3
≥ 4000		46.1	50.8	57.9	60.5	61.5	64.4	66.9	66.9	67.2	67.2	67.2	67.6	67.6	68.2	69.9
≥ 3500		51.3	54.0	61.9	64.6	65.9	68.8	71.3	71.3	71.5	71.8	71.8	72.2	72.2	72.8	74.5
≥ 3000		54.2	56.9	66.3	69.2	70.5	73.4	75.9	76.4	77.0	77.2	77.2	77.6	77.6	78.2	79.9
≥ 2500		55.2	58.4	67.8	70.9	72.2	75.1	77.6	78.2	78.7	78.9	78.9	79.3	79.3	79.9	81.6
≥ 2000		56.9	60.0	70.3	73.4	74.7	78.0	80.5	81.0	82.2	82.2	82.2	82.6	82.6	83.3	84.9
≥ 1800		57.3	60.5	70.9	74.1	75.3	78.7	81.2	81.6	82.6	82.8	82.8	83.3	83.3	83.9	85.6
≥ 1500		58.6	62.3	73.0	76.2	77.4	80.8	83.3	83.7	84.7	84.9	84.9	85.4	85.4	86.0	87.7
≥ 1200		61.0	63.8	74.5	78.5	79.7	83.1	85.6	86.1	87.0	87.2	87.2	87.7	87.7	88.3	90.0
≥ 1000		60.5	65.1	75.9	80.3	81.6	85.1	87.7	88.1	89.1	89.3	89.3	89.7	89.7	90.4	92.1
≥ 900		60.5	65.1	75.9	80.3	81.6	85.1	87.7	88.1	89.1	89.3	89.3	89.7	89.7	90.4	92.1
≥ 800		60.9	65.5	76.4	80.8	82.0	85.6	88.1	88.5	89.5	89.7	89.7	90.2	90.2	90.8	92.5
≥ 700		60.9	65.5	76.4	80.8	82.0	85.6	88.1	88.5	89.5	89.7	89.7	90.2	90.2	90.8	92.5
≥ 600		61.5	66.1	77.0	81.4	82.6	86.4	89.1	89.5	90.6	90.8	90.8	91.2	91.2	91.8	93.5
≥ 500		61.5	66.1	77.2	81.8	83.1	87.0	89.7	90.2	91.2	91.4	91.4	91.8	91.8	92.5	94.1
≥ 400		61.5	66.1	77.2	82.4	83.9	87.9	91.0	91.4	92.5	92.7	92.9	93.3	93.3	94.1	96.4
≥ 300		61.5	66.1	77.2	82.4	83.9	87.9	91.2	91.6	92.7	92.9	93.1	93.5	93.5	94.4	97.1
≥ 200		61.5	66.1	77.2	82.4	83.9	87.9	91.4	91.8	92.9	93.1	93.3	93.7	93.7	95.6	98.5
≥ 100		61.5	66.1	77.2	82.4	83.9	87.9	91.4	91.8	93.1	93.3	93.5	93.9	94.1	96.2	100.0
≥ 0		61.5	66.1	77.2	82.4	83.9	87.9	91.4	91.8	93.1	93.3	93.5	93.9	94.1	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 478

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35521 (STATION) ALCONBURY RAF UK (STATION NAME) 73-87 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE96	≥5 GE80	≥4 GE64	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	⅞ GE12	¾ GE10	⅝ GE08	½ GE05	⅜ GE04	≥0 GE00
NO CEILING	31.7	32.6	35.7	36.5	36.9	39.4	40.5	40.9	41.6	41.7	41.7	42.0	42.3	42.8	44.4
≥ 20000	32.5	34.4	37.9	38.7	39.1	42.0	43.1	43.5	44.2	44.4	44.4	44.6	44.9	45.5	47.0
≥ 18000	33.5	34.4	37.9	38.7	39.1	42.0	43.1	43.5	44.2	44.4	44.4	44.6	44.9	45.5	47.0
≥ 14000	33.5	34.4	37.9	38.7	39.1	42.0	43.1	43.5	44.2	44.4	44.4	44.6	44.9	45.5	47.0
≥ 12000	33.5	34.4	37.9	38.7	39.1	42.0	43.1	43.5	44.2	44.4	44.4	44.6	44.9	45.5	47.0
≥ 10000	33.6	34.6	38.1	38.8	39.3	42.3	43.4	43.8	44.5	44.6	44.6	44.9	45.2	45.7	47.2
≥ 9000	35.3	36.2	39.7	40.5	40.9	43.9	45.0	45.5	46.1	46.3	46.3	46.6	46.8	47.4	48.9
≥ 8000	36.6	37.6	41.0	41.9	42.3	45.3	46.4	46.8	47.5	47.7	47.7	47.9	48.2	48.8	50.3
≥ 7000	39.1	40.1	43.7	44.5	44.9	47.9	49.0	49.4	50.1	50.3	50.3	50.6	50.8	51.4	52.9
≥ 6000	39.3	40.2	43.9	44.8	45.2	48.2	49.3	49.7	50.4	50.6	50.6	50.8	51.1	51.7	53.2
≥ 5000	39.9	40.9	44.6	45.5	45.9	48.9	50.0	50.4	51.1	51.2	51.2	51.5	51.8	52.3	53.9
≥ 4500	42.7	43.8	48.2	49.0	49.4	52.5	53.6	54.1	54.7	54.8	54.8	55.2	55.5	56.1	57.6
≥ 4000	45.9	47.1	51.5	52.8	53.2	56.3	57.4	57.9	58.5	58.7	58.7	59.1	59.4	59.9	61.4
≥ 3500	49.4	50.4	55.4	56.6	57.0	60.2	61.3	61.7	62.4	62.5	62.5	62.9	63.2	63.8	65.3
≥ 3000	51.9	53.4	59.9	61.2	61.7	64.9	66.1	66.5	67.2	67.4	67.4	67.8	68.3	68.9	70.4
≥ 2500	55.6	57.9	64.9	66.3	66.8	70.0	71.5	71.9	72.6	72.9	72.9	73.3	73.8	74.4	75.9
≥ 2200	57.7	59.9	67.2	68.6	69.3	72.6	74.1	74.5	75.2	75.5	75.5	75.9	76.4	77.0	78.5
≥ 2000	61.3	63.6	71.5	73.0	73.8	77.1	78.7	79.2	79.9	80.2	80.2	80.6	81.1	81.7	83.2
≥ 1800	61.6	63.9	71.8	73.3	74.1	77.4	78.9	79.5	80.2	80.4	80.4	80.9	81.4	82.0	83.5
≥ 1600	62.8	65.4	74.1	75.6	76.4	80.2	81.7	82.2	83.1	83.5	83.5	83.9	84.4	85.0	86.5
≥ 1400	64.2	67.4	76.2	78.0	78.8	82.6	84.2	84.7	85.5	86.0	86.0	86.4	86.9	87.5	89.0
≥ 1200	64.9	68.2	77.1	79.1	79.9	83.7	85.7	86.2	87.2	87.7	87.7	88.2	88.7	89.3	90.8
≥ 1000	65.7	69.0	78.1	80.0	80.9	84.8	86.8	87.3	88.3	88.8	88.8	89.3	89.8	90.4	91.9
≥ 900	66.3	69.7	79.1	81.1	82.0	86.0	88.2	88.7	89.7	90.2	90.2	90.6	91.2	91.7	93.3
≥ 800	66.4	69.8	79.2	81.3	82.1	86.2	88.4	89.0	90.2	90.8	90.8	91.2	91.7	92.3	93.8
≥ 700	66.5	70.0	79.6	81.7	82.5	86.6	88.8	90.1	91.0	91.6	91.6	92.0	92.6	93.1	94.6
≥ 600	66.5	70.0	79.6	81.7	82.5	86.8	89.0	90.2	91.2	91.9	91.9	92.3	93.0	93.5	95.0
≥ 500	66.5	70.0	79.6	81.8	82.6	87.2	89.4	90.6	91.7	92.4	92.4	92.8	93.5	94.1	95.7
≥ 400	66.5	70.0	79.8	82.1	82.9	87.7	90.1	91.3	92.4	93.1	93.3	93.7	94.4	95.3	97.7
≥ 300	66.5	70.0	79.9	82.2	83.1	87.9	90.2	91.5	93.0	93.7	93.8	94.2	95.0	96.0	98.9
≥ 200	66.5	70.0	79.9	82.2	83.1	87.9	90.2	91.5	93.1	93.8	93.9	94.4	95.3	96.6	100.0
< 200	66.5	70.0	79.9	82.2	83.1	87.9	90.2	91.5	93.1	93.8	93.9	94.4	95.3	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 726

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2 GE40	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE12	≥½ GE10	≥⅜ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE0
NO CEILING		24.3	25.5	28..	28.9	29..	31.1	31.3	31.8	33.1	33.6	33.6	33.6	33.7	34.1	35.4
≥ 20000		27.6	28.9	31.5	32.6	32.7	33.9	35.3	35.8	37.2	37.8	37.9	37.9	38.3	38.7	40.1
≥ 18000		27.6	28.9	31.5	32.6	32.7	33.9	35.3	35.8	37.2	37.8	37.9	37.9	38.3	38.7	40.1
≥ 16000		27.6	28.9	31.5	32.6	32.7	33.9	35.3	35.8	37.2	37.8	37.9	37.9	38.3	38.7	40.1
≥ 14000		27.6	28.9	31.5	32.6	32.7	33.9	35.3	35.8	37.2	37.8	37.9	37.9	38.3	38.7	40.1
≥ 12000		28.1	29.6	32.2	33.2	33.3	34.5	35.9	36.5	37.9	38.4	38.5	38.5	38.9	39.3	40.8
≥ 10000		30.6	32.3	35.0	36.1	36.2	37.5	39.1	39.6	41.0	41.5	41.7	41.7	42.1	42.4	43.9
≥ 9000		31.9	33.6	36.3	37.4	37.5	38.9	40.5	41.0	42.6	43.1	43.2	43.2	43.6	44.0	45.4
≥ 8000		34.6	36.5	39.3	40.4	40.5	41.9	43.5	44.3	45.8	46.4	46.5	46.5	46.9	47.3	48.7
≥ 7000		35.2	37.0	39.8	40.9	41.0	42.4	44.0	44.8	46.4	47.0	47.1	47.1	47.5	47.9	49.3
≥ 6000		35.7	37.5	4 .4	41.4	41.5	43..	44.5	45.3	46.9	47.5	47.7	47.7	48.0	48.4	49.9
≥ 5000		37.6	39.6	42.6	43.8	43.9	45.6	47.1	48..	49.6	50..	5..4	5..4	50.8	51.2	52.6
≥ 4500		41.1	43.2	46.7	48.0	48.2	50.0	51.6	52..	54.0	54.7	54.8	54.8	55.2	55.6	57.0
≥ 4000		46.1	48.6	52.2	53.8	53.9	55.9	57.4	58.6	60.2	60.8	6..9	6..9	61.3	61.7	63.2
≥ 3500		48.6	51.2	55.5	57.0	57.2	59.1	60.7	62.0	63.7	64.3	64.5	64.5	65..	65.4	66.8
≥ 3000		51.3	54..	59.2	61.1	61.2	63.2	64.8	66.1	66.0	68.6	68.8	69.8	69.3	69.7	71.1
≥ 2500		52.6	55.5	61.2	63.2	63.4	65.5	67.3	68.6	70.6	71.2	71.4	71.4	72.0	72.4	73.8
≥ 2000		56.5	59.8	66.5	68.6	68.9	71.4	73.7	75.1	77.1	77.7	78..	78.0	78.6	79..	80.5
≥ 1800		56.5	59.8	66.8	69.0	69.3	71.7	74.2	75.7	77.7	78.4	78.6	78.6	79.3	79.7	81.1
≥ 1500		58.3	61.7	69.5	72.0	72.3	74.9	77.5	78.9	81.0	81.6	81.9	81.9	82.6	82.9	84.4
≥ 1200		6..0	63.4	71.6	74.1	74.3	77..	79.7	81.1	83.2	83.9	84.1	84.1	84.8	85.2	86.6
≥ 1000		61.5	65.1	73.4	76..	76.3	79.	81.8	83.2	85.4	86.3	86.7	86.7	87.4	87.8	89.2
≥ 900		62.0	65.6	74.1	76.8	77.1	79.9	82.7	84.1	86.3	87.2	87.6	87.6	88.3	88.7	90.1
≥ 800		62.1	65.8	74.3	77.2	77.5	80.6	83.3	84.8	87.0	87.9	88.3	88.3	88.9	89.3	90.8
≥ 700		62.2	66.1	74.7	77.6	77.9	81.4	84.2	85.8	88.2	89.1	89.6	89.6	90.2	90.6	92.1
≥ 600		62.2	66.3	75.0	77.9	78.1	81.6	84.6	86.2	88.5	89.5	90.1	90.1	90.8	91.1	92.6
≥ 500		62.4	66.4	75.3	78.3	78.5	82.2	85.4	87..	89.3	90.2	90.9	90.9	91.5	91.9	93.4
≥ 400		62.4	66.4	75.8	78.8	79.0	82.8	86.1	87.6	90.0	90.9	91.5	91.5	92.2	92.6	94.4
≥ 300		62.4	66.4	75.9	79.4	79.7	83.5	87.0	88..	91.3	92.3	93.0	93.0	94.0	94.9	97.3
≥ 200		62.4	66.4	75.9	79.4	79.7	83.6	87.1	88.7	91.5	92.6	93.2	93.4	94.7	95.8	98.4
≥ 100		62.4	66.4	75.9	79.4	79.7	83.6	87.1	88.7	91.5	92.6	93.2	93.4	94.8	96.1	100.0
0		62.4	66.4	75.9	79.4	79.7	83.6	87.1	88.7	91.5	92.6	93.2	93.4	94.8	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 768

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-2100 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (≥9)	≥5 (≥8)	≥4 (≥6)	≥3 (≥4.8)	≥2½ (≥4)	≥2 (≥3.2)	≥1½ (≥2.4)	≥1¼ (≥2.0)	≥1 (≥1.6)	¾ (≥1.2)	⅝ (≥1.0)	½ (≥0.8)	5/16 (≥0.5)	¼ (≥0.4)	0 (0.0)
NO CEILING	24.8	25.5	27.8	28.4	28.8	29.5	30.2	30.4	31.1	31.3	31.3	31.3	31.3	31.6	32.1	33.1
≥ 20000	32.1	33.0	36.9	37.8	38.3	39.3	39.9	40.3	40.9	41.2	41.2	41.2	41.6	42.1	43.2	
≥ 8000	32.1	33.0	36.9	37.8	38.3	39.3	39.9	40.3	40.9	41.2	41.2	41.2	41.6	42.1	43.2	
≥ 6000	32.1	33.0	36.9	37.8	38.3	39.3	39.9	40.3	40.9	41.2	41.2	41.2	41.6	42.1	43.2	
≥ 4000	32.2	33.1	37.0	37.9	38.4	39.4	40.1	40.4	41.1	41.3	41.3	41.3	41.7	42.2	43.3	
≥ 2000	32.7	33.7	37.6	38.5	39.[illegible]	40.1	40.7	41.2	42.0	42.2	42.2	42.2	42.6	43.1	44.2	
≥ 1000	34.6	36.0	40.2	41.1	41.6	42.6	43.3	43.9	44.6	44.9	44.9	44.9	45.2	45.8	46.9	
≥ 500	36.0	37.4	41.6	42.5	43.0	44.2	45.0	45.5	46.3	46.5	46.5	46.5	46.9	47.4	48.5	
≥ 400	38.9	40.3	45.1	46.0	46.5	47.9	48.8	49.3	50.1	50.3	50.3	50.3	50.7	51.2	52.5	
≥ 300	40.1	41.4	46.3	47.1	47.7	49.1	49.9	50.4	51.2	51.5	51.5	51.5	51.8	52.3	53.6	
≥ 200	41.7	43.1	46.9	47.8	48.3	49.7	50.6	51.1	51.8	52.1	52.1	52.1	52.5	53.0	54.2	
≥ 100	42.6	44.0	48.8	49.7	50.2	51.7	52.9	53.4	54.4	54.6	54.6	54.6	55.0	55.5	56.8	
≥ 50	45.5	47.0	52.0	53.1	53.6	55.1	56.4	56.9	57.9	58.2	58.2	58.2	58.6	59.1	60.3	
< 50	49.7	51.3	57.4	58.7	59.2	60.7	62.4	63.0	64.0	64.3	64.3	64.3	64.6	65.1	66.4	
≥ 1500	53.1	54.8	60.8	62.1	62.6	64.1	65.8	66.4	67.4	67.8	67.8	67.8	68.2	68.7	70.0	
≥ 1000	56.3	57.9	64.[illegible]	65.3	65.8	67.4	69.2	70.0	71.1	71.5	71.5	71.5	71.9	72.4	73.6	
≥ 700	57.7	59.3	65.7	67.2	67.7	69.6	71.4	72.2	73.6	74.0	74.0	74.0	74.4	75.2	76.4	
≥ 500	59.8	61.6	68.9	71.5	72.1	74.1	76.2	77.1	78.5	78.8	78.8	78.8	79.2	80.0	81.4	
≥ 400	60.2	62.0	69.5	72.0	72.8	74.8	76.8	77.7	79.1	79.5	79.5	79.5	79.8	80.6	82.0	
≥ 300	62.1	64.0	72.2	75.0	75.8	77.8	80.0	80.9	82.4	82.8	82.8	82.8	83.1	83.9	85.3	
≥ 200	63.8	65.7	74.5	77.6	78.3	80.4	82.5	83.4	84.9	85.3	85.3	85.3	85.7	86.4	87.8	
≥ 100	64.5	66.5	75.9	79.1	79.8	81.9	84.0	84.9	86.6	86.9	86.9	86.9	87.3	88.1	89.5	
≥ 50	64.9	67.2	76.7	80.0	80.7	82.9	85.0	86.1	87.7	88.1	88.1	88.1	88.5	89.2	90.6	
< 50	65.3	67.6	77.1	80.4	81.1	83.3	85.4	86.6	88.3	88.7	88.7	88.7	89.1	89.9	91.3	
≥ 700	65.4	67.7	77.3	80.6	81.4	83.7	85.9	87.1	88.8	89.2	89.2	89.2	89.6	90.4	91.8	
≥ 600	65.4	67.8	77.4	81.0	81.9	84.2	86.6	87.8	89.6	90.0	90.1	90.1	90.6	91.8	92.8	
≥ 500	65.4	67.8	77.6	81.2	82.1	84.7	87.2	88.5	90.6	91.3	91.5	91.5	92.1	93.2	94.6	
≥ 400	65.4	67.8	77.7	81.4	82.3	84.9	87.6	89.1	91.6	92.4	92.6	92.6	93.3	94.4	96.1	
≥ 300	65.4	67.8	77.8	81.6	82.5	85.2	88.0	89.6	92.3	93.3	93.7	93.8	94.6	96.1	97.7	
≥ 200	65.4	67.8	77.8	81.6	82.5	85.2	88.0	89.9	92.6	93.7	94.3	94.8	95.7	97.2	99.[illegible]	
≥ 100	65.4	67.8	77.8	81.6	82.5	85.2	88.0	89.9	92.6	93.7	94.3	94.8	95.8	97.7	100.0	
≥ 0	65.4	67.8	77.8	81.6	82.5	85.2	88.0	89.9	92.6	93.7	94.3	94.8	95.8	97.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 789

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75521 (STATION) ALCONBURY RAF UK (STATION NAME) 73-80 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12.0-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¾ GE2	≥1½ GE2	≥1¼ GE1	≥1 GE1	≥¾ GE1	≥½ GE0	≥5/16 GE0	≥¼ GE0	≥0 GE
NO CEILING	26.1	26.5	28.7	29.3	29.3	29.7	30.1	30.2	30.4	30.4	30.4	30.4	30.5	30.5	30.8	
> 20000	39.7	36.4	39.1	39.8	39.9	40.4	40.7	40.9	41.0	41.0	41.0	41.0	41.1	41.1	41.5	
≥ 18000	35.9	36.6	39.3	40.0	40.1	40.6	41.0	41.1	41.2	41.2	41.2	41.2	41.4	41.4	41.7	
> 6000	35.9	36.6	39.3	40.0	40.1	40.6	41.0	41.1	41.2	41.2	41.2	41.2	41.4	41.4	41.7	
≥ 4000	36.3	37.0	39.7	40.4	40.5	41.0	41.4	41.5	41.6	41.6	41.6	41.6	41.7	41.7	42.1	
≥ 2000	37.1	37.8	40.5	41.2	41.4	41.8	42.2	42.3	42.4	42.4	42.4	42.4	42.6	42.6	42.9	
≥ 1000	40.3	41.1	44.0	44.7	44.9	45.3	45.9	46.1	46.4	46.4	46.4	46.4	46.6	46.6	46.9	
≥ 900	41.8	42.6	45.6	46.6	46.7	47.2	47.8	47.9	48.2	48.2	48.2	48.2	48.4	48.4	48.7	
≥ 800	42.9	47.2	51.2	50.9	51.0	51.6	52.2	52.4	52.8	52.8	52.8	52.8	53.1	53.0	53.3	
≥ 700	46.9	49.1	51.4	52.1	52.2	53.0	53.6	53.8	54.4	54.4	54.4	54.4	54.5	54.5	54.9	
≥ 6000	47.0	48.4	51.6	52.4	52.5	53.3	53.9	54.2	54.8	54.8	54.8	54.8	54.9	54.9	55.3	
≥ 5000	48.1	49.6	52.8	53.6	53.7	54.5	55.1	55.4	56.0	56.2	56.2	56.2	56.1	56.1	56.5	
≥ 4500	49.7	51.1	54.4	55.1	55.3	56.5	57.3	57.7	58.3	58.3	58.3	58.3	58.4	58.4	58.8	
≥ 4000	53.1	54.8	58.5	59.4	59.5	60.9	62.2	62.5	63.1	63.1	63.1	63.1	63.2	63.2	63.6	
≥ 3500	56.5	57.9	61.9	62.9	63.0	64.6	65.8	66.1	66.9	66.9	66.9	66.9	67.0	67.0	67.4	
≥ 3000	60.5	62.5	67.1	68.2	68.3	69.9	71.2	71.6	72.3	72.3	72.3	72.3	72.4	72.4	72.8	
≥ 2500	63.0	65.2	69.8	70.9	71.0	72.8	74.1	74.6	75.3	75.3	75.3	75.3	75.5	75.5	75.8	
≥ 2000	65.7	68.3	73.5	74.7	75.0	76.9	78.4	78.8	79.6	79.6	79.6	79.6	79.7	79.7	80.0	
≥ 1800	66.0	69.8	74.1	75.3	75.6	77.5	79.0	79.4	80.2	80.2	80.2	80.2	80.3	80.3	80.7	
≥ 1600	66.9	71.8	77.9	79.1	79.3	81.3	82.8	83.3	84.2	84.2	84.2	84.2	84.3	84.3	84.6	
≥ 1400	71.0	74.5	81.0	82.7	83.0	85.0	86.6	87.1	88.0	88.0	88.0	88.0	88.1	88.1	88.5	
≥ 1200	72.3	75.8	82.5	84.3	84.5	86.9	88.5	89.1	90.0	90.0	90.0	90.0	90.1	90.1	90.4	
≥ 1000	73.4	77.0	83.7	85.5	85.7	88.3	89.8	90.3	91.4	91.4	91.4	91.4	91.5	91.5	91.9	
≥ 900	73.9	77.6	84.5	86.5	86.7	89.4	90.9	91.4	92.6	92.6	92.6	92.6	92.7	92.7	93.1	
≥ 800	74.1	78.1	85.0	87.3	87.8	90.6	92.3	92.7	94.0	94.0	94.0	94.0	94.1	94.1	94.4	
≥ 700	74.1	78.1	85.0	87.3	87.8	90.7	92.4	93.1	94.4	94.4	94.4	94.4	94.6	94.6	94.9	
≥ 600	74.2	78.2	85.4	87.8	88.3	91.4	93.2	94.1	95.6	95.8	95.8	95.8	95.9	95.9	96.3	
≥ 500	74.2	78.2	85.4	87.8	88.3	91.4	93.2	94.2	96.1	96.4	96.6	96.6	97.0	97.0	97.3	
≥ 400	74.2	78.2	85.4	87.9	88.4	91.5	93.3	94.3	96.6	96.9	97.1	97.1	97.5	97.8	98.2	
≥ 300	74.2	78.2	85.4	87.9	88.4	91.5	93.3	94.3	96.9	97.2	97.5	97.5	98.2	98.8	99.3	
≥ 200	74.2	78.2	85.4	87.9	88.4	91.5	93.3	94.3	96.9	97.2	97.5	97.5	98.2	98.8	99.9	
≥ 100	74.2	78.2	85.4	87.9	88.4	91.5	93.3	94.3	96.9	97.2	97.5	97.5	98.2	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 627

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 ALCONBURY RAF UK 73-80 NOV
STATION NUMBER STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15 0-1700
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)														
	≥10 ≥16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥½ GE10	≥¼ GE08	≥5/16 GE05	≥0 GE04	≥0 GE00
1 FEW		27.5	28.2	29.9	3 .4	30.7	31.0	31.2	31.4	31.6	31.6	31.9	31.9	31.9	31.9	32.2
2 FEW		35.2	36.1	38.2	39.0	39.4	39.9	40.2	40.5	40.8	40.8	41.1	41.1	41.1	41.1	41.5
3 SCT		35.2	36.1	38.2	39.0	39.4	39.9	40.2	40.5	40.8	40.8	41.1	41.1	41.1	41.1	41.5
4 SCT		35.2	36.1	38.2	39.0	39.4	39.9	40.2	40.5	40.8	40.8	41.1	41.1	41.1	41.1	41.5
5 SCT		35.4	36.4	38.4	39.3	39.6	40.4	40.7	41.0	41.3	41.3	41.6	41.6	41.6	41.6	41.9
6 SCT		36.2	37.2	39.3	4 .1	41.5	41.2	41.6	41.8	42.2	42.2	42.4	42.4	42.4	42.4	42.8
7 SCT		39.9	40.8	43.0	43.9	44.2	45.1	45.3	45.6	45.9	45.9	46.2	46.2	46.2	46.2	46.5
8 SCT		40.6	42.1	44.2	45.2	45.6	46.3	46.8	47.0	47.4	47.4	47.6	47.6	47.6	47.6	48.0
9 SCT		45.3	46.7	49.5	50.7	51.2	52.1	52.6	52.8	53.2	53.2	53.5	53.5	53.5	53.5	53.8
10 SCT		45.9	47.3	50.2	51.4	51.9	52.8	53.5	53.7	54.1	54.1	54.3	54.3	54.3	54.3	54.7
11 SCT		46.2	47.5	50.4	51.6	52.1	53.1	53.7	54.1	54.4	54.4	54.7	54.7	54.7	54.7	55.0
12 SCT		47.5	49.8	52.1	53.5	53.9	55.1	55.9	56.2	56.6	56.6	56.8	56.8	56.8	56.8	57.2
13 SCT		48.8	50.5	53.9	55.3	55.8	56.8	57.9	58.3	58.7	58.7	58.9	58.9	58.9	58.9	59.3
14 SCT		52.8	54.8	58.4	59.9	60.4	61.5	62.7	63.0	63.4	63.4	63.6	63.6	63.6	63.6	64.0
15 SCT		56.7	58.7	62.9	64.5	65.0	66.2	67.5	68.1	68.6	68.6	68.8	68.8	68.8	68.8	69.2
16 SCT		62.1	64.5	69.5	71.0	71.5	72.7	74.1	74.7	75.2	75.2	75.4	75.4	75.4	75.4	75.8
17 SCT		63.5	66.1	71.5	73.2	73.7	75.1	76.4	77.0	77.5	77.5	77.7	77.7	77.7	77.7	78.1
18 SCT		67.4	69.9	76.1	77.8	78.4	79.9	81.3	82.1	82.5	82.5	82.8	82.8	82.8	82.8	83.2
19 SCT		68.3	70.5	76.8	78.7	79.3	81.0	82.4	83.2	83.6	83.6	83.9	83.9	83.9	83.9	84.2
20 SCT		72.2	72.7	79.6	81.8	82.4	84.1	85.6	86.3	86.8	86.8	87.2	87.2	87.2	87.2	87.5
21 SCT		72.1	75.3	82.9	85.3	86.1	87.9	89.5	90.2	90.7	90.7	91.0	91.0	91.0	91.0	91.4
22 SCT		73.2	76.5	84.7	87.5	88.2	90.2	91.8	92.5	93.0	93.0	93.3	93.3	93.3	93.3	93.7
23 SCT		73.5	76.7	85.3	88.1	88.8	90.8	92.4	93.1	93.6	93.6	93.9	93.9	93.9	93.9	94.3
24 SCT		73.6	76.8	85.7	88.5	89.2	91.2	92.8	93.6	94.2	94.2	94.5	94.5	94.5	94.5	94.9
25 SCT		73.9	77.2	86.1	88.8	89.6	91.8	93.6	94.4	95.0	95.0	95.4	95.4	95.4	95.4	95.8
26 SCT		74.1	77.3	86.3	89.1	89.8	92.0	93.9	94.8	95.4	95.4	95.8	95.9	96.0	96.0	96.4
27 SCT		74.2	77.5	86.7	89.5	90.2	92.4	94.3	95.2	95.6	95.8	96.1	96.2	96.5	96.5	96.8
28 SCT		74.2	77.5	86.7	89.5	90.2	92.4	94.4	95.4	96.4	96.6	97.1	97.2	97.6	97.6	98.2
29 SCT		74.3	77.6	86.8	89.6	90.3	92.5	94.5	95.6	96.8	97.1	97.6	97.7	98.2	98.4	99.0
30 SCT		74.3	77.6	86.8	89.6	90.3	92.5	94.5	95.6	96.8	97.2	97.7	97.8	98.3	98.5	99.3
31 SCT		74.3	77.6	86.8	89.6	90.3	92.5	94.5	95.6	96.8	97.2	97.7	97.8	98.3	98.7	99.8
32 CLR		74.3	77.6	86.8	89.6	90.3	92.5	94.5	95.6	96.8	97.2	97.7	97.8	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 925

USAF ETAC FORM 0-14-7 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)														
	≥10 (≥16)	≥6 (GE9.7)	≥5 (GE8.0)	≥4 (GE6.4)	≥3 (GE4.8)	≥2½ (GE4.0)	≥2 (GE3.2)	≥1¼ (GE2.4)	≥1 (GE2.0)	¾ (GE1.6)	½ (GE1.2)	⅜ (GE1.0)	¼ (GE0.8)	≥5/16 (GE0.5)	≥0 (GE0.4)	≥0 (GE0)
NO CEILING	71.5	32.3	35.8	37.1	37.1	38.6	39.4	39.7	39.7	39.7	39.9	39.9	40.0	40.2	40.6
≥ 20000	37.1	38.1	42.6	44.1	44.1	45.8	46.5	46.6	47.5	47.5	47.6	47.6	47.8	47.9	48.3
≥ 18000	37.1	38.1	42.6	44.1	44.1	45.8	46.5	46.6	47.5	47.5	47.6	47.6	47.8	47.9	48.3
≥ 16000	37.1	38.1	42.6	44.1	44.1	45.8	46.5	46.6	47.5	47.5	47.6	47.6	47.8	47.9	48.3
≥ 14000	37.1	38.1	42.6	44.1	44.1	45.8	46.5	46.6	47.5	47.5	47.6	47.6	47.8	47.9	48.3
≥ 12000	37.5	38.5	43.0	44.5	44.5	46.2	46.9	47.1	47.9	47.9	48.0	48.0	48.2	48.3	48.7
≥ 10000	39.7	41.2	45.8	47.3	47.3	49.0	49.7	49.9	50.7	50.7	50.8	50.8	51.0	51.1	51.5
≥ 9000	41.2	42.6	47.3	48.9	48.9	50.6	51.3	51.4	52.2	52.2	52.4	52.4	52.5	52.7	53.1
≥ 8000	44.4	46.3	51.5	53.5	53.7	55.3	56.2	56.3	57.2	57.2	57.3	57.3	57.4	57.6	58.0
≥ 7000	45.1	47.1	52.2	54.2	54.4	56.0	57.2	57.3	58.1	58.1	58.3	58.3	58.4	58.6	59.0
≥ 6000	45.8	47.8	52.9	54.9	55.1	56.7	57.9	58.0	58.8	58.8	59.0	59.0	59.1	59.3	59.7
≥ 5000	47.2	49.3	54.6	56.9	57.0	58.7	59.8	60.0	60.8	60.8	61.0	61.1	61.2	61.4	61.8
≥ 4500	49.6	51.8	57.2	59.4	59.6	61.2	62.4	62.5	63.3	63.3	63.5	63.6	63.8	63.9	64.3
≥ 4000	54.4	56.6	61.9	64.3	64.5	66.3	67.6	67.7	68.5	68.5	68.7	68.8	69.0	69.1	69.5
≥ 3500	57.7	60.0	65.9	68.3	68.4	70.2	71.6	71.8	72.8	72.8	72.9	73.0	73.2	73.5	73.9
≥ 3000	63.9	66.7	72.8	75.1	75.3	77.1	78.8	78.9	79.9	79.9	80.1	80.2	80.3	80.6	81.0
≥ 2500	66.0	69.0	75.8	78.2	78.4	80.2	81.9	82.1	83.0	83.0	83.1	83.3	83.4	83.7	84.1
≥ 2000	67.8	70.8	78.9	81.6	81.7	83.6	85.3	85.4	86.4	86.4	86.5	86.7	86.8	87.1	87.5
≥ 1800	68.0	70.9	79.4	82.0	82.2	84.1	85.8	86.0	86.9	86.9	87.1	87.2	87.4	87.6	88.1
≥ 1600	69.9	73.0	82.3	85.0	85.4	87.5	89.2	89.3	90.3	90.3	90.4	90.6	90.7	91.0	91.4
≥ 1400	71.5	75.0	84.4	87.1	87.5	89.7	91.4	91.6	92.6	92.6	92.7	92.8	93.0	93.3	93.7
≥ 1200	72.2	75.7	85.1	87.8	88.2	90.6	92.3	92.4	93.4	93.4	93.5	93.7	93.8	94.1	94.5
≥ 1000	72.2	75.7	85.1	87.8	88.2	90.6	92.3	92.4	93.4	93.4	93.5	93.7	93.8	94.1	94.5
≥ 900	72.3	75.8	85.3	88.1	88.5	90.9	92.6	92.7	93.7	93.7	93.8	94.0	94.1	94.4	94.8
≥ 800	72.8	76.5	86.1	88.9	89.5	91.9	93.5	93.7	94.7	94.7	94.8	94.9	95.1	95.4	95.8
≥ 700	72.8	76.5	86.1	89.0	89.6	92.0	93.7	93.8	94.8	94.8	94.9	95.1	95.2	95.5	95.9
≥ 600	72.8	76.5	86.1	89.2	89.7	92.3	94.0	94.1	95.1	95.1	95.2	95.4	95.5	95.8	96.2
≥ 500	72.8	76.5	86.1	89.2	89.7	92.3	94.4	94.9	96.2	96.2	96.3	96.5	96.6	96.9	97.8
≥ 400	72.8	76.5	86.1	89.2	89.7	92.3	94.4	95.2	96.8	96.8	96.9	97.1	97.2	97.6	98.5
≥ 300	72.8	76.5	86.1	89.2	89.7	92.3	94.4	95.2	96.8	96.8	97.1	97.2	97.5	97.9	99.2
≥ 200	72.8	76.5	86.1	89.2	89.7	92.3	94.4	95.2	96.8	96.8	97.1	97.3	97.6	98.3	100.0
≥ 100	72.8	76.5	86.1	89.2	89.7	92.3	94.4	95.2	96.8	96.8	97.1	97.3	97.6	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 712

USAF ETAC NOV 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25521 ALCONBURY RAF UK '73-82 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (≥9.0)	≥5 (≥8.0)	≥4 (≥6.4)	≥3 (≥4.8)	≥2½ (≥4.0)	≥2 (≥3.2)	≥1¼ (≥2.4)	≥1 (≥2.0)	≥¾ (≥1.6)	≥½ (≥1.2)	≥¼ (≥1.0)	≥⅛ (≥0.8)	≥0 (≥0.5)	≥0 (≥0.4)	≥0 (≥0.0)
25000		35.2	35.8	40.4	41.5	41.8	43.8	44.7	44.8	45.5	45.5	45.8	46.1	46.4	46.9	47.2
22000		35.7	40.7	46.3	47.3	47.6	49.9	50.8	50.9	51.7	51.8	52.1	52.7	53.0	53.4	53.7
18000		40.3	41.3	46.9	47.9	48.2	50.5	51.4	51.5	52.3	52.4	52.7	53.3	53.6	54.0	54.3
14000		40.3	41.3	46.9	47.9	48.2	50.5	51.4	51.5	52.3	52.4	52.7	53.3	53.6	54.0	54.3
12000		40.3	41.3	46.9	47.9	48.2	50.5	51.4	51.5	52.3	52.4	52.7	53.3	53.6	54.0	54.3
10000		40.9	41.9	47.4	48.5	48.8	51.1	52.0	52.1	52.8	53.0	53.3	53.9	54.2	54.6	54.9
9000		42.6	43.8	49.3	50.4	50.7	53.0	53.9	54.0	54.7	54.9	55.2	55.8	56.1	56.5	56.8
8000		43.6	44.7	50.2	51.2	51.5	53.9	54.7	54.9	55.6	55.8	56.1	56.6	56.9	57.4	57.7
7000		46.3	47.4	53.3	54.7	55.0	57.5	58.7	58.8	59.6	59.7	60.0	60.6	60.9	61.3	61.6
6000		47.3	48.5	54.3	55.8	56.1	58.7	59.9	60.0	60.9	61.0	61.3	61.9	62.2	62.6	62.9
5000		46.2	49.3	55.2	56.6	56.9	59.6	60.7	60.9	61.8	61.9	62.2	62.8	63.1	63.5	63.8
4500		49.8	53.0	59.1	60.7	61.0	63.8	65.0	65.1	66.0	66.1	66.4	67.0	67.3	67.7	68.0
4000		51.5	53.0	59.1	60.7	61.0	63.8	65.0	65.1	66.0	66.1	66.4	67.0	67.3	67.7	68.0
3500		56.4	57.5	64.1	65.7	66.0	69.1	70.2	70.4	71.2	71.4	71.7	72.3	72.6	73.0	73.6
3000		58.2	59.6	66.7	68.3	68.8	71.8	73.3	73.4	74.3	74.5	74.7	75.3	75.6	76.1	76.8
2500		61.4	62.8	70.1	71.7	72.3	75.3	77.1	77.4	78.2	78.4	78.7	79.3	79.6	80.0	80.7
2000		62.8	64.5	71.8	73.4	74.0	77.2	79.0	79.2	80.1	80.3	80.6	81.3	81.6	82.0	82.8
1800		65.0	66.7	74.7	76.4	76.9	80.3	82.0	82.3	83.4	83.5	83.8	84.5	84.8	85.5	86.3
1600		65.8	67.6	75.9	77.7	78.2	81.8	83.8	84.1	85.1	85.3	85.5	86.3	86.6	87.3	88.0
1400		67.3	69.2	78.5	80.6	81.2	85.0	87.0	87.3	88.3	88.5	88.8	89.5	89.8	90.5	91.2
1200		68.3	71.4	79.7	81.8	82.3	86.1	88.2	88.5	89.5	89.6	89.9	90.7	90.9	91.7	92.4
1000		68.5	71.5	79.9	81.9	82.5	86.3	88.5	88.8	89.8	89.9	90.2	90.9	91.2	92.0	92.7
900		68.9	71.9	80.3	82.5	83.1	86.9	89.2	89.5	90.5	90.7	90.9	91.7	92.0	92.7	93.4
800		69.2	71.2	80.6	82.9	83.5	87.3	89.6	89.9	90.9	91.1	91.4	92.1	92.4	93.1	93.9
700		69.9	72.1	81.6	83.9	84.5	88.5	90.8	91.1	92.1	92.3	92.6	93.3	93.6	94.3	95.0
600		70.1	72.3	81.8	84.4	85.0	89.1	91.4	91.7	92.7	92.8	93.1	93.9	94.2	94.9	95.6
500		70.1	72.3	81.8	84.8	85.4	89.5	91.6	92.3	93.3	93.4	93.7	94.5	94.7	95.5	96.2
400		70.1	72.3	81.9	85.0	85.5	89.6	92.0	92.4	93.4	93.6	93.9	94.6	95.0	95.8	97.4
300		70.1	72.3	81.9	85.0	85.5	89.8	92.4	92.8	94.0	94.3	94.6	95.3	95.8	96.5	98.1
200		70.1	72.3	81.9	85.0	85.5	89.8	92.4	92.8	94.2	94.5	94.7	95.6	96.2	96.9	99.1
100		70.1	72.3	81.9	85.0	85.5	89.8	92.4	92.8	94.2	94.5	94.7	95.6	96.2	97.1	100.0
0		70.1	72.3	81.9	85.0	85.5	89.8	92.4	92.8	94.2	94.5	94.7	95.6	96.2	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 685

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-80 (YEARS) NOV (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (>16)	≥6 (GE9.0)	≥5 (GE8.0)	≥4 (GE6.4)	≥3 (GE4.8)	≥2½ (GE4.0)	≥2 (GE3.2)	≥1¾ (GE2.4)	≥1½ (GE2.0)	≥1 (GE1.6)	≥⅞ (GE1.2)	≥¾ (GE1.0)	≥½ (GE0.8)	≥5/16 (GE0.5)	≥¼ (GE0.4)	≥0 (GE0)
NO CEILING		28.9	29.7	32.6	33.5	33.8	35.0	35.8	36.1	36.6	36.7	36.8	36.9	37.1	37.4	38.2
≥ 20000		34.4	35.5	39.1	40.2	40.5	41.9	42.8	43.1	43.7	43.9	44.0	44.1	44.3	44.6	45.5
≥ 18000		34.5	35.6	39.2	40.3	40.6	42.0	42.9	43.2	43.8	44.0	44.1	44.2	44.4	44.7	45.6
≥ 16000		34.5	35.6	39.2	40.3	40.6	42.0	42.9	43.2	43.8	44.0	44.1	44.2	44.4	44.7	45.6
≥ 14000		34.6	35.7	39.3	40.4	40.7	42.2	43.1	43.3	44.0	44.1	44.2	44.4	44.6	44.9	45.7
≥ 12000		36.1	36.3	39.8	40.9	41.2	42.7	43.6	43.9	44.6	44.7	44.8	45.0	45.2	45.5	46.3
≥ 10000		37.5	39.8	42.5	43.6	43.9	45.4	46.4	46.7	47.4	47.5	47.6	47.7	48.0	48.3	49.1
≥ 9000		38.7	40.1	43.8	44.9	45.2	46.8	47.8	48.1	48.8	48.9	49.0	49.2	49.4	49.7	50.5
≥ 8000		41.9	43.4	47.4	48.7	49.0	50.7	51.8	52.1	52.8	52.9	53.0	53.2	53.4	53.7	54.6
≥ 7000		42.6	44.1	48.2	49.5	49.8	51.5	52.7	53.0	53.8	53.9	54.0	54.1	54.4	54.7	55.5
≥ 6000		43.1	44.7	48.8	50.1	50.4	52.2	53.3	53.6	54.4	54.5	54.6	54.8	55.	55.3	56.2
≥ 5000		44.9	46.5	51.8	52.2	52.5	54.3	55.5	55.9	56.7	56.8	56.9	57.1	57.3	57.6	58.5
≥ 4500		47.3	49.0	53.5	54.9	55.3	57.2	58.5	58.8	59.6	59.8	59.9	60.1	60.3	60.6	61.5
≥ 4000		51.3	53.2	58.2	59.7	60.1	62.1	63.5	64.0	64.8	64.9	65.0	65.2	65.4	65.7	66.6
≥ 3500		54.3	56.3	61.9	63.5	63.9	66.0	67.5	67.9	68.8	69.0	69.1	69.3	69.5	69.8	70.8
≥ 3000		56.3	57.6	66.7	68.4	68.8	70.9	72.5	73.1	74.0	74.2	74.3	74.5	74.8	75.1	76.0
≥ 2500		61.3	62.4	68.8	70.6	71.1	73.3	75.0	75.6	76.5	76.7	76.9	77.0	77.3	77.7	78.6
≥ 2000		62.8	65.4	72.6	74.6	75.2	77.6	79.4	80.0	81.0	81.2	81.4	81.5	81.8	82.2	83.2
≥ 1800		63.2	65.7	73.2	75.2	75.8	78.3	80.1	80.8	81.8	82.0	82.1	82.3	82.6	83.0	83.9
≥ 1500		69.1	67.8	76.0	78.2	78.8	81.4	83.3	83.9	85.0	85.2	85.4	85.6	85.9	86.2	87.2
≥ 1200		66.7	69.7	78.3	80.7	81.3	84.0	85.9	86.6	87.7	87.9	88.0	88.2	88.5	88.9	89.8
≥ 1000		67.6	70.8	79.5	82.1	82.7	85.5	87.5	88.1	89.3	89.6	89.7	89.9	90.2	90.6	91.5
≥ 900		68.0	71.3	80.1	82.8	83.4	86.2	88.3	88.9	90.1	90.4	90.5	90.7	91.0	91.4	92.3
≥ 800		68.3	71.6	80.6	83.3	83.9	86.8	88.9	89.6	90.8	91.1	91.3	91.4	91.7	92.1	93.1
≥ 700		68.6	72.0	81.0	83.8	84.5	87.5	89.7	90.4	91.7	92.0	92.1	92.3	92.6	93.0	93.9
≥ 600		68.7	72.1	81.3	84.1	84.8	87.9	90.1	91.0	92.2	92.5	92.7	92.9	93.2	93.6	94.6
≥ 500		68.8	72.2	81.4	84.4	85.1	88.3	90.6	91.5	92.9	93.2	93.4	93.6	94.0	94.4	95.4
≥ 400		68.8	72.2	81.5	84.6	85.3	88.6	91.0	92.0	93.6	94.0	94.3	94.5	94.9	95.4	96.7
≥ 300		68.8	72.2	81.6	84.8	85.5	88.8	91.4	92.4	94.2	94.7	95.0	95.2	95.8	96.5	98.0
≥ 200		68.8	72.2	81.6	84.8	85.5	88.9	91.4	92.5	94.4	95.0	95.3	95.6	96.3	97.2	99.0
≥ 100		68.8	72.2	81.6	84.8	85.5	88.9	91.4	92.5	94.5	95.0	95.4	95.7	96.4	97.5	99.9
≥ 0		68.8	72.2	81.6	84.8	85.5	88.9	91.4	92.5	94.5	95.0	95.4	95.7	96.4	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 5610

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 ALCONBURY RAF, UK 73-78,81-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (GE9)	≥5 (GE8)	≥4 (GE6)	≥3 (GE4)	≥2½ (GE4)	≥2 (GE3)	≥1½ (GE2)	≥1¼ (GE2)	≥1 (GE1)	¾ (GE1)	½ (GE1)	⅜ (GE0)	¼ (GE0)	<¼ (GE0)	0 (GE0)
NO CEILING		21.1	27.4	28.7	29.4	29.8	31.8	32.6	32.9	32.9	32.9	33.1	33.1	33.5	33.5	34.3
≥ 20000		24.3	25.3	31.6	32.9	33.3	35.3	36.1	36.3	36.3	36.3	36.6	36.6	37.0	37.0	37.8
≥ 18000		24.0	25.3	31.6	32.9	33.3	35.3	36.1	36.3	36.3	36.3	36.6	36.6	37.0	37.0	37.8
≥ 6000		24.0	25.3	31.6	32.9	33.3	35.3	36.1	36.3	36.3	36.3	36.6	36.6	37.0	37.0	37.8
≥ 5000		24.0	25.3	31.6	32.9	33.3	35.3	36.1	36.3	36.3	36.3	36.6	36.6	37.0	37.0	37.8
≥ 4500		24.0	25.3	31.6	32.9	33.3	35.3	36.1	36.3	36.3	36.3	36.6	36.6	37.0	37.0	37.8
≥ 4000		24.2	25.5	31.6	33.1	33.5	35.5	36.3	36.6	36.6	36.6	36.8	36.8	37.2	37.2	38.0
≥ 3500		24.6	25.9	32.2	33.5	33.9	35.9	36.8	37.0	37.0	37.2	37.4	37.4	37.8	37.8	38.6
≥ 3000		25.9	27.1	33.5	34.7	35.1	37.2	38.0	38.2	38.2	38.4	38.6	38.6	39.0	39.2	40.0
≥ 2500		26.7	27.9	34.5	36.3	36.8	39.2	40.0	40.2	40.2	40.5	40.7	40.7	41.1	41.3	42.1
≥ 2000		27.3	29.5	35.1	37.0	37.4	40.0	40.9	41.1	41.1	41.3	41.5	41.5	41.9	42.1	42.9
≥ 1800		26.1	29.4	36.1	38.0	38.4	41.1	41.9	42.1	42.1	42.3	42.5	42.5	42.9	43.1	43.9
≥ 1500		28.0	32.2	39.2	41.1	41.5	44.1	45.0	45.2	45.2	45.4	45.6	45.6	46.0	46.2	47.0
≥ 1000		30.2	33.5	40.5	42.5	42.9	45.6	46.4	46.6	46.6	46.8	47.0	47.0	47.4	47.6	48.5
≥ 900		37.2	38.4	45.4	47.4	47.8	50.7	51.7	52.0	52.4	52.6	52.8	52.8	53.2	53.4	54.2
≥ 800		39.4	41.9	48.0	50.1	50.5	53.8	55.0	55.2	55.6	55.9	56.1	56.1	56.5	56.7	57.5
≥ 700		41.5	43.3	51.1	53.4	53.8	57.5	58.7	58.9	59.3	59.5	59.8	59.8	60.2	60.4	61.2
≥ 600		45.8	47.6	55.6	58.1	58.5	62.4	63.7	63.9	64.3	64.5	64.7	64.7	65.3	65.5	66.3
≥ 500		49.9	52.0	60.8	63.2	63.7	68.6	69.8	70.0	70.4	70.6	70.8	70.8	71.5	71.7	72.5
≥ 450		50.1	52.2	61.2	63.7	64.1	69.2	71.0	71.3	71.7	71.9	72.1	72.1	72.7	72.9	73.7
≥ 400		53.2	55.4	65.3	67.8	68.6	73.9	75.8	76.0	76.4	77.0	77.2	77.2	77.8	78.0	78.9
≥ 350		55.4	58.1	68.0	70.6	71.7	77.2	79.3	79.5	79.9	80.5	80.7	80.7	81.3	81.5	82.3
≥ 300		57.5	60.2	70.2	72.9	73.9	79.7	81.9	82.1	82.5	83.2	83.4	83.4	84.0	84.4	85.2
≥ 250		57.5	60.8	71.5	74.1	75.2	80.9	83.2	83.4	83.8	84.4	84.6	84.6	85.2	85.6	86.4
≥ 200		57.7	61.0	72.5	75.2	76.2	82.1	84.4	84.6	85.0	85.6	85.8	85.8	86.4	86.9	87.7
≥ 150		57.7	61.0	72.9	75.6	76.6	82.5	85.4	86.2	86.7	87.5	87.7	87.7	88.3	88.7	89.5
≥ 100		57.7	61.4	73.7	76.4	77.4	83.4	86.4	87.3	87.7	88.7	88.9	88.9	89.5	89.9	91.0
≥ 050		57.9	61.8	74.3	77.4	78.4	84.4	87.9	89.1	89.7	91.8	91.0	91.0	91.6	92.2	93.2
≥ 040		57.9	61.8	74.3	77.4	78.4	84.4	88.3	89.7	90.6	91.6	91.8	91.8	93.0	93.6	94.9
≥ 030		57.9	61.8	74.5	77.6	78.6	84.6	88.7	90.3	91.2	92.2	92.4	92.4	94.1	94.9	96.7
≥ 020		57.9	61.8	74.5	77.6	78.6	84.6	88.7	90.3	91.4	92.4	92.6	92.6	94.3	96.1	99.2
≥ 000		57.9	61.8	74.5	77.6	78.6	84.6	88.7	90.3	91.4	92.4	92.6	93.0	94.7	96.7	100.0
		57.9	61.8	74.5	77.6	78.6	84.6	88.7	90.3	91.4	92.4	92.6	93.0	94.7	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 887

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

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (GE9)	≥5 (GE8)	≥4 (GE64)	≥3 (GE48)	≥2½ (GE40)	≥2 (GE32)	≥1½ (GE24)	≥1¼ (GE20)	≥1 (GE16)	¾ (GE12)	½ (GE10)	≥5/16 (GE08)	≥¼ (GE05)	≥0 (GE04)	≥0 (GE00)
NO CEILING		23.9	25.8	29.7	30.3	30.3	31.1	31.9	32.1	32.1	32.1	32.1	32.2	32.3	32.8	33.6
≥ 20000		25.9	27.7	31.7	32.9	32.9	33.7	34.5	34.6	34.6	34.6	34.6	34.9	35.0	35.4	36.6
≥ 18000		25.8	27.7	31.7	32.9	32.9	33.7	34.5	34.6	34.6	34.6	34.6	34.9	35.0	35.4	36.6
≥ 16000		25.9	27.7	31.7	32.9	32.9	33.7	34.5	34.6	34.6	34.6	34.6	34.9	35.0	35.4	36.6
≥ 14000		25.8	27.7	31.7	32.9	32.9	33.7	34.5	34.6	34.6	34.6	34.6	34.9	35.0	35.4	36.6
≥ 12000		25.8	27.7	31.7	32.9	32.9	33.7	34.5	34.6	34.6	34.6	34.6	34.9	35.0	35.4	36.6
≥ 10000		26.2	28.1	32.2	33.4	33.4	34.2	35.0	35.2	35.2	35.2	35.2	35.4	35.6	36.0	37.2
≥ 9000		27.2	29.1	33.3	34.5	34.5	35.3	36.1	36.2	36.2	36.2	36.2	36.5	36.6	37.0	38.3
≥ 8000		28.7	31.6	34.9	36.5	36.5	37.4	38.4	38.5	38.5	38.5	38.5	38.8	38.9	39.3	40.7
≥ 7000		29.5	31.7	36.0	37.9	37.9	38.8	39.7	39.9	39.9	39.9	39.9	40.1	40.3	40.7	42.0
≥ 6000		29.8	32.1	36.8	38.7	38.7	39.6	40.5	40.7	40.7	40.7	40.7	40.9	41.1	41.5	42.8
≥ 5000		33.3	35.6	40.5	42.6	42.6	43.5	44.4	44.6	44.6	44.6	44.6	44.8	45.0	45.4	46.7
≥ 4500		34.2	36.8	41.9	43.9	43.9	45.0	45.9	46.0	46.2	46.2	46.2	46.4	46.6	47.0	48.5
≥ 4000		38.0	40.7	46.3	48.6	48.6	49.8	50.7	50.9	51.0	51.0	51.0	51.3	51.4	51.9	53.4
≥ 3500		41.7	44.6	50.5	52.9	52.9	54.2	55.4	55.6	55.7	55.7	55.7	56.0	56.1	56.6	58.1
≥ 3000		44.3	47.2	53.8	56.2	56.2	58.1	59.3	59.5	59.6	59.6	59.6	59.9	60.0	60.5	62.0
≥ 2500		47.8	50.7	58.1	60.7	60.7	63.0	64.2	64.3	64.4	64.4	64.4	64.7	64.8	65.4	66.8
≥ 2000		52.5	55.6	63.6	66.3	66.3	68.7	69.9	70.1	70.2	70.3	70.3	70.6	70.7	71.3	72.8
≥ 1800		53.2	56.2	64.7	67.4	67.4	69.8	71.3	71.4	71.5	71.7	71.7	71.9	72.1	72.6	74.1
≥ 1500		55.4	58.7	67.8	70.7	70.7	73.6	75.0	75.3	75.4	75.6	75.7	76.1	76.2	76.8	78.3
≥ 1200		59.1	62.6	72.1	75.2	75.2	78.0	79.6	79.9	80.0	80.1	80.3	80.7	80.8	81.3	82.8
≥ 1000		60.7	64.2	74.2	77.3	77.3	80.3	82.0	82.3	82.4	82.6	82.7	83.1	83.2	83.9	85.4
≥ 900		60.8	64.4	75.0	78.1	78.1	81.1	82.8	83.1	83.2	83.4	83.5	83.9	84.0	84.7	86.2
≥ 800		61.2	64.8	76.0	79.1	79.1	82.1	84.0	84.3	84.4	84.6	84.7	85.1	85.2	85.9	87.4
≥ 700		61.3	65.0	76.1	79.2	79.2	82.6	84.6	84.8	85.0	85.1	85.2	85.8	85.9	86.6	88.1
≥ 600		61.5	65.1	76.4	79.6	79.6	83.2	85.2	85.5	85.6	85.8	85.9	86.4	86.6	87.2	88.7
≥ 500		61.5	65.4	76.8	80.3	80.5	84.3	86.3	86.6	86.8	87.0	87.1	87.7	88.2	88.9	90.6
≥ 400		61.6	65.8	77.3	81.1	81.3	85.4	87.5	87.9	88.3	88.5	88.6	89.1	89.9	90.6	92.5
≥ 300		61.6	66.0	77.6	81.3	81.6	85.6	88.1	89.0	89.5	89.7	89.8	90.5	91.5	92.9	95.8
≥ 200		61.6	66.0	77.6	81.3	81.6	85.6	88.1	89.3	90.1	90.3	90.9	91.7	93.4	94.8	98.9
≥ 100		61.6	66.0	77.6	81.3	81.6	85.6	88.1	89.3	90.1	90.3	90.9	91.8	94.0	95.3	100.0
≥ 0		61.6	66.0	77.6	81.3	81.6	85.6	88.1	89.3	90.1	90.3	90.9	91.8	94.0	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS 785

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 ALCONBURY RAF UK 73-82 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOUR LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥½ GE0	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING		23.4	24.6	27.9	28.9	29.0	30.1	30.5	30.5	30.6	30.6	30.6	30.6	30.7	30.7	30.7
≥ 20000		26.0	27.5	30.9	32.3	32.4	33.5	34.0	34.0	34.1	34.1	34.1	34.1	34.2	34.2	34.6
≥ 18000		26.0	27.5	30.9	32.3	32.4	33.5	34.0	34.0	34.1	34.1	34.1	34.1	34.2	34.2	34.6
≥ 6000		26.0	27.5	30.9	32.3	32.4	33.5	34.0	34.0	34.1	34.1	34.1	34.1	34.2	34.2	34.6
≥ 4000		26.0	27.5	30.9	32.3	32.4	33.5	34.0	34.0	34.1	34.1	34.1	34.1	34.2	34.2	34.6
≥ 3000		26.3	27.9	31.3	32.6	32.8	33.9	34.3	34.3	34.5	34.5	34.5	34.5	34.6	34.6	35.0
≥ 2500		27.7	29.2	32.8	34.1	34.2	35.4	35.9	35.9	36.0	36.0	36.0	36.0	36.2	36.2	36.5
≥ 2000		28.3	29.9	33.4	34.7	34.8	36.2	36.7	36.7	36.8	36.8	36.8	36.8	36.9	36.9	37.3
≥ 1800		30.6	32.3	35.8	37.4	37.6	39.0	39.7	39.7	39.8	39.8	39.8	39.8	39.9	39.9	40.3
≥ 1500		31.7	33.4	36.9	38.5	38.7	40.0	40.8	40.8	40.9	40.9	40.9	40.9	41.0	41.0	41.4
≥ 1000		32.3	34.0	37.5	39.1	39.3	40.7	41.4	41.4	41.5	41.5	41.5	41.5	41.6	41.6	42.0
≥ 900		34.0	35.7	39.2	41.0	41.3	42.7	43.4	43.4	43.6	43.6	43.6	43.6	43.7	43.7	44.1
≥ 800		35.8	37.5	41.0	43.0	43.2	44.8	45.5	45.5	45.8	45.8	45.8	45.8	45.9	45.9	46.2
≥ 700		41.5	42.2	46.1	48.2	48.4	50.5	51.6	51.6	51.9	51.9	51.9	51.9	52.1	52.1	52.4
≥ 600		43.9	45.9	50.1	52.4	52.7	54.7	55.8	55.8	56.2	56.2	56.2	56.2	56.3	56.3	56.7
≥ 500		46.7	49.2	53.9	56.3	56.6	58.6	59.7	59.8	60.4	60.4	60.4	60.4	60.6	60.6	60.9
≥ 450		51.0	52.7	57.5	60.0	60.2	62.5	63.7	63.8	64.4	64.6	64.6	64.6	64.6	64.7	65.0
≥ 400		54.5	57.5	63.5	66.0	66.6	70.0	71.6	71.8	72.5	72.6	72.7	72.7	72.8	72.8	73.2
≥ 350		55.5	58.5	64.7	67.5	68.1	71.5	73.1	73.3	73.9	74.0	74.2	74.2	74.3	74.3	74.6
≥ 300		59.2	62.5	69.1	72.1	72.7	76.1	77.8	78.0	78.8	79.0	79.1	79.1	79.2	79.2	79.6
≥ 250		61.0	64.3	71.6	74.8	75.4	78.9	80.6	80.8	81.6	81.8	81.9	81.9	82.0	82.0	82.4
≥ 200		62.3	65.9	73.4	76.7	77.3	81.1	82.8	83.0	83.7	84.0	84.1	84.2	84.3	84.3	84.7
≥ 150		62.9	66.5	74.9	78.3	78.9	82.6	84.3	84.6	85.4	85.7	85.8	86.0	86.2	86.2	86.5
≥ 100		63.5	67.1	75.8	79.5	80.2	84.0	85.7	86.0	86.9	87.1	87.3	87.5	87.6	87.6	88.0
≥ 70		63.6	67.2	76.2	79.9	80.6	84.3	86.0	86.4	87.3	87.6	87.7	88.0	88.1	88.1	88.5
≥ 60		63.6	67.2	76.2	79.9	80.6	84.5	86.5	86.9	87.7	88.1	88.2	88.5	88.6	88.6	89.0
≥ 50		64.0	67.7	76.7	80.3	81.1	85.1	87.4	87.7	88.7	89.1	89.2	89.4	89.6	89.6	90.3
≥ 40		64.3	68.1	77.1	80.8	81.6	85.9	88.6	89.0	89.9	90.3	90.4	90.7	90.8	90.9	91.9
≥ 30		64.3	68.1	77.1	80.8	81.6	86.0	89.0	89.4	90.8	91.1	91.4	91.7	92.6	93.4	94.8
≥ 20		64.3	68.1	77.1	80.8	81.6	86.0	89.0	89.6	91.4	91.9	92.6	93.3	94.7	95.6	98.7
≥ 0		64.3	68.1	77.1	80.8	81.6	86.0	89.0	89.6	91.4	91.9	92.6	93.4	94.9	96.1	100.0
		64.3	68.1	77.1	80.8	81.6	86.0	89.0	89.6	91.4	91.9	92.6	93.4	94.9	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 824

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¾ GE2	≥1½ GE2	≥1 GE1	≥⅞ GE1	≥¾ GE1	≥⅝ GE1	≥½ GE0	≥⅜ GE0	≥0 GE0
NO CEILING		20.6	22.0	25.2	25.9	26.3	27.6	28.2	28.3	28.4	28.4	28.6	28.6	28.6	28.6	28.6
≥ 20000		24.9	26.6	30.2	30.9	31.0	32.6	33.2	33.3	33.6	33.6	33.7	33.7	33.8	33.8	34.0
≥ 18000		25.1	26.7	30.3	31.0	31.1	32.8	33.3	33.4	33.7	33.7	33.8	33.8	33.9	33.9	34.1
≥ 16000		25.1	26.7	30.3	31.0	31.1	32.8	33.3	33.4	33.7	33.7	33.8	33.8	33.9	33.9	34.1
≥ 14000		25.1	26.7	30.5	31.2	31.4	33.0	33.6	33.7	33.9	33.9	34.0	34.0	34.1	34.1	34.4
≥ 12000		25.2	26.8	30.8	31.5	31.6	33.2	33.8	33.9	34.1	34.1	34.3	34.3	34.4	34.4	34.6
≥ 10000		26.8	28.4	32.8	33.4	33.6	35.3	35.9	36.0	36.2	36.2	36.4	36.4	36.5	36.5	36.7
≥ 9000		27.6	29.3	33.6	34.3	34.4	36.1	36.7	36.8	37.1	37.1	37.2	37.2	37.3	37.3	37.5
≥ 8000		32.4	34.1	38.9	39.9	40.2	42.0	42.5	42.7	43.1	43.2	43.4	43.5	43.6	43.6	43.8
≥ 7000		32.5	34.3	39.0	40.0	40.3	42.1	42.7	42.8	43.2	43.4	43.5	43.6	43.7	43.7	43.9
≥ 6000		32.6	34.4	39.2	40.1	40.4	42.5	43.1	43.4	43.8	43.9	44.1	44.2	44.3	44.3	44.5
≥ 5000		34.3	36.1	40.9	41.8	42.2	44.3	44.9	45.3	45.8	45.9	46.0	46.2	46.3	46.3	46.5
≥ 4500		36.6	38.5	43.2	44.2	44.5	46.7	47.3	47.8	48.3	48.4	48.5	48.6	48.7	48.7	49.0
≥ 4000		39.6	41.7	46.9	48.0	48.6	50.8	51.6	52.1	52.7	52.8	52.9	53.0	53.1	53.1	53.4
≥ 3500		44.2	46.7	52.2	53.4	54.0	56.3	57.1	57.6	58.2	58.3	58.4	58.6	58.9	58.9	59.1
≥ 3000		48.5	51.7	57.5	58.7	59.3	61.7	62.6	63.2	64.2	64.3	64.5	64.8	65.0	65.2	65.4
≥ 2500		51.5	54.9	61.0	62.5	63.2	66.1	67.0	67.6	68.9	69.0	69.1	69.5	69.7	69.8	70.0
≥ 2000		54.4	57.9	65.4	67.4	68.1	71.7	72.8	73.4	74.7	74.8	75.1	75.4	75.6	75.8	76.0
≥ 1800		55.4	59.0	66.7	68.6	69.3	73.0	74.1	74.7	76.0	76.1	76.3	76.7	76.9	77.0	77.3
≥ 1500		57.6	61.2	69.1	71.1	71.9	75.8	76.9	77.7	79.0	79.1	79.4	79.7	80.0	80.1	80.3
≥ 1200		59.6	63.4	71.7	73.9	74.7	78.9	80.1	80.9	82.3	82.4	82.6	83.0	83.2	83.3	83.6
≥ 1000		61.1	64.9	73.3	75.6	76.7	81.2	82.5	83.3	84.7	85.0	85.2	85.5	85.8	85.9	86.1
≥ 900		61.1	64.9	73.3	75.6	76.7	81.2	82.5	83.3	85.0	85.3	85.5	85.9	86.1	86.2	86.5
≥ 800		61.4	65.3	74.0	76.3	77.4	82.2	83.4	84.4	86.2	86.7	86.9	87.3	87.5	87.6	87.9
≥ 700		62.0	65.9	74.8	77.2	78.2	83.0	84.3	85.3	87.2	87.8	88.0	88.3	88.6	88.7	88.9
≥ 600		62.0	65.9	74.8	77.5	78.6	83.3	84.6	85.7	87.8	88.7	89.0	89.5	89.7	89.9	90.1
≥ 500		62.0	66.0	75.3	78.1	79.3	84.6	86.1	87.4	89.6	90.6	90.9	91.4	91.6	91.7	92.3
≥ 400		62.0	66.0	75.3	78.1	79.5	85.2	87.2	88.7	91.0	92.1	92.4	93.0	93.6	93.7	94.3
≥ 300		62.0	66.0	75.3	78.1	79.5	85.2	87.2	88.7	91.5	92.5	93.1	93.7	94.5	95.0	96.7
≥ 200		62.0	66.0	75.3	78.1	79.5	85.2	87.3	88.8	91.8	92.9	93.5	94.3	95.7	96.5	99.0
≥ 100		62.0	66.0	75.3	78.1	79.5	85.2	87.3	88.8	91.8	92.9	93.5	94.3	95.9	96.7	100.0
≥		62.0	66.0	75.3	78.1	79.5	85.2	87.3	88.8	91.8	92.9	93.5	94.3	95.9	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 858

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25621 ALCONBURY RAF UK 73-82 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12:0-18:00
HOUR (L.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 ≥16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¾ GE2	≥1½ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥¼ GE8	≥5/16 GE5	≥0 GE0	
NO CEILING	23.6	25.0	26.8	27.8	27.8	28.6	28.7	29.3	29.4	29.4	29.4	29.5	29.5	29.6	29.6	
≥ 20000	29.4	31.1	33.0	34.0	34.0	34.9	35.1	35.8	35.9	35.9	35.9	36.0	36.0	36.1	36.1	
≥ 18000	30.1	31.7	33.7	34.7	34.7	35.6	35.8	36.5	36.6	36.6	36.6	36.7	36.7	36.8	36.8	
≥ 6 000	30.1	31.7	33.7	34.7	34.7	35.6	35.8	36.5	36.6	36.6	36.6	36.7	36.7	36.8	36.8	
≥ 14000	30.1	31.7	33.7	34.7	34.7	35.6	35.8	36.5	36.6	36.6	36.6	36.7	36.7	36.8	36.8	
≥ 12000	30.5	32.2	34.1	35.1	35.1	36.2	36.2	36.9	37.0	37.0	37.0	37.1	37.1	37.2	37.2	
≥ 11000	31.8	33.6	35.8	36.8	36.8	37.7	38.0	38.7	38.8	38.8	38.8	38.9	38.9	39.0	39.0	
≥ 9000	32.8	34.6	36.8	37.8	37.8	38.7	39.0	39.6	39.6	39.8	39.8	39.9	39.9	40.0	40.0	
≥ 8000	36.5	38.3	40.6	41.9	42.0	43.1	43.4	44.1	44.2	44.2	44.2	44.3	44.3	44.4	44.4	
≥ 7000	37.3	39.2	41.5	42.7	42.8	43.9	44.3	44.9	45.0	45.0	45.0	45.2	45.2	45.3	45.3	
≥ 6000	37.3	39.2	41.5	42.7	42.8	43.9	44.3	44.9	45.0	45.0	45.0	45.2	45.2	45.3	45.3	
≥ 5000	38.9	40.9	43.2	44.4	44.5	45.6	46.1	47.0	47.1	47.1	47.1	47.4	47.4	47.5	47.5	
≥ 4500	41.0	43.2	45.6	46.9	47.0	48.2	48.8	49.7	49.8	49.8	49.8	50.0	50.0	50.1	50.1	
≥ 4000	46.6	47.9	51.0	52.5	52.6	54.3	54.8	55.7	55.8	55.8	55.8	56.2	56.3	56.4	56.4	
≥ 3500	46.6	50.9	54.1	55.6	55.7	57.7	58.3	59.1	59.3	59.3	59.3	59.6	59.7	59.8	59.8	
≥ 3000	53.4	55.9	59.9	61.6	61.7	63.7	64.3	65.3	65.6	65.6	65.6	66.0	66.1	66.2	66.2	
≥ 2500	56.4	59.4	63.9	65.7	66.0	68.1	68.9	70.0	70.4	70.4	70.4	70.7	70.8	70.9	70.9	
≥ 2000	58.4	61.3	67.1	69.4	69.6	72.0	73.1	74.4	74.8	74.8	74.8	75.1	75.2	75.3	75.3	
≥ 1800	58.5	61.5	67.2	69.5	69.7	72.2	73.3	74.7	75.0	75.0	75.0	75.3	75.4	75.6	75.6	
≥ 1500	62.2	63.3	69.3	71.7	71.9	74.6	75.7	77.0	77.3	77.3	77.3	77.6	77.8	77.9	77.9	
≥ 1200	62.4	65.9	72.6	75.3	75.7	78.5	80.0	81.4	81.7	81.7	81.7	82.2	82.3	82.4	82.4	
≥ 1000	64.0	67.7	75.0	77.9	78.2	81.4	82.9	84.5	84.9	84.9	84.9	85.4	85.6	85.7	85.7	
≥ 900	64.8	68.7	76.1	79.1	79.4	82.6	84.4	85.9	86.6	86.6	86.6	87.0	87.2	87.3	87.3	
≥ 800	65.2	69.4	76.9	80.0	80.3	84.0	86.0	87.7	88.3	88.3	88.3	88.8	89.0	89.1	89.1	
≥ 700	65.5	69.7	77.2	80.3	80.6	84.8	87.0	88.8	89.4	89.4	89.4	89.9	90.1	90.2	90.2	
≥ 600	65.6	69.8	77.4	80.5	80.8	85.2	87.4	89.6	90.3	90.3	90.3	90.7	91.2	91.3	91.3	
≥ 500	65.6	69.9	77.8	80.8	81.2	85.8	88.0	90.2	91.0	91.0	91.0	91.6	92.1	92.2	92.3	
≥ 400	65.6	69.9	77.8	80.9	81.3	86.1	88.7	91.1	92.4	92.4	92.5	93.5	94.3	94.4	94.5	
≥ 300	65.6	69.9	77.9	81.2	81.5	86.3	88.9	91.3	93.1	93.1	93.3	94.7	95.9	96.5	97.2	
≥ 200	65.6	69.9	77.9	81.2	81.5	86.3	88.9	91.4	93.2	93.3	93.6	95.2	96.5	97.5	99.1	
≥ 100	65.6	69.9	77.9	81.2	81.5	86.3	88.9	91.4	93.2	93.3	93.6	95.3	96.7	98.0	100.0	
≥ 0	65.6	69.9	77.9	81.2	81.5	86.3	88.9	91.4	93.2	93.3	93.6	95.3	96.7	98.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 904

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1510-1700 (HOUR LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9C	≥5 GE8	≥4 GE6C	≥3 GE48	≥2½ GE4C	≥2 GE32	≥1½ GE24	≥1¼ GE2C	≥1 GE16	≥¾ GE12	≥⅝ GE1C	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GEC
NO CEILING		25.2	26.5	28.1	28.6	28.9	29.5	30.1	30.3	30.5	30.6	30.6	30.6	30.7	30.7	30.8
≥ 20000		29.2	30.7	32.3	33.2	33.6	34.5	35.4	35.6	35.9	36.1	36.1	36.1	36.2	36.2	36.3
≥ 18000		29.2	30.7	32.3	33.2	33.6	34.5	35.4	35.6	35.9	36.1	36.1	36.1	36.2	36.2	36.3
≥ 6000		29.2	30.7	32.3	33.2	33.6	34.5	35.4	35.6	35.9	36.1	36.1	36.1	36.2	36.2	36.3
≥ 5000		29.5	31.0	32.7	33.6	33.9	34.9	35.8	36.0	36.2	36.4	36.4	36.4	36.5	36.5	36.6
≥ 4500		29.7	31.2	33.1	34.0	34.3	35.3	36.2	36.4	36.6	36.9	37.0	37.0	37.1	37.1	37.2
≥ 4000		31.7	33.2	35.5	36.4	36.7	37.8	38.7	38.9	39.2	39.4	39.5	39.5	39.6	39.6	39.7
≥ 3500		32.3	33.9	36.2	37.1	37.4	38.5	39.4	39.6	39.8	40.0	40.2	40.2	40.3	40.3	40.4
≥ 3000		35.4	37.0	39.4	40.3	40.6	41.7	42.9	43.1	43.3	43.6	43.7	43.7	43.8	43.8	43.9
≥ 2500		36.9	38.4	40.8	41.7	42.0	43.1	44.4	44.7	44.9	45.1	45.2	45.2	45.3	45.3	45.4
≥ 2000		37.4	38.9	41.5	42.4	42.7	43.8	45.1	45.3	45.5	45.8	45.9	45.9	46.0	46.0	46.1
≥ 1800		39.4	40.9	43.5	44.3	44.7	45.8	47.1	47.3	47.5	47.7	47.9	47.9	48.0	48.0	48.1
≥ 1500		40.8	42.4	45.4	46.4	46.8	47.9	49.4	49.6	49.8	50.1	50.2	50.2	50.3	50.3	50.4
≥ 1000		45.3	46.9	50.1	51.0	51.4	52.7	54.3	54.6	54.9	55.1	55.2	55.2	55.3	55.3	55.4
≥ 900		49.6	51.3	54.7	55.8	56.1	57.9	59.7	60.0	60.3	60.5	60.6	60.6	60.7	60.7	60.8
≥ 800		56.1	58.1	61.8	63.0	63.4	65.1	67.1	67.3	67.7	67.9	68.0	68.0	68.1	68.1	68.2
≥ 700		59.5	61.6	65.6	66.8	67.1	69.1	71.4	71.6	71.9	72.2	72.3	72.3	72.4	72.4	72.5
≥ 600		62.5	64.6	69.2	71.2	71.7	74.4	76.7	77.1	77.4	77.7	77.8	77.8	77.9	77.9	78.0
≥ 500		63.1	65.2	70.0	71.8	72.5	75.5	77.8	78.2	78.5	78.8	78.9	78.9	79.0	79.0	79.1
≥ 400		64.8	67.3	72.3	74.1	74.9	78.1	80.6	81.4	81.8	82.1	82.2	82.2	82.3	82.3	82.4
≥ 300		66.9	69.5	75.1	77.1	77.9	81.2	83.8	84.6	85.0	85.3	85.4	85.4	85.5	85.5	85.6
≥ 200		67.5	70.3	76.1	78.3	79.1	82.9	85.7	86.8	87.2	87.5	87.6	87.6	87.7	87.7	87.8
≥ 100		67.9	70.6	76.5	78.7	79.4	83.3	86.0	87.1	87.6	87.8	87.9	87.9	88.0	88.0	88.1
≥ 0		68.2	71.1	76.9	79.3	80.1	84.0	87.2	88.4	89.2	89.5	89.7	89.7	89.8	89.8	89.9
		68.4	71.3	77.1	79.5	80.3	84.4	87.7	89.1	90.2	90.5	90.6	90.6	90.8	90.8	90.9
		68.4	71.3	77.1	79.5	80.3	84.4	87.7	89.4	90.5	90.9	91.0	91.1	91.2	91.2	91.3
		68.6	71.6	77.6	80.1	80.9	84.9	88.3	90.1	91.3	91.7	91.9	92.0	92.1	92.1	92.2
		68.6	71.6	77.6	80.1	80.9	84.9	88.4	90.4	91.6	92.3	92.7	92.8	93.1	93.2	93.5
		68.6	71.6	77.6	80.1	80.9	84.9	88.4	90.4	92.1	92.8	93.4	93.5	94.2	94.9	95.9
		68.6	71.6	77.6	80.1	80.9	84.9	88.4	90.4	92.3	93.2	93.8	94.8	96.1	97.0	98.6
		68.6	71.6	77.6	80.1	80.9	84.9	88.4	90.4	92.3	93.2	93.8	94.8	96.5	97.7	100.0
		68.6	71.6	77.6	80.1	80.9	84.9	88.4	90.4	92.3	93.2	93.8	94.8	96.5	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 909

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1800-2000~~ HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (>16)	≥6 (GE9.)	≥5 (GE8.)	≥4 (GE6.)	≥3 (GE4.)	≥2½ (GE4.)	≥2 (GE3.)	≥1½ (GE2.)	≥1¼ (GE2.)	≥1 (GE1.)	≥¾ (GE1.)	≥⅝ (GE1.)	≥½ (GE0.)	≥5/16 (GE0.)	≥¼ (GE0.)	≥0 (GE0.)
NO CEILING		26.2	28.6	30.9	31.6	31.8	34.3	35.7	35.8	35.8	35.8	35.8	35.8	35.8	36.1	36.6
≥ 29000		29.9	32.9	35.8	36.4	36.7	39.2	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.3	41.8
≥ 18000		29.9	32.9	35.8	36.4	36.7	39.2	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.3	41.8
≥ 9000		29.9	32.9	35.8	36.4	36.7	39.2	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.3	41.8
≥ 14000		29.9	32.9	35.8	36.4	36.7	39.2	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.3	41.8
≥ 5000		30.1	33.2	36.1	36.7	37.1	39.5	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.6	42.1
≥ 10000		32.4	35.4	38.7	39.3	39.6	42.1	43.8	43.9	43.9	43.9	43.9	43.9	43.9	44.2	44.7
≥ 3000		32.6	35.7	38.9	39.6	39.9	42.4	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.5	45.0
≥ 8000		34.9	39.3	41.7	42.4	42.6	45.1	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.2	47.8
≥ 2700		35.4	38.8	42.2	42.9	43.3	45.8	47.5	47.8	47.8	47.8	47.8	47.8	47.8	48.0	48.6
≥ 6000		35.8	39.2	42.6	43.3	43.7	46.2	47.9	48.2	48.2	48.2	48.2	48.2	48.2	48.4	48.9
≥ 5000		37.8	41.2	44.6	45.3	45.7	48.2	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.4	50.9
≥ 4500		39.7	43.3	47.6	48.6	48.9	51.4	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.7	54.2
≥ 4000		42.8	46.6	51.2	52.1	52.5	55.0	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.4	57.9
≥ 3500		46.1	49.9	54.7	55.8	56.3	58.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.4	62.0
≥ 1000		49.9	54.5	59.6	60.7	61.2	63.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.4	67.0
≥ 2500		52.0	56.6	61.8	62.9	63.4	66.3	68.3	68.6	68.7	68.7	68.8	68.8	68.8	69.1	69.6
≥ 2000		55.7	60.8	67.2	68.7	69.2	73.0	75.0	75.3	75.5	75.5	75.7	75.7	75.7	75.9	76.4
≥ 1800		56.3	61.4	67.9	69.5	70.0	74.1	76.1	76.3	76.6	76.6	76.7	76.7	76.7	77.0	77.5
≥ 1500		60.1	65.8	73.1	75.1	75.7	80.1	82.1	82.4	82.9	82.9	83.0	83.0	83.0	83.3	83.8
≥ 1200		62.0	67.6	75.1	77.5	78.0	83.0	85.1	85.4	86.1	86.1	86.2	86.2	86.2	86.4	87.0
≥ 1000		63.0	68.7	76.2	78.8	79.5	84.7	87.2	87.5	88.2	88.2	88.3	88.3	88.3	88.6	89.1
≥ 900		63.2	68.8	76.3	78.9	79.6	85.0	87.6	87.9	88.6	88.6	88.7	88.7	88.7	88.9	89.5
≥ 800		63.2	68.9	76.6	79.2	79.9	85.3	87.9	88.2	88.8	88.8	88.9	88.9	88.9	89.2	89.7
≥ 700		63.3	69.1	76.7	79.5	80.1	85.5	88.6	88.9	89.7	89.7	89.9	89.9	89.9	90.1	90.7
≥ 600		63.4	69.3	77.4	80.1	80.8	86.2	89.2	90.0	90.8	90.8	90.9	90.9	90.9	91.3	91.8
≥ 500		63.7	69.6	77.6	80.5	81.2	86.6	89.7	90.8	91.7	91.7	91.8	92.0	92.0	92.4	92.9
≥ 400		63.7	69.6	77.6	80.5	81.2	86.8	90.4	91.8	92.8	92.8	93.2	93.3	93.3	93.7	94.2
≥ 300		63.7	69.6	77.6	80.5	81.2	86.8	90.4	92.0	93.6	93.6	93.9	94.2	94.5	94.9	96.3
≥ 200		63.7	69.6	77.6	80.5	81.2	86.8	90.4	92.0	94.1	94.5	95.0	95.4	95.7	96.1	98.6
≥ 100		63.7	69.6	77.6	80.5	81.2	86.8	90.4	92.0	94.1	94.5	95.0	95.4	95.7	96.4	100.0
= 0		63.7	69.6	77.6	80.5	81.2	86.8	90.4	92.0	94.1	94.5	95.0	95.4	95.7	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 ALCONBURY RAF UK 73-82 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¾ GE2	≥1½ GE2	≥1 GE1	¾ GE1	½ GE1	¼ GE0	≥5/16 GE0	≥0 GE0	≥0 GE0
NO CEILING		25.1	29.0	32.1	32.6	32.7	34.4	35.1	35.6	36.1	36.1	36.1	36.8	36.8	37.1	37.8
≥ 20000		27.3	30.4	34.5	35.2	35.5	37.2	37.9	38.5	39.0	39.0	39.0	39.7	39.7	39.9	40.6
≥ 18000		27.3	30.4	34.5	35.2	35.5	37.2	37.9	38.5	39.0	39.0	39.0	39.7	39.7	39.9	40.6
≥ 16000		27.3	30.4	34.5	35.2	35.5	37.2	37.9	38.5	39.0	39.0	39.0	39.7	39.7	39.9	40.6
≥ 14000		27.4	30.6	34.6	35.3	35.6	37.4	38.0	38.6	39.1	39.1	39.1	39.8	39.8	40.1	40.8
≥ 12000		29.2	32.3	36.4	37.1	37.5	39.3	40.2	40.9	41.3	41.3	41.3	42.0	42.0	42.3	42.9
≥ 10000		30.8	34.0	38.0	38.7	39.1	40.9	41.8	42.4	42.9	42.9	42.9	43.6	43.6	43.9	44.6
≥ 9000		33.0	36.3	40.8	41.8	42.3	44.0	45.0	45.5	46.1	46.1	46.1	46.7	46.7	47.0	47.7
≥ 8000		33.5	37.2	41.7	43.1	43.5	45.2	46.2	46.7	47.3	47.3	47.3	48.0	48.0	48.2	48.9
≥ 7000		34.4	37.8	42.3	43.6	44.0	45.8	46.7	47.3	47.8	47.8	47.8	48.5	48.5	48.8	49.5
≥ 6000		37.2	40.8	45.2	46.6	47.0	48.8	49.7	50.3	50.8	50.8	50.8	51.5	51.5	51.8	52.4
≥ 5000		39.0	42.7	47.8	49.2	49.6	51.4	52.3	52.9	53.4	53.4	53.4	54.1	54.1	54.3	55.0
≥ 4500		42.9	46.9	52.2	53.5	53.9	55.7	57.2	57.7	58.3	58.3	58.3	59.0	59.0	59.2	59.9
≥ 4000		45.8	49.9	55.6	56.9	57.3	59.5	61.0	61.5	62.1	62.1	62.1	62.8	62.8	63.0	63.7
≥ 3500		47.4	51.6	58.0	59.6	60.1	62.4	64.0	64.5	65.1	65.1	65.1	65.8	65.8	66.0	66.7
≥ 3000		50.4	54.6	61.4	63.3	63.7	66.3	67.9	68.5	69.0	69.0	69.0	69.7	69.7	70.0	70.7
≥ 2500		54.5	59.0	66.6	69.6	69.0	71.6	73.6	74.2	74.7	74.7	74.7	75.4	75.4	75.7	76.4
≥ 2000		54.8	59.2	66.8	68.9	69.3	72.0	74.3	75.0	75.5	75.5	75.5	76.2	76.2	76.5	77.2
≥ 1800		57.2	62.1	70.5	73.0	73.4	76.4	78.8	79.5	80.2	80.2	80.2	80.8	80.8	81.1	81.8
≥ 1600		59.1	64.3	72.8	75.4	76.1	80.0	82.7	83.4	84.1	84.1	84.1	84.8	84.8	85.1	85.7
≥ 1500		60.5	65.9	75.1	78.1	78.9	82.9	85.7	86.4	87.1	87.1	87.2	87.9	87.9	88.2	88.9
≥ 1400		61.0	66.6	75.8	78.8	79.6	83.6	86.4	87.1	87.8	87.8	87.9	88.6	88.6	88.9	89.5
≥ 1300		61.3	67.0	76.4	79.5	80.3	84.4	87.5	88.2	88.9	88.9	89.0	89.7	89.7	89.9	90.6
≥ 1200		61.3	67.1	76.6	79.8	80.6	84.6	88.2	88.9	89.7	89.7	89.8	90.5	90.5	90.8	91.4
≥ 1100		61.3	67.4	76.9	80.0	80.8	84.9	88.6	89.5	90.5	90.5	90.6	91.3	91.4	91.7	92.4
≥ 1000		61.4	67.5	77.2	80.3	81.1	85.2	88.9	89.9	91.2	91.2	91.3	92.0	92.1	92.4	93.1
≥ 900		61.4	67.5	77.2	80.3	81.1	85.3	89.3	90.6	91.8	91.8	92.1	92.8	93.1	93.3	94.0
≥ 800		61.5	67.7	77.3	80.4	81.3	85.6	89.7	91.2	93.3	93.3	93.8	94.4	95.2	95.5	96.9
≥ 700		61.5	67.7	77.3	80.4	81.3	85.6	89.7	91.2	93.9	93.9	94.3	95.0	95.9	96.2	99.2
≥ 600		61.5	67.7	77.3	80.4	81.3	85.6	89.7	91.2	93.9	93.9	94.3	95.0	95.9	96.5	100.0
≥ 0		61.5	67.7	77.3	80.4	81.3	85.6	89.7	91.2	93.9	93.9	94.3	95.0	95.9	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 736

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25521 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL (HOURS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (GE9.0)	≥5 (GE8.0)	≥4 (GE6.0)	≥3 (GE4.8)	≥2½ (GE4.0)	≥2 (GE3.2)	≥1½ (GE2.4)	≥1¼ (GE2.0)	≥1 (GE1.6)	⅞ (GE1.2)	¾ (GE1.0)	⅝ (GE0.8)	½ (GE0.5)	⅜ (GE0.4)	¼ (GE0.)
NO CEILING	23.7	25.4	28.5	29.2	29.4	30.7	31.4	31.6	31.7	31.8	31.8	31.9	32.0	32.1	32.4	
≥ 20000	27.3	29.2	32.5	33.5	33.6	35.1	35.8	36.1	36.2	36.2	36.3	36.4	36.5	36.6	37.1	
≥ 18000	27.4	29.3	32.6	33.6	33.7	35.2	35.9	36.2	36.3	36.4	36.4	36.5	36.6	36.7	37.2	
≥ 6000	27.4	29.3	32.6	33.6	33.7	35.2	35.9	36.2	36.3	36.4	36.4	36.5	36.6	36.7	37.2	
≥ 4000	27.4	29.4	32.7	33.6	33.8	35.2	36.0	36.2	36.4	36.4	36.5	36.6	36.7	36.8	37.3	
≥ 3000	27.6	29.6	33.0	33.9	34.1	35.5	36.3	36.5	36.7	36.7	36.8	36.9	37.0	37.1	37.6	
≥ 10000	29.1	31.1	34.7	35.6	35.8	37.3	38.1	38.3	38.5	38.5	38.6	38.7	38.8	38.9	39.4	
≥ 9000	30.0	31.9	35.5	36.5	36.7	38.2	39.0	39.2	39.4	39.4	39.5	39.6	39.7	39.8	40.3	
≥ 8000	32.7	34.8	38.6	39.7	40.0	41.6	42.5	42.7	42.9	43.0	43.0	43.2	43.3	43.4	43.9	
≥ 7000	33.5	35.6	39.4	40.7	40.9	42.5	43.4	43.7	43.9	44.0	44.0	44.1	44.2	44.3	44.9	
≥ 6000	33.9	36.0	39.9	41.1	41.4	43.0	44.0	44.2	44.4	44.5	44.5	44.7	44.8	44.9	45.4	
≥ 5000	36.1	38.3	42.2	43.5	43.7	45.4	46.3	46.7	46.9	46.9	47.0	47.1	47.2	47.4	47.9	
≥ 4500	37.8	40.1	44.3	45.7	46.0	47.7	48.7	49.0	49.2	49.3	49.3	49.5	49.6	49.8	50.2	
≥ 4000	41.6	44.3	48.8	50.3	50.6	52.5	53.7	54.0	54.3	54.4	54.5	54.6	54.7	54.9	55.4	
≥ 3500	45.3	47.9	52.7	54.3	54.6	56.8	58.1	58.4	58.7	58.8	58.8	59.0	59.1	59.3	59.8	
≥ 3000	49.1	52.1	57.4	59.1	59.4	61.7	63.0	63.4	63.8	63.9	63.9	64.2	64.3	64.5	64.9	
≥ 2500	52.2	55.3	61.0	62.8	63.2	65.7	67.2	67.6	68.1	68.1	68.2	68.4	68.6	68.7	69.2	
≥ 2000	55.8	59.1	65.7	67.9	68.3	71.5	73.1	73.6	74.0	74.1	74.2	74.4	74.6	74.8	75.3	
≥ 1800	56.3	59.7	66.5	68.7	69.1	72.4	74.1	74.6	75.1	75.2	75.3	75.5	75.6	75.8	76.3	
≥ 1600	58.9	62.5	69.8	72.2	72.7	76.2	77.9	78.5	79.1	79.3	79.4	79.6	79.7	79.9	80.4	
≥ 1400	61.1	64.9	72.6	75.2	75.8	79.6	81.5	82.1	82.7	82.9	83.0	83.2	83.4	83.5	84.0	
≥ 1200	62.4	66.4	74.4	77.2	77.8	81.9	83.9	84.6	85.2	85.4	85.5	85.8	85.9	86.2	86.6	
≥ 1000	62.8	66.8	75.1	77.9	78.5	82.6	84.7	85.4	86.1	86.3	86.4	86.7	86.8	87.1	87.5	
≥ 900	63.1	67.2	75.8	78.7	79.3	83.6	85.8	86.6	87.4	87.6	87.7	88.0	88.1	88.4	88.8	
≥ 800	63.3	67.4	76.1	79.0	79.7	84.1	86.5	87.4	88.3	88.5	88.6	88.9	89.1	89.3	89.8	
≥ 700	63.4	67.6	76.4	79.3	80.0	84.4	87.0	88.1	89.0	89.3	89.4	89.8	90.0	90.2	90.7	
≥ 600	63.5	67.8	76.8	79.8	80.6	85.1	87.8	89.0	90.1	90.4	90.5	90.9	91.2	91.4	92.1	
≥ 500	63.6	67.9	76.9	80.0	80.8	85.6	88.5	89.9	91.1	91.5	91.8	92.2	92.7	92.9	93.7	
≥ 400	63.6	68.0	77.0	80.1	80.9	85.7	88.8	90.3	91.9	92.3	92.7	93.2	94.1	94.8	96.3	
≥ 300	63.6	68.0	77.0	80.1	80.9	85.7	88.8	90.4	92.3	92.8	93.3	94.1	95.4	96.3	98.9	
≥ 200	63.6	68.0	77.0	80.1	80.9	85.7	88.8	90.4	92.3	92.8	93.3	94.2	95.6	96.7	100.0	
< 200	63.6	68.0	77.0	80.1	80.9	85.7	88.8	90.4	92.3	92.8	93.3	94.2	95.6	96.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 6227

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75621 (STATION) ALCONBURY RAF UK (STATION NAME) '73-87 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9C	≥5 GE8C	≥4 GE6C	≥3 GE4C	≥2½ GE4C	≥2 GE32	≥1½ GE24	≥1¼ GE2C	≥1 GE16	⅞ GE12	¾ GE1C	⅝ GE0C	½ GE08	5/16 GE05	¼ GE04	0 GE0
NO CEILING		27.3	28.4	30.8	31.6	31.7	32.6	33.1	33.3	33.5	33.6	33.6	33.7	33.9	34.0	34.3
≥ 20000		32.9	34.2	37.2	38.1	38.3	39.3	39.8	40.1	40.4	40.4	40.5	40.6	40.8	40.9	41.3
≥ 18000		33.0	34.3	37.3	38.2	38.4	39.4	40.0	40.2	40.5	40.6	40.7	40.8	40.9	41.0	41.4
≥ 6000		33.0	34.3	37.3	38.2	38.4	39.4	40.0	40.2	40.6	40.6	40.7	40.8	40.9	41.1	41.4
≥ 4000		33.1	34.4	37.4	38.3	38.5	39.5	40.1	40.3	40.7	40.7	40.8	40.9	41.0	41.1	41.5
≥ 2000		33.6	34.9	37.9	38.8	39.0	40.0	40.6	40.9	41.2	41.2	41.3	41.4	41.5	41.7	42.0
≥ 10000		35.7	37.0	40.2	41.2	41.4	42.5	43.1	43.4	43.7	43.7	43.8	43.9	44.1	44.2	44.6
≥ 9000		36.7	38.1	41.4	42.3	42.6	43.6	44.3	44.5	44.9	44.9	45.0	45.1	45.2	45.4	45.8
≥ 8000		40.4	41.9	45.5	46.6	46.8	48.0	48.7	49.0	49.3	49.4	49.5	49.6	49.7	49.9	50.3
≥ 7000		41.3	42.8	46.5	47.6	47.8	49.1	49.8	50.1	50.4	50.5	50.6	50.7	50.9	51.0	51.4
≥ 6000		41.6	43.2	46.9	48.0	48.3	49.5	50.2	50.5	50.9	51.0	51.0	51.1	51.3	51.4	51.8
≥ 5000		43.9	45.6	49.5	50.8	51.0	52.3	53.1	53.4	53.8	53.9	54.0	54.1	54.3	54.4	54.8
≥ 4500		46.7	48.4	52.7	53.9	54.2	55.6	56.4	56.7	57.2	57.2	57.3	57.4	57.6	57.7	58.1
≥ 4000		51.5	53.4	58.1	59.4	59.8	61.3	62.2	62.5	63.0	63.1	63.1	63.3	63.4	63.6	64.0
≥ 3500		55.7	57.7	62.7	64.2	64.5	66.1	67.1	67.5	68.0	68.0	68.1	68.2	68.4	68.6	69.0
≥ 3000		59.8	62.0	67.4	68.9	69.3	71.0	72.1	72.5	73.0	73.1	73.2	73.3	73.5	73.6	74.1
≥ 2500		62.2	64.5	70.2	71.9	72.3	74.2	75.3	75.7	76.3	76.4	76.4	76.6	76.8	76.9	77.3
≥ 2000		65.3	67.8	74.1	75.9	76.4	78.4	79.6	80.1	80.7	80.8	80.9	81.0	81.2	81.4	81.8
≥ 1800		66.0	68.5	74.8	76.7	77.2	79.3	80.5	81.0	81.6	81.7	81.8	81.9	82.1	82.3	82.7
≥ 1500		68.1	70.8	77.7	79.7	80.2	82.4	83.8	84.3	84.9	85.0	85.1	85.3	85.5	85.6	96.0
≥ 1200		69.9	72.7	80.0	82.2	82.7	85.2	86.6	87.2	87.9	88.0	88.1	88.3	88.5	88.6	89.0
≥ 1000		70.8	73.8	81.4	83.8	84.3	86.9	88.5	89.1	89.8	90.0	90.1	90.2	90.5	90.6	91.0
≥ 900		71.2	74.2	82.0	84.4	84.9	87.6	89.2	89.8	90.6	90.7	90.9	91.0	91.2	91.4	91.8
≥ 800		71.5	74.6	82.5	85.1	85.6	88.4	90.1	90.7	91.6	91.7	91.8	92.0	92.2	92.4	92.8
≥ 700		71.7	74.9	83.0	85.6	86.2	89.1	90.9	91.6	92.5	92.7	92.8	93.0	93.2	93.4	93.8
≥ 600		71.8	75.0	83.3	86.0	86.6	89.6	91.6	92.4	93.4	93.6	93.7	93.9	94.2	94.3	94.8
≥ 500		71.9	75.1	83.5	86.3	87.0	90.2	92.3	93.1	94.3	94.5	94.6	94.9	95.1	95.3	95.8
≥ 400		72.0	75.2	83.7	86.6	87.2	90.5	92.8	93.8	95.1	95.4	95.6	95.8	96.2	96.4	96.9
≥ 300		72.0	75.2	83.7	86.6	87.3	90.7	93.1	94.2	95.7	96.0	96.3	96.6	97.1	97.4	98.2
≥ 200		72.0	75.2	83.7	86.7	87.3	90.7	93.1	94.3	95.9	96.2	96.6	97.0	97.6	98.1	99.3
≥ 100		72.0	75.2	83.7	86.7	87.3	90.7	93.1	94.3	95.9	96.3	96.6	97.1	97.8	98.4	99.9
≥ 0		72.0	75.2	83.7	86.7	87.3	90.7	93.1	94.3	95.9	96.3	96.6	97.1	97.8	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 73531

USAF ETAC FORM 0-14-5 (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 tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

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

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

Continued on Reverse

E

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

035621 ALCONBURY RAF UK 55-83
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
90	-	-	-	-	-	.4	.5	.3	-	-	-	-	.1
85	-	-	-	-	-	1.3	2.3	1.3	-	-	-	-	.4
80	-	-	-	-	.2	4.3	5.5	5.7	.8	-	-	-	1.3
75	-	-	-	.1	.1	2.1	12.1	18.2	15.6	4.8	1.0	-	4.4
70	-	-	-	.5	.8	9.5	29.2	40.0	41.0	20.2	2.6	-	11.7
65	-	-	-	1.2	5.3	22.4	55.2	72.1	73.8	49.9	11.9	.1	-	23.8
60	-	-	.5	4.6	17.1	52.6	85.5	95.7	97.7	85.5	36.7	3.3	.1	39.3
55	-	1.3	2.9	16.2	43.4	81.3	98.1	99.7	99.9	97.7	70.4	18.5	5.1	52.3
50	-	16.8	21.2	45.0	72.9	96.7	99.9	100.0	100.0	99.9	93.1	46.7	23.3	67.6
45	-	43.1	45.2	71.5	91.1	100.0	100.0	-	-	100.0	99.6	76.5	47.8	81.0
40	-	64.8	70.7	90.3	98.9	-	-	-	-	-	100.0	94.2	73.2	90.9
35	-	86.5	92.5	99.3	100.0	-	-	-	-	-	-	99.4	92.7	97.5
30	-	97.6	99.9	100.0	-	-	-	-	-	-	-	99.9	99.0	99.7
25	-	99.6	100.0	-	-	-	-	-	-	-	-	100.0	100.0	100.0
20	-	99.9	-	-	-	-	-	-	-	-	-	-	-	100.0
15	-	100.0	-	-	-	-	-	-	-	-	-	-	-	100.0
MEAN	-	42.6	43.7	48.4	53.3	60.2	66.3	68.7	68.9	65.0	57.5	48.8	44.0	55.6
S D	-	6.741	6.338	6.571	6.472	6.480	6.898	6.394	5.821	5.465	5.831	5.845	6.534	11.522
TOTAL OBS	-	829	750	827	800	829	775	775	775	768	810	796	831	9565

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

035621 ALCONBURY RAF UK 55-83
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
70	.	.	.	.	.	.1	.1	.1	.1	.1	.	.	.1
65	.	.	.	.	.	.	.5	.6	1.0	.5	.	.	.2
60	.	.	.	.	.1	.7	2.7	9.8	9.7	3.3	.6	.	2.2
55	.	.	.	.	.5	2.1	17.5	42.5	41.9	20.3	5.7	1.0	10.7
50	.2	.5	1.6	4.1	17.4	56.8	85.2	81.8	58.1	26.5	6.0	1.8	27.7
45	6.4	5.3	7.7	19.4	55.4	89.8	98.8	97.9	87.1	55.7	19.1	9.1	45.4
40	21.0	19.6	28.3	53.3	86.4	99.0	99.9	100.0	98.6	82.6	45.5	24.8	62.8
35	52.4	47.3	66.7	83.9	98.2	100.0	100.0	.	99.9	96.9	76.9	57.9	81.5
33	63.8	62.1	78.7	92.3	99.4	.	.	.	100.0	98.8	85.9	70.8	87.5
30	79.7	81.3	89.7	98.0	100.0	.	.	.	.	99.9	94.3	84.5	93.9
25	91.9	95.6	97.1	99.8	.	.	.	.	.	100.0	98.7	94.7	98.1
20	96.9	98.9	99.6	100.0	.	.	.	.	.	.	100.0	98.4	99.5
15	99.2	99.9	99.9	.	.	.	.	.	.	.	.	100.0	99.9
10	99.5	100.0	100.0	.	.	.	.	.	.	.	.	.	100.0
5	99.9	.	.	.	.	.	.	.	.	.	.	.	100.0
0	100.0	.	.	.	.	.	.	.	.	.	.	.	100.0
MEAN	34.4	34.4	36.6	39.9	45.1	50.2	53.6	53.5	50.3	45.4	39.1	35.6	43.2
S D	7.030	6.035	5.839	5.450	4.880	4.629	4.325	4.568	4.988	5.843	6.381	6.713	9.029
TOTAL OBS	829	750	827	800	829	775	775	775	768	810	796	831	9565

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

03562 (STATION) ALCONBURY RAF UK (STATION NAME) 55-83 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
80						.1							.0
75						.8	.8	.6	.1				.2
70					.1	2.7	5.0	4.4	.5				1.0
65					1.3	10.7	23.9	22.6	7.3	.7			5.4
60			.1	.6	9.4	39.6	63.2	63.0	34.2	6.8	.3		17.7
55		.3	1.8	7.9	34.9	78.8	95.7	96.9	78.4	29.5	3.8	.5	35.0
50	3.4	3.5	11.0	32.5	76.8	98.2	99.9	100.0	96.9	65.9	18.1	6.7	50.5
45	20.5	20.0	38.8	65.3	95.7	99.9	100.0		99.9	91.2	46.5	25.5	66.6
40	49.2	48.9	72.7	91.3	99.9	100.0			100.0	99.3	79.9	54.3	82.8
35	73.6	77.5	92.9	99.8	100.0					100.0	96.2	81.6	93.4
30	91.6	96.9	99.3	100.0							99.4	94.7	98.5
25	98.1	99.5	99.9								100.0	99.4	99.7
20	99.6	100.0	100.0									100.0	100.0
15	99.8												100.0
10	100.0												100.0
MEAN	38.8	39.3	42.7	46.9	52.9	58.5	61.4	61.9	57.9	51.7	44.2	40.1	49.7
S D	6.604	5.827	5.569	5.317	4.908	4.985	4.603	4.337	4.497	5.258	5.766	6.327	9.917
TOTAL OBS	829	750	827	800	829	775	775	775	768	810	796	831	9565

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

035621 (STATION) ALCONBURY RAF UK (STATION NAME) 55-83 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
55									* 71	67	62	58	
56	* 52												
57	*	56*	66*	65	72	90	85	77	69	66	54	56	
58	55	58	58	70	75	74	79	78	78	63	55	54	79
59	54	63	62	66	79	83	91	84	82	76	58	55	91
60	54	60	59	64	75	83	71	73	73	65	60	55	83
61	52	59	69	65	73	84	85	86	81	70	58	57	86
62	54	56	56	67	67	77	79	72	75	67	56	56	79
63	41	42	57	65	80	78	80	73	75	69	61	50	80
64	52	55	53	68	78	73	77	89	76	66	57	56	89
65	52	48	71	62	80	74	72	76	71	70	59	56	80
66	54	57	55	69	77	80	74	78	72	68	58	54	80
67	54	55	65	67	75	72	83	77	73	69	62	54	83
68	54	45	77	75	72	81	88	81	77	68	57	52	88
69	56	49	57	72	74	77	90	83	73	77	65	52	90
70	49	54	61	61	72	81	88	81	79	70	63	53	88
71	51	53	55	71	71	73	82	75	77	73	62	59	82
72	51	51	66	60	66	69*	66		*	62	59	57	
73	51	53	64	62	73	80	78	86	82	69	59	53	86
74	55	53	62	66	68	73	73	77	69	55	57	62	77
75	59	55	55	66	69	82	84	91	73	62	55	53	91
76	53	59	59	66	75	93	93	84	73	68	55	46	93
77	53	51	62	64	73	73	83	77	73	68	62	57	80
78	51	53	60	55	78	78	73	75	77	75	62	57	78
79	46	46	55	69*	78*	75	80	77	75	66	57*	57	80
80	* 48	54	55	70	72	81*	79	77	73	66*	61*	55	81
81	* 52	55	63*	66*	70	73*	81	79	75*	64*	61*	50	* 81
82	* 52	55	61	64	77	82	82	82*	75*	63*	63	57	82
83	57*	50	57	64	70								
MEAN	52.5	53.6	60.5	65.9	73.6	78.6	81.2	79.5	75.0	68.1	58.9	55.0	84.2
S D	3.824	4.866	5.680	4.232	3.904	5.738	6.264	5.026	3.648	4.785	2.968	3.210	5.050
TOTAL OBS	829	750	827	800	829	775	775	775	768	810	796	831	9565

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM AM 60 0-80-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

C35621 (STATION) ALCONBURY RAF UK (STATION NAME) 55-83 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
55									* 42	30	28	25	
56	* 26												
57	*	27*	34*	38	37	42	50	46	37	35	29	25	
58	18	25	23	26	37	44	45	47	39	37	31	29	18
59	19	29	35	36	35	44	48	45	43	35	23	30	19
60	23	26	29	32	39	45	45	46	41	35	32	29	23
61	26	34	30	35	35	43	45	46	44	31	24	18	18
62	27	25	21	32	34	35	45	44	40	30	24	17	17
63	5	14	24	32	35	45	42	43	40	39	32	16	5
64	18	20	24	33	39	40	46	43	38	32	21	18	18
65	26	25	11	27	33	42	38	46	43	38	23	21	11
66	15	28	24	31	35	36	45	43	41	35	30	27	15
67	23	29	31	26	31	41	46	44	39	37	28	24	23
68	17	21	26	24	36	45	46	44	42	42	30	24	17
69	30	15	27	30	39	37	48	44	36	42	26	28	15
70	21	24	15	26	42	42	46	44	44	37	28	26	15
71	24	28	24	33	35	42	44	46	44	35	28	33	24
72	17	30	30	33	39	42*	50		*	35	30	28	
73	28	21	28	28	37	41	42	46	42	28	21	19	19
74	21	28	26	35	35	41	44	44	33	33	30	35	21
75	33	24	30	28	37	39	48	44	39	33	26	26	24
76	26	28	26	30	37	42	48	46	44	37	32	21	21
77	26	28	30	28	33	41	46	46	44	41	28	28	26
78	24	17	30	28	39	42	44	46	44	37	21	21	17
79	17	24	30	32*	32*	44	48	44	37	36	27*	30	17
80	* 23	28	27	32	32	45*	45	46	48	34*	32*	28	* 23
81	* 28	25	34*	30*	34	43*	46	45	45*	34*	34*	19	* 19
82	* 1	19	28	23	32	48	46	48*	43*	39*	25	25	* 1
83	28*	21	30	32	39								
MEAN	22.1	24.6	26.7	30.1	35.9	41.9	45.4	45.0	41.1	35.2	27.2	24.8	18.3
S D	5.996	4.873	5.238	3.511	2.848	2.948	2.537	1.338	3.443	3.635	3.583	5.067	4.879
TOTAL OBS	829	750	827	800	829	775	775	775	768	810	796	831	9565

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM AP 64 0-88-3 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

235621 STATION | ALCONBURY RAF UK STATION NAME | 74-77,79,82-83 YEARS | JAN 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
54/ 53			1.9	.5														10	10		
52/ 51			3.1	.7														16	16	1	
50/ 49			3.8	1.0	.2													21	21	10	
48/ 47	.2	1.4	8.6	.5	.2													46	46	19	5
46/ 45	.2	4.3	7.9	.2	.2													54	54	31	15
44/ 43	.2	4.5	2.6	1.4														37	37	72	21
42/ 41	1.0	5.3	3.3	1.2														45	45	45	43
40/ 39	.5	3.1	5.7	.2														40	40	33	61
38/ 37	1.2	5.3	3.6															41	41	41	51
36/ 35	1.2	5.5	1.0															32	32	53	35
34/ 33	.5	4.3	1.9															28	28	38	30
32/ 31		1.9	1.2															13	13	26	34
30/ 29	.2	2.6																12	12	19	47
28/ 27	.2	2.6	.5															10	10	13	27
26/ 25		.2																1	1	8	18
24/ 23		.5																2	2	1	22
22/ 21	.5																	2	2	4	6
20/ 19	.2																	1	1	1	5
18/ 17		.2																1	1	1	5
16/ 11																					1
8/ 7		.2																1	1		
6/ 5	.2																	1	1	2	
4/ -1																					2
TOTAL	6.5	41.9	45.2	5.7	.7													418	418		418
																		418		418	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2655144	33058	79.1	9.881	418							
Dry Bulb	714753	17019	40.7	7.238	418		10.7					93
Wet Bulb	626057	15941	38.1	6.593	418		16.7					93
Dew Point	518943	18839	34.5	6.956	418	.4	38.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035621 STATION | ALCONBURY RAF UK STATION NAME | 74-83 YEARS | JAN 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
56/ 55				.1														1	1		
54/ 53			1.9	.1														15	15		
52/ 51		.4	1.5															14	14	5	
50/ 49			.9	.1														8	8	14	2
48/ 47	.3	.9	5.0	.4	.1													50	50	18	6
46/ 45	.7	6.5	5.3	.1														93	93	54	30
44/ 43	.5	2.6	3.5	1.1														57	57	74	40
42/ 41	1.1	5.7	2.8	1.1														79	79	70	63
40/ 39	.4	5.8	3.6	.3														74	74	53	67
38/ 37	1.6	3.9	5.3															78	78	85	79
36/ 35	.5	5.0	4.6															75	75	66	46
34/ 33	.4	3.8	3.6															58	58	104	54
32/ 31		2.7	1.6															32	32	61	41
30/ 29	.1	3.1	1.5															35	35	39	74
28/ 27	.5	4.9	.9															47	47	42	96
26/ 25		1.3	.3															12	12	29	47
24/ 23	.1																	1	1	13	33
22/ 21	.3																	2	2	4	15
20/ 19	.4																	3	3	3	22
18/ 17		.3																2	2	2	15
16/ 15		.1																1	1		
14/ 13																				1	
12/ 11																					6
8/ 7		.1																1	1		
6/ 5	.1	.4																4	4	2	1
4/ 3																				3	
2/ 1																					1
0/ -1																					4
TOTAL	7.1	47.4	42.3	3.2	.1													742	742	742	742

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.	4799627	59207	79.8	10.079	742							
Dry Bulb	1149019	28673	38.6	7.440	742		17.5					93
Wet Bulb	1016847	26957	36.3	7.113	742		24.9					93
Dew Point	843889	24309	32.8	8.006	742	.5	44.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) JAN (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
56/ 55			.1	.1														2	2		
54/ 53		.5	1.7	.4														21	21	3	
52/ 51		.2	1.5	.1														15	15	6	3
50/ 49			1.7	.2														16	16	15	3
48/ 47	.4	1.2	3.9	.7														51	51	21	6
46/ 45	.7	5.6	5.5	.9														100	100	69	40
44/ 43	.2	2.1	2.9	.5														47	47	52	31
42/ 41	.6	5.0	3.8	.5														81	81	89	70
40/ 39	.5	5.5	3.3															76	76	83	63
38/ 37	1.6	4.3	3.4															76	76	86	81
36/ 35	.2	6.8	4.3															93	93	66	64
34/ 33	.4	4.4	4.9															79	82	123	52
32/ 31		2.4	.6															25	25	68	61
30/ 29	.4	3.5	1.8															47	47	40	80
28/ 27	.4	3.6	1.2															44	44	49	105
26/ 25	.2	2.4	.2															24	24	35	47
24/ 23		.9	.1															8	8	21	39
22/ 21	.1	.4																4	4	9	20
20/ 19	.4																	3	3	7	23
18/ 17		.4																3	3	2	15
16/ 15		.1																1	1	2	12
14/ 13																					4
12/ 11																					6
10/ 9																					1
8/ 7	.1	.1																2	2	1	
6/ 5																				1	
4/ 3																					
2/ 1	.1																	1	1	1	1
0/ -1																					1
-2/ -3																					1
TOTAL	6.	34.	9.	2.															820		819
																		819		819	

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.	5269282	65232	79.6	9.489	819							
Dry Bulb	1254910	31456	38.4	7.634	820		18.4					93
Wet Bulb	1108295	29535	36.1	7.267	819		26.8					93
Dew Point	918117	26601	32.5	8.134	819	.2	47.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57					.1													1	1		
56/ 55			.1	.6														6	6		
54/ 53		.6	1.5	.3														21	21	2	
52/ 51			2.2	.7														25	25	10	2
50/ 49		.5	2.6	.6	.1													32	32	14	3
48/ 47	.2	2.3	3.4	.7														57	57	42	10
46/ 45	.6	4.7	4.8	1.5														99	99	76	40
44/ 43	.6	3.0	4.5	.5														74	74	69	52
42/ 41	.7	3.6	5.2	.9														90	90	75	77
40/ 39	.1	4.2	5.2	.6														85	85	77	69
38/ 37	.7	4.1	4.4															79	79	78	57
36/ 35	.1	5.3	5.2	.1														90	90	85	77
34/ 33		3.5	3.0															56	56	124	67
32/ 31		2.9	.9															32	32	68	49
30/ 29	.2	1.7	2.1															51	51	41	104
28/ 27		2.8	1.1															33	33	37	111
26/ 25	.2	1.8	.2															13	13	31	44
24/ 23		.5																4	4	13	22
22/ 21		.2																2	2	6	21
20/ 19		.5																4	4	2	21
18/ 17	.1	.1																2	2	6	13
16/ 15																					9
14/ 13																					7
12/ 11																					1
10/ 9	.2																	2	2	2	
8/ 7																					1
6/ 5	.1																	1	1	1	1
4/ 3																					1
TOTAL	4.2	43.1	46.2	6.5	.2													859	859		859
																				859	

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.	5323677	67149	78.2	9.718	859							
Dry Bulb	1392531	33996	39.6	7.439	859		15.6					93
Wet Bulb	1217372	31772	37.0	7.114	859		22.4					93
Dew Point	998027	28507	33.2	7.789	859		43.8					93

FORM 0-26-5 (OL A) 88 04 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) JAN (MONTH)

PAGE 1 1200-1400 (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
67/ 59					.3													3	3		
56/ 57				.4														4	4		
56/ 55		.3		.4														7	7		
54/ 53		.4	1.3	.5	.1													22	22	6	1
52/ 51		.5	3.6	.9	.1													47	47	9	5
50/ 49		.4	2.9	1.1	.1	.1												42	42	30	2
48/ 47	.1	3.0	5.3	2.7	.9													109	109	50	9
46/ 45	.5	4.5	7.1	3.7														145	145	99	60
44/ 43	.1	2.3	4.9	3.2														96	96	84	58
42/ 41	.3	2.4	3.1	.9														61	61	116	79
40/ 39	.2	3.8	3.9	1.6														88	88	95	77
38/ 37	.2	4.3	4.7															84	84	80	81
36/ 35		2.4	3.2	.5	.1													57	57	85	72
34/ 33		3.2	2.7	.4														58	58	112	108
32/ 31		2.7	.5	.2														32	32	53	63
30/ 29		1.6	.9															23	23	36	67
28/ 27		2.2	.4															24	24	22	89
26/ 25		.2																2	2	24	52
24/ 23		.1																1	1	3	11
22/ 21	.1	.2																3	3	2	22
20/ 19	.1																	1	1	3	17
18/ 17		.2																2	2	1	9
16/ 15																				1	5
14/ 13																					3
12/ 11	.1																	1	1	1	
10/ 9																					2
TOTAL	1.9	37.4	44.6	16.8	1.6	.1												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.	5259184	68582	75.2	10.573	912							
Dry Bulb	1639029	38139	41.8	6.957	912		9.1					93
Wet Bulb	1402352	35272	38.7	6.475	912		14.5					93
Dew Point	1122770	31294	34.3	7.331	912		36.7					93

USAFETAC FORM AM 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725521 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) JAN (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
58/ 57					.4													4	4		
56/ 55		.2	.1	.2														5	5		
54/ 53		.4	.5	1.0														18	18	3	
52/ 51		.7	2.8	.7														38	38	4	4
50/ 49		.7	3.1	.9	.1													42	42	25	3
48/ 47	.1	2.6	4.4	1.9	.3													85	85	51	10
46/ 45	.2	4.9	7.0	3.8	.4													150	150	87	48
44/ 43	.4	2.7	6.7	2.8														116	116	93	50
42/ 41		3.1	3.3	1.2														69	69	96	92
40/ 39	.1	4.3	3.5	1.1														82	82	115	76
38/ 37	.7	4.0	4.6	.3														88	88	94	79
36/ 35		2.3	3.7	.3	.1													65	65	82	62
34/ 33	.2	3.1	3.5	.3														65	65	110	117
32/ 31		.9	.4	.1														13	13	51	40
30/ 29	.1	2.4	1.2															34	34	31	87
28/ 27	.3	1.9	1.7															29	29	34	100
26/ 25	.1	.4	.1															6	6	27	52
24/ 23																				5	16
22/ 21	.1	.1																2	2	2	24
20/ 19		.1																1	1	1	9
18/ 17	.1																	1	1	2	12
16/ 15		.1																1	1	1	9
14/ 13		.1																1	1	1	
12/ 11																					3
10/ 9																					2
TOTAL	2.5	35.6	45.9	14.5	1.4														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.	5359273	69387	75.8	10.326	915							
Dry Bulb	1604287	37804	41.3	6.809	915		8.9					93
Wet Bulb	1380347	35053	38.3	6.405	915		15.8					93
Dew Point	1110245	31163	34.1	7.314	915		36.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035621 STATION | ALCONBURY RAF UK STATION NAME | 74-83 YEARS | JAN MONTH

 1600-2000 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
56/ 55			.5	.1														3	3		
54/ 53		.1	.8	.1														8	8		
52/ 51		.4	2.6	.8														29	29	3	
50/ 49		.7	2.3	.3														25	25	15	3
48/ 47	.1	1.6	2.7	1.2														43	43	38	6
46/ 45	.3	5.6	7.2	1.6	.1													112	112	56	34
44/ 43	.7	4.1	4.6	2.6														91	91	87	47
42/ 41	.1	3.4	5.1	1.6														78	78	62	69
40/ 39	.5	4.4	3.5	.1														66	66	71	63
38/ 37	.4	4.6	4.3															71	71	94	56
36/ 35	.3	4.3	5.2	.3														77	77	72	70
34/ 33	.5	3.6	3.4	.1														59	59	105	85
32/ 31		2.5	.7	.1														25	25	53	38
30/ 29	.4	3.4	1.2															37	37	43	79
28/ 27	.3	2.9	.7															29	29	32	163
26/ 25	.2	.8																8	8	25	41
24/ 23		.2																2	2	8	21
22/ 21																				2	28
20/ 19																					5
18/ 17		.1																1	1	1	8
16/ 15		.3																2	2	2	5
14/ 13		.3																2	2	2	2
12/ 11	.1																	1	1	1	1
10/ 9																					5
TOTAL	3.9	43.0	44.1	8.8	.1														769		769
																		769		769	

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.	475,356	59932	77.9	10.198	769							
Dry Bulb	1261825	33697	39.9	6.890	769		12.9					93
Wet Bulb	1101966	28670	37.3	6.514	769		20.1					93
Dew Point	899657	25687	33.4	7.363	769		40.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) JAN (MONTH)

 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		.3	.9	.1	.1													11	11		
52/ 51			2.8	.3	.1													24	24	3	
50/ 49		.7	1.2	.1	.1													16	16	14	2
48/ 47		2.3	2.3	.9														44	44	21	3
46/ 45	.1	6.6	6.4	1.1														106	106	64	35
44/ 43	.9	3.2	3.2	1.3														64	64	78	46
42/ 41	.8	2.8	6.3	1.6														86	86	67	62
40/ 39	.4	4.8	3.9	.5														72	72	46	61
38/ 37	.4	5.5	3.1															67	67	96	49
36/ 35	.1	4.8	4.7	.1														73	73	84	72
34/ 33	.1	4.[illegible]	4.[illegible]															61	61	88	74
32/ 31	.1	3.1	1.3															34	34	72	49
30/ 29		3.5	1.6															38	38	29	69
28/ 27	.8	2.2	.7															35	35	41	103
26/ 25		.8																7	7	25	36
24/ 23																				11	24
22/ 21	.3																	2	2	2	26
20/ 19	.1																	1	1	1	15
18/ 17		.1																1	1		7
16/ 15		.1																1	1	2	6
14/ 13		.1																1	1	1	2
12/ 9		.1																1	1	1	2
8/ 7	.1																	1	1	1	1
6/ 5	.1																	1	1	1	1
4/ 3																					1
2/ -1																					1
TOTAL	4.4	46.2	43.3	6.1	.4													747	747	747	747

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	4665692	58663	78.6	10.81	747							
Dry Bulb	1193476	29388	39.3	7.72	747		15.3					93
Wet Bulb	1046608	27508	36.8	6.715	747		23.2					93
Dew Point	858625	24685	33.0	7.583	747	.1	42.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03721 STATION — ALCONBURY RAF UK STATION NAME — 74-83 YEARS — JAN MONTH

PAGE 1 — 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
88/ 99					.1													3	3		
86/ 97				.1	.1													9	9		
84/ 95		.1	.1	.2														24	24		
82/ 93		.3	1.3	.4	.1													126	126	14	1
80/ 91		.3	2.5	.5	.1													208	208	41	14
78/ 89		.4	2.3	.5	.1	.1												202	202	137	18
76/ 87	.2	1.1	4.3	1.2	.2													485	485	260	55
74/ 85	.4	5.3	6.3	1.7	.1													859	859	536	302
72/ 83	.5	2.9	4.3	1.7														582	582	609	345
70/ 81	.5	3.8	4.1	1.1														589	589	620	555
68/ 79	.7	4.5	4.1	.6														583	583	543	537
66/ 77	.8	4.4	4.2	.2														584	584	654	533
64/ 75	.2	4.5	4.1	.2														562	562	593	508
62/ 73	.2	3.7	3.5	.1														464	465	804	567
60/ 71	.1	2.4	.9	.1														206	206	452	375
58/ 69	.2	3.0	1.3															277	277	275	627
56/ 67	.3	3.7	.8															255	255	269	734
54/ 65	.1	1.5	.1															73	73	204	337
52/ 63	.1	.3	.1															18	18	75	178
50/ 61	.1	.1																17	17	31	162
48/ 59	.1	.1																14	14	18	117
46/ 57	.0	.2																13	13	15	84
44/ 55		.1																6	6	8	46
42/ 53		.1																4	4	5	18
40/ 51	.1																	2	2	2	18
38/ 49	.1	.1																3	3	3	12
36/ 47	.1	.0																3	3	1	2
34/ 45	.1	.1																9	9	7	3
32/ 43																				4	1
30/ 41	.2																	1	1	1	3
28/ 39																					8
26/ 37																					1
TOTAL	4.4	42.5	44.1	8.5	.6	.1												6181	6182		6181

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	391021 65	481227	77.9	10.143	6181							
Dry Bulb	1 209322	247172	40.0	7.271	6182		108.4					744
Wet Bulb	8899344	2307C8	37.3	6.028	6181		164.9					744
Dew Point	7270213	206685	33.4	7.622	6181	1.1	328.1					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

375621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-79,82-83 (YEARS) FEB (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
54/ 52			.3															3	3		
52/ 51			.3															1	1	1	
50/ 49		1.3	1.3															10	11	2	1
48/ 47		2.3	1.8															16	16	14	2
46/ 45		4.3	4.5															35	35	11	16
44/ 43	.5	6.8	3.3															42	42	30	9
42/ 41	1.0	8.0	3.3															49	49	51	15
40/ 39		8.0	4.3															51	51	41	51
38/ 37	1.3	7.0	7.3															62	62	52	49
36/ 35	.5	6.3	1.8															34	34	48	38
34/ 33		7.3	2.3															38	38	51	40
32/ 31	.3	4.3	.5															21	21	29	34
30/ 29	.3	4.0																20	20	29	51
28/ 27	.5	3.8																17	17	21	40
26/ 25																				10	22
24/ 23																					23
22/ 21																					6
20/ 19																					2
18/ 17																					2
TOTAL	4.3	63.9	31.8																399		399
																		399		399	

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.	7663174	32474	81.4	7.118	399							
Dry Bulb	6113174	15456	38.7	5.639	399		12.2					84
Wet Bulb	5465053	14005	36.6	5.466	399		20.8					84
Dew Point	4611976	13356	33.5	6.119	399		37.5					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03682 STATION | ALCONBURY RAF UK STATION NAME | 74-83 YEARS | FEB 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															2	2		
52/ 51			.3															2	2		
50/ 49		.6	.9															10	10	5	
48/ 47	.1	1.6	.3															14	14	12	5
46/ 45		4.7	4.1	.1														61	61	27	17
44/ 43	.3	4.8	2.3															51	51	34	25
42/ 41		6.5	2.8															63	63	62	24
40/ 39	.7	8.4	2.2															77	77	55	66
38/ 37	.6	5.7	3.1															64	64	74	59
36/ 35	1.1	6.8	3.4															90	90	66	61
34/ 33	.4	10.7	2.9															96	96	113	61
32/ 31		4.1	1.3															35	35	86	45
30/ 29	.3	7.9	.7															61	61	62	99
28/ 27	2.1	3.7																39	39	49	108
26/ 25	.4	1.6																14	14	23	43
24/ 23	.3																	2	2	13	37
22/ 21	.1																	1	1	1	19
20/ 19																					8
18/ 17																					5
TOTAL	9.5	60.1	24.3	.1															682		682
																		682		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	≥ 93 F	Total
Rel. Hum.	47693.8	56794	83.3	7.642	682							
Dry Bulb	958476	25244	37.0	5.946	682		18.7					84
Wet Bulb	866315	23995	35.2	5.696	682		28.8					84
Dew Point	740904	22062	32.3	6.264	682		48.8					88

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03521 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) FEB (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
52/ 51			.4															3	3		
50/ 49		.3	.8															8	8	1	
48/ 47		2.2	.7	.1														23	23	16	1
46/ 45	.4	4.6	3.4	.1														65	65	38	26
44/ 43	.1	4.5	3.7	.3														60	60	34	32
42/ 41	.1	6.4	1.1															58	58	68	20
40/ 39	.8	8.8	1.7															86	86	56	73
38/ 37	1.7	3.6	3.8															69	69	90	77
36/ 35	.3	8.9	3.6															97	97	48	51
34/ 33	1.1	9.2	2.8															99	99	139	60
32/ 31		4.9	.7															42	42	88	40
30/ 29	.3	7.5	.5															63	63	71	109
28/ 27	2.8	4.5																55	55	66	135
26/ 25	.4	2.4																21	21	16	56
24/ 23	.5	.1																5	5	22	39
22/ 21	.1	.3																3	3	2	17
20/ 19																				2	17
18/ 17	.4																	3	3	3	5
16/ 15																					1
14/ 13																					1
TOTAL	8.5	68.2	22.4	.5															760		760
																		760		760	

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.	5370935	63611	83.7	7.951	760							
Dry Bulb	1050656	27854	36.7	6.267	760		21.2					84
Wet Bulb	953294	26530	34.9	5.985	760		29.8					84
Dew Point	815363	24403	32.1	6.473	760		46.4					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25521 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) FEB (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
[illegible] / 53			.6	.3													7	7		
52 / 51		.4	1.9														16	18		
[illegible] / 49		.4	1.[illegible]														11	11	12	
48 / 47		3.3	2.4														45	45	26	3
46 / 45	.5	5.8	4.4														85	85	58	37
44 / 43	.1	4.2	3.1	.6													64	64	54	38
42 / 41	.3	5.7	4.2	.1													81	81	72	62
40 / 39	.9	7.6	3.5	.4													98	98	63	74
38 / 37	.9	3.8	4.9														76	76	100	64
36 / 35	.8	7.8	4.7	.3													107	107	76	65
34 / 33	1.3	6.[illegible]	3.[illegible]	.1													83	83	150	80
32 / 31		5.[illegible]	.6														45	45	78	49
30 / 29	.1	4.3	.6														40	40	54	115
28 / 27	1.[illegible]	2.4															29	29	38	114
26 / 25	.1	.3															3	3	9	51
24 / 23																			[illegible]	21
22 / 21	.1																1	1	1	16
20 / 19	.1																1	1	1	4
18 / 17																				1
TOTAL	6.4	56.8	35.[illegible]	1.8														794		794
																	794		794	

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.	5360511	64871	81.7	8.731	794							
Dry Bulb	1226930	30840	38.8	6.54	794		12.6					84
Wet Bulb	1097393	29163	36.7	5.754	794		19.4					84
Dew Point	928484	26688	33.6	6.297	794		39.2					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | ALCONBURY RAF UK STATION NAME | 74-63 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
58/ 57					.4													4	4		
56/ 55				1.3	.1													9	9		
54/ 53			2.1	1.3	.2													31	31		
52/ 51		.2	3.1	.5														32	32	4	
50/ 49		.2	2.6	.4														31	31	42	
48/ 47		2.1	3.3	1.6														59	59	42	7
46/ 45	.4	5.3	6.8	2.1	.4													127	127	74	51
44/ 43		3.2	5.1	1.2														87	80	73	50
42/ 41	.3	4.4	6.1	2.1	.2													112	112	90	83
40/ 39	.2	4.9	5.4	.7														94	94	99	72
38/ 37	.8	1.9	4.1	.6	.2													66	66	93	76
36/ 35	.6	4.8	2.5	.6														71	71	86	93
34/ 33	.8	5.1	3.3	.1														79	79	113	82
32/ 31		1.8	.4															18	18	77	53
30/ 29		1.9	.1															17	17	24	91
28/ 27	.5	.4																7	7	18	94
26/ 25	.1																	1	1	1	50
24/ 23																					24
22/ 21																					8
20/ 19																					2
18/ 15																					2
TOTAL	3.9	36.3	44.7	12.9	2.1														838		838
																		838		838	

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.	5010327	64151	76.6	10.898	838							
Dry Bulb	1491147	34969	41.7	6.176	838		4.3					84
Wet Bulb	1286097	32485	38.8	5.661	838		12.0					84
Dew Point	1040725	29045	34.7	6.376	838		32.5					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35521	ALCONBURY RAF UK	74-83	FEB
STATION	STATION NAME	YEARS	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
60/ 59						.1												1	1		
58/ 57					.2	.1												3	3		
56/ 55				.7														6	6		
54/ 53		.1	2.2	.6														26	26		
52/ 51		.2	2.3	1.1	.2													32	32	2	
50/ 49		1.2	1.7	1.2														34	34	33	1
48/ 47		3.9	4.1	.8	.2													76	76	49	7
46/ 45	.2	5.9	6.7	1.8	.4													125	125	78	50
44/ 43	.2	4.3	5.3	2.2	.2													102	102	94	57
42/ 41		3.3	5.9	1.6														90	90	93	76
40/ 39	.2	4.2	5.5	1.3														94	94	86	102
38/ 37	.4	2.4	2.7	.8	.2													55	55	89	59
36/ 35	.4	3.8	4.3	.5														75	75	83	82
34/ 33	.1	4.3	2.9	.4														64	64	109	71
32/ 31		2.6	.2	.1														25	25	64	48
30/ 29		2.2	.1															19	19	43	91
28/ 27	.4	.7	.1															10	10	10	117
26/ 25																				4	38
24/ 23																					20
22/ 21																					7
20/ 19																					7
18/ 17																					2
16/ 15																					2
TOTAL	1.9	39.2	43.8	13.3	1.6	.2													837		837
																		837		837	

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.	4948372	63758	76.2	10.470	837							
Dry Bulb	1499053	35043	41.9	6.177	837		5.4					84
Wet Bulb	1292324	32534	38.9	5.760	837		12.1					84
Dew Point	1043387	29035	34.7	6.579	837		33.3					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35521 — STATION
ALCONBURY RAF UK — STATION NAME
74-83 — YEARS
FEB — MONTH

PAGE 1
1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
54/ 53			.4															3	3		
52/ 51		.7	1.3	.3														16	16	1	
50/ 49		.6	1.4	.3														16	16	7	
48/ 47		3.0	2.0	.1														36	36	28	6
46/ 45		6.2	7.5	.3														99	99	38	23
44/ 43	.4	5.1	3.8	.3														68	68	80	39
42/ 41	.1	7.5	6.8	.3														97	97	69	53
40/ 39	.3	6.8	4.4	.4														84	84	78	79
38/ 37	1.3	4.7	3.7	.4														69	69	89	66
36/ 35	.1	3.3	4.1	.1														54	54	73	66
34/ 33	.1	6.3	5.7	.1														79	79	84	74
32/ 31		3.8	.7															29	29	82	49
30/ 29		4.8	.7															39	39	42	62
28/ 27	.4	1.3	.1															13	13	22	111
26/ 25	.1																	1	1	10	34
24/ 23																					29
22/ 21	.3																	2	2	2	5
20/ 19																					8
18/ 17																					1
TOTAL	3.	52.	41.	6	2.7														705		705
																		705		705	

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.	4548266	56310	79.9	8.482	705							
Dry Bulb	1133839	27971	39.7	5.849	705		10.0					84
Wet Bulb	1003113	26297	37.3	5.618	705		18.8					84
Dew Point	836501	23879	33.9	6.272	705		35.6					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03542 1 — STATION
ALCONBURY RAF UK — STATION NAME
74-82 — YEARS
FEB — 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
52/ 51		.6	.4															7	7		
50/ 49		1.0	1.3															16	16	5	
48/ 47		1.3	.9															15	15	21	5
46/ 45		5.1	6.4	.1														80	80	28	22
44/ 43	.1	5.0	4.1	.3														65	65	40	23
42/ 41	.6	6.1	5.7															85	85	88	41
40/ 39	.1	8.9	2.0	.1														77	77	59	69
38/ 37	1.0	3.9	5.4															71	71	100	63
36/ 35	.7	7.6	3.5															81	81	56	72
34/ 33	.1	6.3	3.2															66	66	134	67
32/ 31		5.1	.9															41	41	73	41
30/ 29	.4	7.5	.3															56	56	65	93
28/ 27		2.9	.1															21	21	34	92
26/ 25																				12	50
24/ 23																					31
22/ 21	.1																	1	1	1	3
20/ 19	.3																	2	2	2	11
18/ 17																					1
TOTAL	3.7	61.4	34.4	.6														684	684		684
																		684		684	

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.	4591416	55800	81.6	7.587	684							
Dry Bulb	1330396	26252	38.4	5.783	684		14.9					84
Wet Bulb	921091	24811	36.3	5.554	684		23.0					84
Dew Point	778047	22685	33.2	6.133	684		39.5					88

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03562I — STATION
ALCONBURY RAF UK — STATION NAME
74-83 — YEARS
FEB — MONTH
PAGE 1
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
61/ 59						.0												1	1		
59/ 57					.1	.0												7	7		
57/ 55				.2	.2													15	15		
54/ 53		.2	.9	.4	.2													72	72		
52/ 51		.3	1.4	.3	.2													111	111	8	
50/ 49		.6	1.4	.3														136	136	107	2
48/ 47	.4	2.5	2.3	.4	.2													284	284	208	36
46/ 45	.2	3.3	3.5	.7	.2													677	677	352	242
44/ 43	.2	4.6	3.8	.7	.2													532	532	439	273
42/ 41	.3	5.7	4.6	.6	.1													635	635	589	374
40/ 39	.4	7.0	3.7	.4														661	661	536	586
38/ 37	.9	3.9	4.2	.3	.1													532	532	689	513
36/ 35	.5	6.4	3.6	.2														609	609	536	528
34/ 33	.5	6.7	3.2	.1														604	604	863	535
32/ 31	.2	3.9	.6	.1														256	256	587	359
30/ 29	.2	5.1	.4															315	315	390	711
28/ 27	1.0	2.3	.1															191	191	258	811
26/ 25	.2	.5																40	40	85	342
24/ 23	.1	.0																7	7	37	224
22/ 21	.1	.0																8	8	7	81
20/ 19	.1																	3	3	5	59
18/ 17	.1																	3	3	3	17
16/ 15																					5
14/ 13																					1
TOTAL	4.8	54.7	35.3	4.6	.5	.0													5699		5699
																		5699		5699	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	37262329	457769	80.3	9.295	5699							
Dry Bulb	9001869	223629	39.2	6.307	5699		97.1					672
Wet Bulb	7966090	210420	36.9	5.879	5699		161.8					672
Dew Point	6644887	191153	33.5	6.399	5699		307.8					672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

75521 (STATION) ALCONBURY RAF UK (STATION NAME) 74-80,82-83 (YEARS) MAR (MONTH)

 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
56/ 55				.2														1	1		
54/ 53			.4															2	2		
52/ 51		.4	.9															6	6	1	
50/ 49		1.6	1.3															13	13	4	1
48/ 47		2.2	1.3	.9														16	18	16	5
46/ 45	.4	2.5	2.0	.7														25	25	18	12
44/ 43	.7	5.4	4.?	.7														48	48	22	18
42/ 41	2.2	11.6	3.3	.9														80	80	60	31
40/ 39	2.5	12.1	1.1	.4														72	77	69	60
38/ 37	1.1	7.4	4.5	.2														59	59	71	57
36/ 35	.4	6.2	2.2	1.1														45	45	48	61
34/ 33	.4	5.1	4.5	.7														48	48	60	43
32/ 31	.2	3.3	1.?															22	22	39	30
30/ 29		1.8	.2															9	9	29	44
28/ 27																				11	37
26/ 25																					20
24/ 23																					13
22/ 21																					12
20/ 19																					4
TOTAL	7.8	59.6	27.2	5.4														448	448	448	448

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.	3081398	36872	82.3	10.221	448							
Dry Bulb	711741	17707	39.5	4.934	448		6.9					93
Wet Bulb	638493	16767	37.4	4.953	448		16.4					93
Dew Point	588031	15929	35.5	6.105	448		33.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
54/ 53		.8																6	6	5	
52/ 51	.4	.5	.5															11	11	4	8
50/ 49		.4	.4															6	6	6	1
48/ 47	.1	1.9	1.8															30	30	10	7
46/ 45	1.1	4.2	1.7	.4														58	58	44	27
44/ 43	.6	4.1	3.1	.8														67	67	41	29
42/ 41	.9	8.8	3.2	.4														104	104	74	53
40/ 39	1.5	12.9	1.3															121	121	91	77
38/ 37	2.4	8.4	2.4															104	104	138	80
36/ 35	.4	11.5	2.4	.4														115	115	84	92
34/ 33	.3	7.4	3.2	.1														90	90	143	99
32/ 31		2.9	.9															30	30	63	61
30/ 29	.1	3.1	.5															29	29	51	103
28/ 27	.1	1.4																12	12	23	71
26/ 25																				6	25
24/ 23																					27
22/ 21																					20
20/ 19																					3
TOTAL	8.5	68.3	21.1	2.1															783		783
																		783		783	

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.	557768	65710	83.9	8.788	783							
Dry Bulb	1196092	30342	38.8	5.096	783		8.4					93
Wet Bulb	1088548	28918	36.9	5.125	783		17.1					93
Dew Point	946751	26801	34.2	6.131	783		36.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03562 1 STATION | ALCONBURY RAF UK STATION NAME | 74-83 YEARS | MAR 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
54/ 53		.6																5	5	2	
52/ 51	.6	.2	.4											•				10	10	9	7
50/ 49	.1	.8	.5															12	12	5	5
48/ 47		3.8	1.1	.5														45	45	23	3
46/ 45	.7	6.0	2.9	.2														84	84	51	50
44/ 43	.4	4.6	2.3	.2														69	69	61	36
42/ 41	.7	8.4	2.9	.4														105	105	86	47
40/ 39	1.2	14.1	1.1	.1														140	140	81	50
38/ 37	3.1	7.5	2.6															112	112	165	133
36/ 35	.2	6.7	3.1	.5														106	106	89	102
34/ 33	.7	7.4	2.4	.2														91	91	128	110
32/ 31	.2	2.1	1.2															30	30	68	53
30/ 29	.1	2.1	.2															29	29	50	82
28/ 27		1.1																9	9	25	74
26/ 25		.2																2	2	5	38
24/ 23																				1	27
22/ 21																					15
20/ 19																					5
TOTAL	8.1	68.7	21.2	2.1														849	549	849	849

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6094868	71528	84.2	9.042	849							
Dry Bulb	1328569	33291	39.2	5.226	849		7.7					53
Wet Bulb	1211553	31759	37.4	5.267	849		16.3					93
Dew Point	1059567	29521	34.8	6.246	849		32.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

075621 STATION | ALCONBURY RAF UK STATION NAME | 74-87 YEARS | MAR MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

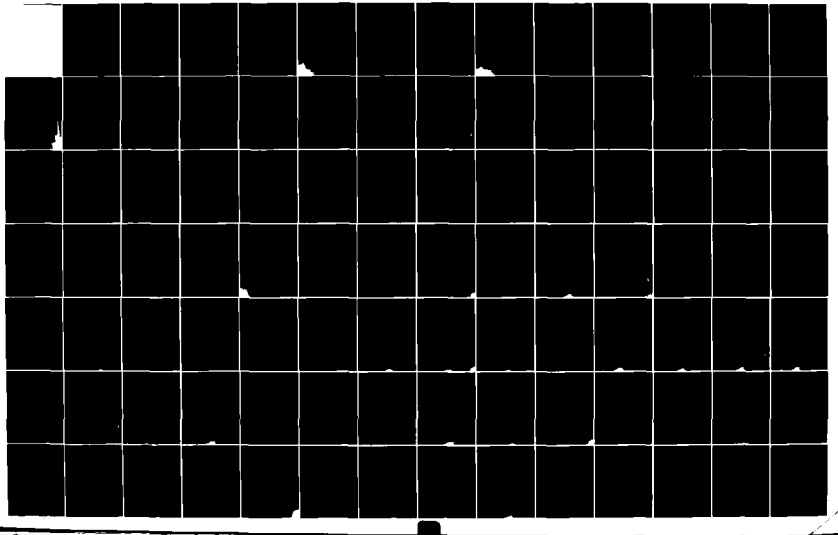
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31				
60/ 59					.1													1	1		
58/ 57				.3														3	3		
56/ 55		.3	.4															7	7		
54/ 53	.2	1.1	.6	.7	.3	.1												27	27	3	3
52/ 51	.3	.8	2.2	1.2														41	41	18	10
50/ 49		1.5	1.5	1.0	.2													37	37	24	7
48/ 47	.1	3.3	3.4	1.6	.2													80	80	43	19
46/ 45	.4	6.9	9.2	3.3	.3	.1												180	180	84	56
44/ 43	.2	5.1	6.7	2.2	.3													130	130	112	50
42/ 41	.7	6.9	3.1	1.6	.1													127	127	152	92
40/ 39	.4	7.9	2.8	1.1	.1													109	109	134	132
38/ 37	1.1	2.6	3.1	.9														78	78	125	123
36/ 35	.2	2.7	1.5	.4														43	43	81	95
34/ 33	1.1	.7	.8	.3														25	25	67	116
32/ 31	.1	.1																2	2	29	36
30/ 29																				11	74
28/ 27																					41
26/ 25																					17
24/ 23																					15
22/ 21																					9
20/ 19																					5
TOTAL	5.1	42.7	35.3	14.0	1.0	.2													891		890
																		890		890	

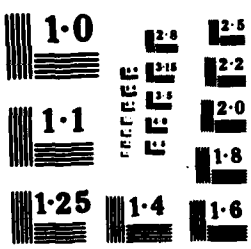
Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5598742	69756	78.4	12.159	890							
Dry Bulb	1691[illegible]	38838	43.3	5.[illegible]39	89[illegible]		.3					93
Wet Bulb	1479[illegible]	36120	40.5	4.884	89[illegible]		4.7					93
Dew Point	1235819	32715	36.8	6.117	890		20.6					93

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

AD A146 913 ALCONBURY RAF UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHER O..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. APR 84 4/5

UNCLASSIFIED USAFETAC/DS-84/014 SBI-AD-E850 743 F/G 4/2 NL

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

235621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-87 (YEARS) MAR (MONTH)

PAGE 1 1200-1400 (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
≥ 0/ 63						.1												2	2		
62/ 61				.1	.3		.1											5	5		
60/ 59				.6		.1												7	7		
58/ 57			.2	.8	.3	.6												20	20		
56/ 55		1.1	.8	1.7	1.2													44	44	2	
54/ 53	.2	.9	1.4	1.4	1.5	.6	.3											59	59	27	4
52/ 51	.3	1.1	4.3	2.2	1.9	.1	.1											92	92	33	17
50/ 49		.9	1.2	2.2	1.2	.1	.2											53	53	52	15
48/ 47	.1	1.8	4.6	2.9	1.8	.4	.2											113	113	75	30
46/ 45		5.9	8.3	5.7	3.4	.4												221	221	108	54
44/ 43		2.7	3.4	1.7	1.1	.1												83	83	138	53
42/ 41	.4	4.6	3.8	2.2	.3	.2												107	107	146	126
40/ 39	.1	4.9	1.7	1.5														73	73	132	110
38/ 37	.6	.6	1.4	.4														29	29	112	119
36/ 35		1.5	.2	.3														19	19	55	84
34/ 33	.1																	3	3	40	115
32/ 31																				7	45
30/ 29																				3	54
28/ 27																					38
26/ 25																					25
24/ 23																					25
22/ 21																					7
20/ 19																					5
18/ 17																					2
16/ 15																					2
TOTAL	2.4	25.9	30.9	23.7	13.2	3.0	1.0											930	937	930	930

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.	49310179	66123	71.1	14.663	930							
Dry Bulb	20375523	43236	46.5	5.944	930							93
Wet Bulb	16900225	39375	42.3	4.269	930		1.1					93
Dew Point	13204773	38485	37.1	6.708	930		20.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25621 STATION | ALCONBURY RAF UK STATION NAME | 74-83 YEARS | MAR MONTH

 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
64/ 63						.1												1	1		
62/ 61					.1			.1										9	9		
60/ 59				.1	.1	.1	.2											10	10		
58/ 57			.1	1.1	.4	.9	.1											24	24		
56/ 55		.6	.4	1.2	.9	.8	.1											38	38	2	
54/ 53	.1	1.1	1.3	1.4	1.5	.5	.2											57	57	27	2
52/ 51	.7	.5	2.6	2.5	.9	.8	.5											75	75	33	20
50/ 49		.2	2.4	2.3	.8	.1												52	52	35	11
48/ 47	.1	1.7	4.3	3.6	2.3	.7	.3											123	123	70	21
46/ 45	.3	5.4	9.9	4.3	2.6	.8	.1											216	216	119	53
44/ 43		7.8	5.3	1.7	.7	.2												98	98	134	60
42/ 41	.2	4.3	3.5	1.6	.4	.2												95	95	152	99
40/ 39	.2	4.3	2.1	1.2	.1													73	73	132	137
38/ 37		1.6	1.7	.5														36	36	104	107
36/ 35		.6	.1	.4														12	12	51	92
34/ 33	.3																	3	3	40	107
32/ 31																				11	47
30/ 29																				2	62
28/ 27																					41
26/ 25																					21
24/ 23																					20
22/ 21																					14
20/ 19																					7
18/ 17																					4
16/ 15																					1
14/ 13																					
12/ 11																					
TOTAL	2.1	23.9	33.6	22.6	11.3	5.1	1.3	.3										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.	4758001	64775	70.3	15.703	922							
Dry Bulb	2017726	42834	46.5	5.491	922							93
Wet Bulb	1661624	38878	42.2	4.916	922		1.3					93
Dew Point	1283659	33833	36.7	6.765	922		22.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03552I STATION | ALCONBURY RAF UK STATION NAME | 74-83 YEARS | MAR MONTH

 1600-2000 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
62/ 57				.4			.1											4	4		
56/ 55			.6	.3		.3												9	9		
54/ 53		1.0	.3	.8	.6	.4												24	24	5	
52/ 51	1.0	1.1	2.1	.6	.5													43	43	22	13
50/ 49		.8	.8	.4	.3	.1												18	18	16	6
48/ 47		3.2	2.0	1.4	.5	.1												57	57	29	14
46/ 45	.6	6.8	8.3	3.7	.5													158	158	77	41
44/ 43	.6	4.4	6.7	2.4	.5	.1												117	117	88	50
42/ 41	.6	8.6	4.3	1.4	.6	.1												124	124	124	65
40/ 39	.8	7.8	3.4	1.0														103	103	133	107
38/ 37	.5	2.5	3.9	.5														59	59	115	86
36/ 35		3.8	1.8	.6														49	49	62	96
34/ 33	.6	.8	1.0	.3														21	21	79	99
32/ 31			.1															1	1	23	49
30/ 29		.3	.3															4	4	12	67
28/ 27																				5	34
26/ 25																				1	30
24/ 23																					21
22/ 21																					5
20/ 19																					6
18/ 17																					3
TOTAL	4.2	41.1	35.7	13.7	3.5	1.1	.1											791	791		791
																		791		791	

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.	4825230	60956	77.1	12.721	791							
Dry Bulb	1490720	34796	43.1	5.158	791		.6					93
Wet Bulb	1291955	31723	40.1	4.994	791		4.8					93
Dew Point	1062376	28544	36.1	6.398	791		25.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03621 | ALCONBURY RAF UK | 74-87 | MAR
STATION | STATION NAME | YEARS | MONTH

 | 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
[illegible] 55			.1	.3														3	3		
[illegible] 51	1.2	.5	1.4	.4														26	26	11	9
[illegible] 49		1.2	.4	.3														14	14	12	2
[illegible] 47	.6	4.6	1.1	.3	.1													51	51	40	16
46/ 45	.1	[illegible].6	5.7	1.5														95	95	40	33
44/ 43	.3	3.5	4.[illegible]	1.[illegible]														74	74	52	41
42/ 41	.5	13.5	5.[illegible]	1.1	.4													151	151	111	54
40/ 39	.5	1[illegible].8	2.9	.3														106	106	104	89
38/ 37	.7	5.[illegible]	3.8	.1														71	71	121	83
36/ 35	.1	6.1	3.7	.5														77	77	75	88
34/ 33	1.[illegible]	2.7	3.[illegible]	.3														51	51	97	95
32/ 31		.5	.5															8	8	33	50
[illegible]/ 29		.1	.7															6	6	29	57
[illegible]/ 27		.1																1	1	6	56
26/ 25																				3	30
24/ 23																					15
[illegible]/ 21																					11
[illegible]/ 19																					5
TOTAL	5.0	54.5	33.[illegible]	6.[illegible]	.5														734		734
																		734		734	

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.	4895023	59455	81.0	10.387	734							
Dry Bulb	1254629	30127	41.0	4.965	734		1.9					93
Wet Bulb	1119963	28427	38.7	5.194	734		5.0					93
Dew Point	954813	26065	35.5	6.314	734		28.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03521 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

PAGE 1 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
64/ 63						.0												3	3		
62/ 61				.2	.1		.2	.0										14	14		
60/ 59				.2	.1	.0	.0											18	18		
58/ 57			.2	.4	.1	.2	.2											51	51		
56/ 55		.3	.3	.5	.3	.1	.1											102	102	4	
54/ 53	.1	.7	.5	.6	.6	.2	.1											180	180	76	9
52/ 51	.6	.7	1.9	1.0	.5	.1	.0											304	304	131	84
50/ 49	.3	.9	1.1	.8	.3	.0	.0											205	205	154	48
48/ 47	.3	2.8	2.6	1.6	.7	.2	.1											517	517	306	115
46/ 45	.5	5.6	6.4	2.7	1.1	.2	.0											1037	1037	581	326
44/ 43	.4	4.0	4.6	1.4	.3	.1												686	686	648	339
42/ 41	.7	8.2	3.6	1.2	.3	.1												893	893	905	562
40/ 39	.9	9.0	2.0	.7	.0													797	797	876	802
38/ 37	1.2	4.3	2.8	.4														548	548	951	758
36/ 35	.2	4.9	1.8	.5														466	466	555	710
34/ 33	.6	2.8	1.6	.2														332	332	654	778
32/ 31	.1	1.0	.4															93	93	273	371
30/ 29	.1	1.6	.2															77	77	187	583
28/ 27	.0	.3																22	22	70	392
26/ 25		.0																2	2	15	206
24/ 23																				1	163
22/ 21																					93
20/ 19																					39
18/ 17																					9
16/ 15																					2
14/ 13																					1
12/ 11																					1
TOTAL	.3	46.5	32.0	12.1	4.3	1.4	.3	.0											6347		6347
																		6347		6347	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	397322229	4951171	78.0	13.169	6347							
Dry Bulb	11727327	271171	42.6	5.981	6347		22.7					744
Wet Bulb	10181163	251867	39.7	5.419	6347		64.5					744
Dew Point	6811469	227393	35.8	6.459	6347		213.3					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] ALCONBURY RAF UK 74-87 APR
STATION STATION NAME YEARS 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
[illegible] 57				.2														1	1		
56/ 55			1.1															5	5		
54/ 53		.2	2.1	.6														14	14	1	
52/ 51		1.7	2.5															20	20	9	
[illegible] 49		1.5	2.9	1.5														28	28	21	9
48/ 47		2.9	3.3	.4	.2													33	33	29	16
46/ 45		3.5	6.5	.6	.4													53	53	30	31
44/ 43	.2	6.2	7.5	1.7														74	74	33	22
42/ 41	.4	6.2	5.6	.6														62	62	79	26
40/ 39	.2	7.7	5.3	.4														64	64	63	54
38/ 37		4.6	5.1	.4														48	48	67	68
36/ 35		3.7	3.7	.2														37	37	52	53
34/ 33		4.8	2.3															30	30	47	54
32/ 31		1.5	.4															9	9	32	35
30/ 29		.2	.2															2	2	14	43
28/ 27																				3	37
26/ 25																					19
24/ 23																					9
22/ 21																					4
TOTAL	.8	43.7	48.1	6.7	.6													480		480	

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.	2991513	37659	78.5	8.783	480							
Dry Bulb	868498	20242	42.2	5.573	480		2.1					90
Wet Bulb	760514	18932	39.4	5.368	480		9.2					90
Dew Point	635028	17200	35.8	6.247	480		27.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

CT5621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) APR (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
56/ 55			.4															3	3		
54/ 53		.4	.2	.7														13	13		
52/ 51		.1	1.6															20	20	13	2
50/ 49		1.5	1.1															19	19	18	1
48/ 47		3.9	1.9	.1														44	44	32	19
46/ 45	1.1	5.6	5.1	.1														89	89	56	57
44/ 43	.3	5.8	6.6	.9														101	101	53	35
42/ 41	.1	9.8	5.9	.5														122	122	77	54
40/ 39	.5	9.4	1.7	.1														68	88	128	73
38/ 37	1.3	5.9	4.2															65	85	118	123
36/ 35	.1	5.4	4.2															71	71	61	70
34/ 33		5.4	2.2															55	55	98	71
32/ 31		1.2	.4															12	12	51	48
30/ 29		2.4	.5															22	22	28	69
28/ 27		.3																2	2	12	82
26/ 25																				2	19
24/ 23																					16
22/ 21																					7
TOTAL	3.5	57.9	36.1	2.5														746	746		746
																		746		746	

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.	5.26588	60922	81.7	8.306	746							
Dry Bulb	1267074	32480	42.9	5.400	746		4.3					93
Wet Bulb	1134012	28818	38.6	5.285	746		11.2					90
Dew Point	973723	26563	35.6	6.118	746		29.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03221 STATION | ALCONBURY RAF UK STATION NAME | 74-83 YEARS | APR 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
54/ 55		.2	.1															3	3		
54/ 53		.5	.9	.4	.1													15	15	3	
52/ 51	.2	1.2	2.9		.1													36	36	10	6
50/ 49		.6	2.3	.7														30	30	25	6
48/ 47	.1	.4	3.4	.5	.1													70	70	43	12
46/ 45	.2	7.7	9.3	1.3														150	150	80	61
44/ 43	.7	6.4	9.7	2.7														156	156	93	63
42/ 41	.2	7.3	3.9	.6	.1													100	100	124	71
40/ 39	.5	7.1	2.6	.2														85	85	145	122
38/ 37	1.7	2.4	3.4															70	70	108	110
36/ 35		3.8	2.3															50	50	57	94
34/ 33		2.8	1.9															31	31	80	88
32/ 31		.7	.4															9	9	28	36
30/ 29		.7	.2															8	8	13	60
28/ 27	.1	.5																5	5	4	67
26/ 25																				5	11
24/ 23																					3
22/ 21																					6
20/ 19																					2
TOTAL	3.9	47.4	41.7	6.5	.5														818		818
																		818		818	

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.	5331839	65591	80.2	9.417	818							
Dry Bulb	1505244	34832	42.6	5.193	818		2.4					90
Wet Bulb	1333268	32772	40.1	4.985	818		5.5					90
Dew Point	1133701	30081	36.8	5.802	816		20.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03521 STATION | ALCONBURY RAF UK STATION NAME | 74-83 YEARS | APR MONTH

 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
64/ 63						.3	.3											6	6		
62/ 61					1.2	.2	.1											12	12		
60/ 59			.1	.3	.2	.1												7	7		
58/ 57			.2	1.4	.5	.2	.1											21	21		
56/ 55	.1	.3	.8	3.9	.3	.2												50	50	3	1
54/ 53	.5	.2	2.9	2.5	1.8	.3												72	72	26	4
52/ 51		.6	5.4	2.8	3.0	.1												94	94	28	8
50/ 49		.9	2.1	3.1	1.2	.9												70	70	93	2
48/ 47		2.4	3.3	3.5	2.6	.2												105	105	61	25
46/ 45	.1	5.2	11.4	6.2	2.8	.1												224	224	115	102
44/ 43	.7	2.0	5.1	2.8	.5													95	95	123	101
42/ 41	.2	2.2	1.6	1.3	.1													47	47	150	78
40/ 39	.1	2.6	1.5	.1														38	38	124	111
38/ 37	.1	.8	.8	.3														18	18	69	91
36/ 35		.5	.1	.1														6	6	36	124
34/ 33		.2	.2															4	4	14	87
32/ 31																				5	42
30/ 29																				2	48
28/ 27																					45
26/ 25																					9
24/ 23																					8
22/ 21																					2
20/ 19																					1
TOTAL	1.8	18.5	35.6	28.3	12.9	2.9	.6												869		869
																		869		869	

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.	4418645	6.981	70.2	12.672	869							
Dry Bulb	2205494	41486	47.7	5.362	869							90
Wet Bulb	1653935	37687	43.4	4.742	869		.7					90
Dew Point	1291532	33098	38.1	5.968	869		16.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03[illegible]621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

PAGE 1 1200-1400 (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
[illegible] / 69										.7								2	2		
66 / 67							.1	.1	.2									4	4		
64 / 65						.3	.6	.7	.1									15	15		
[illegible] / 63				.3	.6	1.5	.3		.2									26	26		
[illegible] / 61			.1	.5	1.2	.8	.2	.2										27	27		
[illegible] / 59			.2	1.2	.7	.6	.8	.1										32	32	1	
58 / 57			.7	2.1	1.6	1.8	.1											56	56	3	
56 / 55	.1	.3	.7	5.7	1.6	1.8	.3											87	87	23	4
[illegible] / 53		.2	1.9	2.9	3.[illegible]	1.2	.1											64	64	53	2
[illegible] / 51		.2	3.[illegible]	2.9	3.9	2.7												114	114	49	13
[illegible] / 49		.6	2.[illegible]	3.9	2.4	1.7	.2											88	88	109	13
48 / 47		.2	2.4	4.3	2.1	.6												94	94	97	33
46 / 45	.1	3.6	5.2	3.9	4.4	.5												157	157	129	106
[illegible] / 43		.7	2.1	2.3	.7													48	48	123	93
42 / 41		.2	1.1	1.1														22	22	122	67
[illegible] / 39		1.[illegible]	.[illegible]	.3														17	17	80	98
[illegible] / 37		.5		.2														5	5	66	72
[illegible] / 35		.5	.2															6	6	92	104
34 / 33		.3																3	3	9	88
[illegible] / 31																				3	45
[illegible] / 29																					53
[illegible] / 27																					60
[illegible] / 25																					23
[illegible] / 23																					5
[illegible] / 21																					7
[illegible] / 19																					1
TOTAL	.1	9.2	20.3	30.2	21.3	13.4	2.8	1.1	.6	.2								887		887	887
																		887		887	

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.	3627147	55348	62.4	13.993	887							
Dry Bulb	2336257	45200	51.[illegible]	6.279	887			.6				9[illegible]
Wet Bulb	1814651	39859	44.9	5.151	887			.7				9[illegible]
Dew Point	1313063	33611	37.9	6.674	887		19.7					9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03662 | ALCONBURY RAF UK | 74-83 | APR
STATION | STATION NAME | YEARS | MONTH

 15:0-17:0 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-?	TOTAL S./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7 / 69										.4							3	3		
68/ 67									.2								2	2		
66/ 65					.1	.2	.4	.6	.4								14	14		
64/ 63				.8	.3	1.5	.1	.6	.1								34	34		
62/ 61				.5	1.6	.7	.2	.4									29	29		
60/ 59				.3	1.8	.7	.6	.6	.1								39	39	2	
58/ 57			.1	2.2	2.7	1.4	.4	.2									54	54	9	
56/ 55		.5	1.2	3.5	1.8	2.2	.5										82	82	15	2
54/ 53			1.5	3.7	2.3	1.8	.8										81	81	45	4
52/ 51		.2	3.3	2.7	3.8	1.5	.2										100	100	61	15
50/ 49		.2	1.9	1.8	2.3	1.3	.1										65	65	92	12
48/ 47		1.3	2.2	3.6	2.1	1.6	.1										92	92	92	26
46/ 45		3.2	6.1	5.4	4.3	.8											166	166	118	92
44/ 43		.2	1.2	1.9	.6												32	32	121	80
42/ 41		.5	.5	.7	.2												16	16	93	75
40/ 39		1.1	1.2	.2	.1												22	22	98	68
38/ 37	.6	.6	.5														14	14	52	72
36/ 35		.6	.2														7	7	31	93
34/ 33		.1															1	1	12	88
32/ 31																			2	80
30/ 29																				68
28/ 27																				53
26/ 25																				26
24/ 23																				11
22/ 21																				5
20/ 19																				5
18/ 17																				1
TOTAL	.6	8.4	19.6	27.1	23.6	13.8	3.4	2.3	.8	.4							853		853	853

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	7387162	52004	61.0	14.401	853							
Dry Bulb	2263068	43574	51.1	6.605	853			.5				90
Wet Bulb	1734731	39199	44.8	5.319	853		.2					90
Dew Point	1228756	31852	37.3	6.797	853		22.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25621 — STATION
ALCONBURY RAF UK — STATION NAME
74-63 — YEARS
APR — 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
76/ 68						.3												3	3		
72/ 64					.3	1.0		.6		.3								10	10		
68/ 59				1.2	.4	.3	.1	.3										17	17		
64/ 57			.6	1.6	.6	.7		.3										26	26		
60/ 55		.5	.7	1.3	1.1	.6	.3											45	49	5	
56/ 53		.4	2.1	2.7	1.1	.3	.3											50	50	24	
52/ 51		.3	3.1	2.5	1.1	.7												59	59	27	9
48/ 49		1.1	1.2	3.3	.7	.6												55	55	57	10
44/ 47		1.9	2.7	3.8	1.6	.5												83	83	62	23
40/ 45		3.8	6.1	4.3	3.1	.5												162	162	90	73
36/ 43	.3	2.2	4.3	3.3	1.1	.2												87	87	88	44
32/ 41		1.3	2.6	2.1														41	41	129	65
28/ 39		1.6	2.5	1.2														37	37	76	84
24/ 37	1.4	.8	2.3	.1														34	34	84	86
20/ 35		.5	1.2															13	13	43	78
16/ 33		.3	.1															5	5	37	65
12/ 31		.3																2	2	11	28
8/ 29		.1																1	1	2	64
-4/ 27																					64
-8/ 25																					21
-12/ 23																					11
-16/ 21																					3
-20/ 19																					2
TOTAL	1.6	17.3	34.7	28.9	14.2	4.5	.9	.1										730	731	730	730

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.	3525664	49814	68.2	13.17	730							
Dry Bulb	1659562	34522	47.3	6.86	730		.4					90
Wet Bulb	1347057	31121	42.6	5.280	730		1.9					90
Dew Point	1022626	26900	36.8	6.561	730		23.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | ALCONBURY RAF UK STATION NAME | 74-83 YEARS | APR MONTH

 21[illegible]-23[illegible] 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
[illegible]/ 59			.2															1	1		
58/ 57			.2	.8														4	4		
56/ 55			1.7	.5	.2													14	14	1	
54/ 53		1.2	1.2	1.8	.5													28	28	1	
[illegible]/ 51		1.[illegible]	4.[illegible]	.3	.5													35	35	24	2
50/ 49		.5	2.6	1.2	.5													29	29	29	11
48/ 47		3.1	1.8	2.[illegible]	.7													46	46	36	20
46/ 45	.2	3.8	9.6	3.8	1.5													114	114	52	43
44/ 43		4.6	8.9	4.[illegible]	.2													107	107	49	34
42/ 41		5.4	5.8	1.7														76	78	110	43
40/ 39	.2	4.[illegible]	3.6	.8														52	52	98	63
38/ 37	1.2	1.3	4.8															48	48	83	68
36/ 35		2.1	2.[illegible]															28	28	39	72
34/ 33		2.1	1.[illegible]															19	19	51	64
[illegible]/ 31			.9															3	3	23	29
30/ 29		.3																2	2	7	62
[illegible]/ 27																				3	49
26/ 25																					20
24/ 23																					6
22/ 21																					3
TOTAL	1.5	29.5	48.2	16.8	4.[illegible]													606		606	606
																		606	606		

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.	3456610	45342	74.8	10.448	606							
Dry Bulb	1191396	26661	44.0	5.535	606		.7					90
Wet Bulb	1016793	24621	40.6	5.218	606		4.9					90
Dew Point	821836	21998	36.3	6.214	606		25.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035621	ALCONBURY RAF UK	74-83	APR
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31							
72/ 69										.1											5	5		
68/ 67							.2	.3	.1												6	6		
66/ 65						.2	.1	.1	.2	.1											29	29		
64/ 63					.2	.2	.5	.1	.1	.1											69	69		
62/ 61				.2	.2	.3	.1	.1													78	78		
60/ 59			.1	.5	.4	.2	.2	.1	.1												96	96	3	
58/ 57			.2	1.1	.7	.6	.1	.1													164	164	12	
56/ 55	.0	.3	.8	2.2	.7	.7	.2														289	289	47	7
54/ 53	.1	.4	1.7	1.9	1.3	.5	.2														357	357	153	7
52/ 51	.1	.7	3.2	1.5	1.7	.7	.3														478	478	218	55
50/ 49		.8	2.5	1.9	1.4	.7	.1														384	384	440	64
48/ 47	.1	2.6	2.6	2.4	1.4	.4	.1														567	567	471	174
46/ 45	.2	4.6	7.6	3.4	2.3	.3															1115	1115	672	565
44/ 43	.3	3.2	5.4	2.4	.4	.1															700	700	683	472
42/ 41	.1	3.8	3.1	1.1	.1																488	488	884	479
40/ 39	.2	4.3	2.1	.4	.1																403	403	812	693
38/ 37	.6	3.1	2.3	.1																	318	318	659	710
36/ 35	.1	2.0	1.6	.3																	218	338	668	
34/ 33		1.6	.7																		148	148	348	602
32/ 31		.4	.2																		35	35	154	303
30/ 29		.5	.1																		35	35	66	467
28/ 27	.1	.1																			7	7	22	457
26/ 25																							7	148
24/ 23																								69
22/ 21																								37
20/ 19																								11
18/ 17																								1
TOTAL	1.8	27.2	34.7	19.4	11.7	4.9	1.1	.4	.2	.1											5989	5989	5989	5989

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	≥ 88 F	≥ 93 F	Total
Rel. Hum.	31727157	427661	71.4	18.090	5989							
Dry Bulb	13098586	276996	46.3	6.927	5989		9.3	1.3				720
Wet Bulb	10794961	252709	42.1	5.648	5989		29.9					720
Dew Point	8420345	221303	37.0	6.368	5989		179.5					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25621 — STATION
ALCONBURY RAF UP — STATION NAME
74-83 — YEARS
MAY — 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
60/ 59				.2														1	1		
58/ 57		.2	.2	.4														4	4		
56/ 55	.2	.4	1.2	2.2	.2													21	21	3	2
54/ 53		1.2	3.4	1.2														27	27	7	1
52/ 51	.2	1.4	5.2	1.2	.4													41	41	16	5
50/ 49		2.6	7.4	.8														59	59	40	8
48/ 47	.4	9.6	8.2	1.0														95	95	72	33
46/ 45	.4	11.2	9.2	1.0														108	108	99	67
44/ 43	.4	5.8	4.6	1.4														61	61	86	81
42/ 41		3.4	4.6	.4														42	42	66	79
40/ 39		2.0	2.2	.6														23	23	47	72
38/ 37	.4	.4	.8															8	8	34	51
36/ 35	.4	.8	.2															7	7	17	40
34/ 33		.2	.2															2	2	10	25
32/ 31		.2																1	1	3	13
30/ 29																					8
28/ 27																					11
26/ 25																					4
TOTAL	2.4	47.2	46.8	10.0	.6													500	500	500	500

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.	3195118	39728	79.5	8.782	500							
Dry Bulb	11.0059	23341	46.7	4.577	500		.2					93
Wet Bulb	971189	21927	43.9	4.787	500		.6					93
Dew Point	836101	20281	40.6	5.198	500		6.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03[illegible]21 | ALCONBURY RAF UK | 74-83 | MAY
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
58/ 57		.1		.1														2	2		
56/ 55	.1	.5	1.2	.8														20	20	2	2
54/ 53	.1	.9	1.5	.3														21	21	10	2
52/ 51	.3	2.5	3.2															45	45	20	12
50/ 49	.3	3.2	3.8	.8														61	61	49	7
48/ 47	.9	9.7	6.1	.5														129	129	75	44
46/ 45	.8	16.8	8.9	.8														206	208	153	111
44/ 43	.7	7.8	5.0	.1														100	100	141	118
42/ 41	.1	3.8	3.4	.1														57	57	101	120
40/ 39		6.1	2.8	.3														68	68	69	97
38/ 37	.6	1.2	.8															22	22	73	72
36/ 35		.5	.3															6	6	32	76
34/ 33		1.7	.3															15	15	19	36
32/ 31	.1	.3																3	3	13	13
30/ 29																					23
28/ 27																					19
26/ 25																					3
TOTAL	4.4	54.7	37.1	3.8															757		755
																		755		755	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5205942	62778	82.6	8.327	755							
Dry Bulb	1578958	34394	45.4	4.641	757		.4					93
Wet Bulb	1426703	32570	43.1	4.557	755		1.6					93
Dew Point	1253280	30500	40.4	5.299	755		7.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03521 ALCONBURY RAF UK 74-83 MAY
STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 63				.4	.1	.2												6	6		
62/ 61			.4	.2														5	5		
60/ 59			.7	.6	.4													14	14		
58/ 57		.4	.6	.4	.2	.1												20	20	6	
56/ 55		1.6	2.2	2.1	.5													53	54	13	2
54/ 53	.1	2.4	4.3	2.2	.4													75	76	34	13
52/ 51	.4	3.1	2.3	1.7	.9													121	121	56	35
50/ 49		3.4	4.8	1.7	.1													82	83	99	28
48/ 47	.7	9.1	5.5	1.2	.1													139	139	144	57
46/ 45	.4	11.9	8.2	1.8	.1													175	176	161	163
44/ 43	.5	8.7	3.9	1.5														70	70	117	136
42/ 41		1.1	1.0															22	22	64	118
40/ 39	.2	1.7	.5															10	10	53	96
38/ 37		.4	.5															7	7	29	84
36/ 35		.6	.4															8	8	8	43
34/ 33		.2	.1															3	3	12	28
32/ 31																				2	12
30/ 29																					3
28/ 27																					9
TOTAL	2.8	36.5	42.6	19.3	3.5	.4													823		820
																		820		820	

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.	5164242	644648	78.8	10.371	823							
Dry Bulb	1976597	93129	48.8	4.518	823							93
Wet Bulb	1726980	37992	45.7	4.535	823		.2					93
Dew Point	1889715	38681	82.3	5.290	823		3.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] ALCONBURY RAF UK — 74-83 (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
[redacted]							.2											2	2		
[redacted]							.2											2	2		
[redacted]						.7	1.1	.4	.2									10	10		
[redacted]					.4		.3	.1										8	8		
[redacted]				.5	.7	.5	.8	.1										22	22		
[redacted]		.1	.2	1.9	1.1	2.7	.3	.5										63	63		
[redacted]		.4	.7	1.5	1.4	.3	1.5	.2										49	49	10	
[redacted]			1.4	1.3	2.5	1.7	.7											64	64	15	1
[redacted]		.5	1.7	3.3	2.9	1.6	.3											90	91	33	4
[redacted]		.2	2.4	8.1	2.2	.7												126	126	55	18
[redacted]	.1	.9	4.4	3.2	3.4	.6	.5											118	118	77	30
[redacted]		1.4	4.6	2.2	1.1	.7												84	84	104	56
[redacted]		1.7	3.4	2.3	.8	.3												69	69	179	37
[redacted]	.1	2.5	1.7	2.6	1.1													70	70	124	65
[redacted]		3.8	2.7	1.5	1.3													81	81	118	180
[redacted]		.2	.2	.5														8	8	71	123
[redacted]			.1															1	1	49	66
[redacted]		.2	.2															4	4	24	85
[redacted]		.1																1	1	14	68
[redacted]		.1																1	1	3	50
[redacted]																				1	21
[redacted]																					11
[redacted]																					24
[redacted]																					16
[redacted]																					2
TOTAL	.2	11.9	23.8	28.3	19.7	9.9	4.6	1.4	.2										874		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.	4.008838	57892	66.3	13.622	873							
Dry Bulb	2634599	47695	54.6	6.130	874			2.3	.2			93
Wet Bulb	2104059	42643	48.8	4.918	873							93
Dew Point	1648269	37540	43.0	6.244	873		5.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

75621 STATION | ALCONBURY RAF UK STATION NAME | 74-83 YEARS | MAY MONTH

 1200-1800 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
78/ 77									.2									2	2		
76/ 75							.1	.3	.3									7	7		
74/ 73							.8	.4	.1									12	12		
72/ 71						.7	.2	.3	.6	.1								17	17		
70/ 69				.1	.1	.7	.7	1.1	.3	.2								28	28		
68/ 67			.1			.3	.2	.4	.1									11	11		
66/ 65				.2	.6	.3	1.2	.7	.1	.2								30	30	1	
64/ 63		.1	.3	2.0	2.6	4.3	1.7	1.2	.6									115	115	2	1
62/ 61		.1	.6	1.6	3.7	2.2	1.8	.2	.3									94	94	76	2
60/ 59			.4	1.1	2.8	2.4	.8	.3										71	71	20	2
58/ 57		.2	1.3	2.9	3.0	1.7	.7											88	88	54	4
56/ 55		.6	.8	5.1	3.8	1.0	1.3											110	110	64	14
54/ 53		.7	2.7	2.4	3.4	.6	.2											90	90	127	23
52/ 51	.1	.7	2.9	1.9	1.9	1.1	.3											76	76	99	65
50/ 49		.7	2.1	1.8	1.2	.9												59	59	160	30
48/ 47		1.7	1.7	1.1	.3	.3												46	46	124	62
46/ 45		1.3	1.0	.7	1.0													36	36	100	197
44/ 43			.2	.2														5	5	67	100
42/ 41			.2															2	2	26	89
40/ 39																				18	108
38/ 37																				9	56
36/ 35																					50
34/ 33																					19
32/ 31																					12
30/ 29																					3
28/ 27																					22
26/ 25																					4
24/ 23																					2
TOTAL	.1	6.7	14.5	23.7	24.9	16.5	9.7	5.0	2.7	.6								899		899	

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.	3378667	535.3	59.5	18.17	899							
Dry Bulb	3.11789	51677	57.5	6.778	899			8.0	2.2			93
Wet Bulb	2278225	45021	50.1	5.129	899							93
Dew Point	1675330	38398	42.7	6.636	899		8.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35621 — STATION
ALCONBURY RAF UK — STATION NAME
74-83 — YEARS
MAY — MONTH

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
[illegible] / 79									.1	.1	.1							3	3		
78/ 77							.1	.1	.1									3	3		
76/ 75							.1	.2	.3									6	6		
74/ 73						.1	.7	.5	.2									13	13		
72/ 71					.2	.1	.5	.1		.2								10	10		
70/ 69					.1	.6	.6	1.2	.6	.5								30	30		
68/ 67				.1	.2	.3	.6	.3	.7									16	16		
66/ 65				.1	.7	.8	1.3	.8	.1	.1								34	34	1	
64/ 63		.2		2.7	1.2	3.8	2.2	1.5	.2	.1								104	104	7	
62/ 61		.1	.6	1.5	4.1	1.5	.7	.5	.2									79	79	18	1
60/ 59			.3	1.0	2.3	2.4	1.5	1.2										76	76	26	3
58/ 57		.1	.6	4.3	2.3	2.4	1.4	.1										97	97	52	5
56/ 55		.7	.2	6.1	3.5	.8	.3											101	101	54	10
54/ 53	.1	.5	2.1	4.6	2.1	.5	.7											91	91	121	25
52/ 51		.5	3.4	1.5	1.9	1.2												72	72	91	56
50/ 49		.1	1.5	2.3	.6	.3												42	42	162	25
48/ 47		1.2	2.1	.7	.7	.3												39	39	125	70
46/ 45		1.4	1.5	.3	.8													34	35	91	182
44/ 43		.2	.6	.1														8	8	53	91
42/ 41			.1															1	1	38	103
40/ 39		.3																3	3	16	81
38/ 37																				8	66
36/ 35																					45
34/ 33																					33
32/ 31																					11
30/ 29																					31
28/ 27																					19
26/ 25																					5
24/ 23																					1
TOTAL	.1	9.3	13.7	25.5	23.3	15.3	10.7	6.5	2.2	1.0	.1								863		863
																		863		863	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3188500	50892	59.0	14.742	863							
Dry Bulb	2908609	49741	57.6	6.953	863			8.7	2.7			93
Wet Bulb	2187642	43224	50.1	5.136	863							93
Dew Point	1598446	36708	42.5	6.557	863		7.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03521 ALCONBURY RAF UK 74-81 MAY
STATION STATION NAME YEARS 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	Wet Bulb	Dew Point
74/ 73						.1	.1	.1	.1									4	4		
72/ 71							.1	.4										4	4		
70/ 69					.1	.4		.1	.1									6	6		
68/ 67						.1		.1										2	2		
66/ 65				.4	.3	.5	.1	.4										13	13		
64/ 63			.1	1.8	1.1	1.9	.3	.5										46	46	1	
62/ 61		.1	.8	.8	2.4	1.9	.4	.1										49	49	7	
60/ 59		.1	.5	1.4	1.6	1.5	.7	.1										44	44	10	
58/ 57		.4	1.8	3.4	1.9	1.9	.3	.3										73	73	27	4
56/ 55		.4	1.9	5.9	3.0	1.0	.1											90	90	26	10
54/ 53		.7	2.3	4.1	3.3	.7	.4											84	84	69	16
52/ 51	.3	1.5	6.1	4.5	1.2	1.4												107	107	82	31
50/ 49		.1	3.1	3.9	.5	.1												51	51	111	25
48/ 47		2.7	2.9	1.9	1.1													63	63	126	65
46/ 45		3.1	4.6	1.0	.4													67	67	109	111
44/ 43		.5	.8	.5														14	14	81	105
42/ 41			.7	.1														6	6	46	106
40/ 39	.1	.6	.3															9	9	19	93
38/ 37		.4																3	3	16	64
36/ 35																				5	39
34/ 33																					16
32/ 31																					19
30/ 29																					18
28/ 27																					9
26/ 25																					2
TOTAL	.4	11.0	26.0	28.0	17.0	11.2	3.1	2.3	.3										735		735
																		735		735	

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.	3336972	485536	66.13	13.404	735							
Dry Bulb	2166033	39629	53.9	6.330	735			2.0	.5			93
Wet Bulb	1724823	35419	48.2	4.959	735							93
Dew Point	1337358	31050	42.2	5.912	735		6.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03521 — STATION
ALCONBURY RAF UK — STATION NAME
74-83 — YEARS
MAY — MONTH

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65					.2													1	1		
64/ 63					.6			.2										5	5		
62/ 61			.2	.5	.5													7	7		
60/ 59		.2	.6	1.8	.3	.2												20	20	1	
58/ 57		.3	.8	1.1	1.2													20	20	3	2
56/ 55		1.1	1.8	3.4	1.3													47	47	13	1
54/ 53		1.5	4.1	3.7	.6	.2												62	62	26	4
52/ 51		1.8	6.8	3.2	1.6													83	83	35	20
50/ 49		1.6	5.8	1.9	.9	.2												64	64	77	21
48/ 47		6.5	6.5	2.1	1.3													101	101	64	38
46/ 45		6.5	10.7	1.5	.3													117	117	132	81
44/ 43	.2	1.8	4.2	1.3														46	46	86	89
42/ 41		.5	2.4	.5														21	21	82	106
40/ 39		.5	1.1															10	10	34	90
38/ 37		.8	.7															7	7	20	58
36/ 35		.8																5	5	14	41
34/ 33																				7	24
32/ 31																					15
30/ 29																					17
28/ 27																					9
TOTAL	.2	23.9	45.5	21.3	8.6	.5		.2										616	616		616
																		616		616	

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.	3436196	45586	74.0	10.256	616							
Dry Bulb	1518401	30421	49.4	5.111	616							93
Wet Bulb	1290292	28050	45.5	4.600	616							93
Dew Point	1065013	25393	41.2	5.449	616		6.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

 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
80/ 79									.0	.0	.0							3	3		
78/ 77							.0	.0	.0									5	5		
76/ 75							.0	.1	.1									13	13		
74/ 73						.0	.1	.1	.1									31	31		
72/ 71					.1	.1	.1	.1	.1	.0								33	33		
70/ 69				.0	.2	.3	.2	.3	.2	.1								74	74		
68/ 67			.0	.2	.1	.1	.2	.1	.0									37	37		
66/ 65				.2	.3	.3	.5	.3	.2	.2								100	100	2	
64/ 63		.1	.1	1.2	.9	1.8	.7	.6	.1	.1								339	339	10	1
62/ 61		.1	.4	.8	1.7	.8	.6	.1	.1									283	283	61	3
60/ 59		.0	.5	.9	1.4	1.2	.5	.2										290	290	72	6
58/ 57		.3	.9	2.2	1.6	1.1	.4	.0										396	395	175	19
56/ 55	.1	.8	1.5	4.4	2.1	.5	.2											568	568	231	55
54/ 53	.1	1.1	3.2	2.8	1.8	.3	.2											568	569	473	114
52/ 51	.2	1.4	5.1	1.9	1.2	.5	.1											629	629	503	280
50/ 49	.2	1.6	3.7	1.8	.5	.2												487	488	877	161
48/ 47	.3	5.0	3.9	1.4	.6	.1												682	682	874	434
46/ 45	.2	6.5	5.4	1.1	.5													825	828	963	1092
44/ 43	.2	7.1	2.2	.6														312	312	702	843
42/ 41	.1	1.0	1.4	.1														152	152	496	797
40/ 39	.1	1.4	.8	.1														137	137	276	722
38/ 37	.1	.4	.3															48	48	203	519
36/ 35		.3	.1															27	27	77	384
34/ 33		.3	.1															20	20	49	200
32/ 31	.0	.0																4	4	18	106
30/ 29																					168
28/ 27																					114
26/ 25																					20
24/ 23																					2
22/ 21																					1
TOTAL	1.7	22.2	29.4	19.7	12.9	7.5	4.0	2.2	.6	.2	.0							6061	6067		6061
																		6061		6061	

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.	30928471	823159	69.8	15.117	6061							
Dry Bulb	16894955	317127	52.3	7.364	6067		.5	29.0	6.8			744
Wet Bulb	13703496	296296	47.2	5.450	6061		2.2					744
Dew Point	10903515	258501	42.0	5.985	6061		50.5					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035621 ALCONBURY RAF UK 73-82 JUN
STATION STATION NAME YEARS 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
72/ 71					.2		.2											2	2		
70/ 69				.2	.2		.4											4	4		
68/ 67				.4	.2													3	3		
66/ 65		.2		.7	.4													7	7		
64/ 63		.5	.4	1.4	.2	.2												15	15	3	1
62/ 61		1.1	1.8	.7	.9													25	25	9	4
60/ 59		.5	2.9	1.2	.5	.2												30	30	15	
58/ 57		2.1	3.7	2.3	1.8	.2												57	57	27	13
56/ 55	1.1	5.3	2.7	3.9														73	73	48	37
54/ 53	.2	3.7	9.4	2.5	.7													89	89	64	38
52/ 51	.2	2.7	3.9	1.1	.2													69	69	68	52
50/ 49		3.7	6.4	1.1														63	63	96	44
48/ 47		4.1	3.4	1.8														52	52	79	75
46/ 45		2.7	4.4	1.2														47	47	61	96
44/ 43		1.4	1.4	.4														18	18	44	59
42/ 41		.5	.7	.2														8	8	31	49
40/ 39		.2																1	1	14	35
38/ 37																				6	31
36/ 35																					17
34/ 33																					9
32/ 31																					2
30/ 29																					1
TOTAL	1.4	27.4	46.2	18.8	5.2	.5	.5												563		563
																		563		563	

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.	3486496	43952	78.1	9.917	563							
Dry Bulb	1605923	29909	53.1	5.504	563			1.6				90
Wet Bulb	1402032	27944	49.6	5.176	563							90
Dew Point	1226732	26066	46.3	5.953	563		.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

(7502) ALCONBURY RAF UK — 73-82 — JUNE

STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 2300-0500 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
[illegible] 65					.4													3	3		
64/ 63		.4		.8	.1													10	10		
[illegible] 61	.3	.8	1.1	.5	.1													22	22	5	5
[illegible] 59		1.4	1.5	.3	.2													27	27	9	2
[illegible] 57	.8	[illegible].5	2.4	.4	.1													49	49	37	13
56/ 55	1.1	[illegible].4	2.5	2.3														102	102	43	44
54/ 53	1.1	5.2	7.8	1.1	.1													129	129	108	50
52/ [illegible]	.1	5.1	8.8	.3														112	112	70	92
[illegible] 49	.3	4.1	5.7	.5														83	83	134	43
48/ 47	.1	7.4	5.2	.5														104	104	124	89
46/ 45		4.8	6.1	.5														90	90	109	167
44/ 43		2.[illegible]	1.5	.6														33	33	63	72
42/ 41		.9	1.5	.1														20	20	53	90
40/ 39		.1																1	1	18	52
38/ 37																				12	30
[illegible]6/ 35																					21
34/ 33																					13
32/ 31																					1
[illegible] 29																					1
TOTAL	3.8	42.8	44.3	7.9	1.1														785		785
																		785		785	

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.	5351639	64447	82.1	6.796	785							
Dry Bulb	2102149	40452	51.5	4.739	785							90
Wet Bulb	1892742	38338	48.8	4.842	785							90
Dew Point	1699838	36254	46.2	5.708	785		.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]21 ALCONBURY RAF UK 73-82 JUN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 77								•										1	1		
74/ 73						.1	.4											4	4		
[illegible]/ 71					.1	.1												2	2		
[illegible]/ 69			.1		.5	.5												9	9		
66/ 67			.2		.4	.1												6	6		
66/ 65		.6	.2	.6	.4	.2		.1										15	15	2	
64/ 63		1.1	1.[illegible]	2.1	.5	.1	.5											41	41	8	4
62/ 61		.6	2.4	1.7	1.[illegible]													47	47	32	10
[illegible]/ 59		1.[illegible]	2.4	2.3	1.3	.4												61	61	31	6
56/ 57	.5	3.5	3.3	4.2	1.2													105	105	52	23
54/ 55	1.1	6.5	4.3	5.4	1.1													153	153	79	65
52/ 53	.5	3.[illegible]	9.3	4.2	1.[illegible]													149	149	116	77
50/ 51		1.8	9.7	3.2	.2													115	115	120	89
[illegible]/ 49	.2	1.3	2.5	1.3	.1													45	45	166	46
46/ 47		2.3	2.7	.8	.1													49	49	119	99
44/ 45		.8	1.2	.7														23	23	60	200
42/ 43		.1	.1															2	2	35	64
40/ 41			.1															1	1	13	64
38/ 39																				2	44
36/ 37																				1	24
[illegible]/ 35																					9
34/ 33																					1
32/ 31																					3
TOTAL	.2	22.3	39.6	25.6	7.9	1.6	.6	.2											828		828
																		828		828	

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.	49[illegible]3169	63[illegible]62	76.2	11.10	828							
Dry Bulb	2553137	45789	55.3	5.33	828			2.4	.5			9
Wet Bulb	2198675	42493	51.3	4.[illegible]57	828							9
Dew Point	1908574	39480	47.7	5.620	828		.3					9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) JUN (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
88/ 87											.1							1	1		
84/ 83											.1							1	1		
82/ 81						.1		.1	.2	.2								6	6		
80/ 79								.3	.5			.1						8	8		
78/ 77					.1			.6	.2	.1								9	9		
76/ 75					.2	.1	.6	.5	.1	.1								13	13		
74/ 73				.2	.1	.8	.8		.1		.1							19	19		
72/ 71				.3	.3	.8	.5	.6										22	22	1	
70/ 69			.1	.2	.6	1.4	.7	.1										31	31	1	
68/ 67			.3	.1	.5	1.3	.2	.1	.1									23	23	8	
66/ 65		.1	.2	.9	2.2	.5	.9											42	42	21	3
64/ 63		.2	1.7	6.5	3.2	3.3	.6											135	135	28	12
62/ 61		.5	2.9	2.8	5.1	2.2	.2											118	118	39	8
60/ 59	.1	.6	2.2	3.3	2.8	2.9	.3											104	104	64	12
58/ 57	.1	2.4	2.1	4.7	4.6	.8	.2											131	131	177	46
56/ 55		1.8	1.4	4.7	2.4	.7												96	96	97	75
54/ 53		.6	1.1	3.1	2.4	.2												63	63	138	95
52/ 51			1.6	1.4	.5													30	30	112	90
50/ 49		.5	.2	.3														9	9	125	58
48/ 47		.5																4	4	64	79
46/ 45																				37	153
44/ 43			.1															1	1	3	64
42/ 41			.1															1	1		64
40/ 39																				1	83
38/ 37																				1	19
36/ 35																					25
34/ 33																					4
32/ 31																					1
30/ 29																					1
TOTAL	.3	7.2	14.1	29.6	25.1	15.1	5.1	2.3	1.3	.5	.3	.1						867		867	
																		867		867	

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.	3739677	55813	64.4	13.016	867							
Dry Bulb	3256027	52835	60.9	6.471	867			13.8	5.9	1.7		90
Wet Bulb	25682.7	46979	54.2	5.110	867			1.0				90
Dew Point	2657011	41879	48.3	6.276	867		.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03[illegible]21 ALCONBURY RAF UK 73-80 JUN
STATION STATION NAME YEARS MONTH

PAGE 1 1200-1400
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
92/ 91												.1	.2					3	3		
90/ 89												.1						1	1		
88/ 87										.1	.1	.2	.1					5	5		
86/ 85										.2	.2							4	4		
84/ 83									.2	.2	.9		.2					14	14		
82/ 81							.5			.1	.3		.1					9	9		
80/ 79						.1	.1	.1	.2	.2	.1							8	8		
78/ 77						.1		.6	.5	.3	.1							14	14		
76/ 75					.2	.2	1.1	1.2	.6	.1	.1							32	32		
74/ 73				.6	.1	.3	1.5	.2	.1									29	29		
72/ 71				.1	.6	2.1	1.8	1.1										51	51		
70/ 69				.3	.7	2.8	1.1	.7	.1									51	51	8	
68/ 67				.1	1.4	1.1	.6	.5										29	29	15	
66/ 65			.1	.8	2.6	1.1	1.4	.3										56	56	70	
64/ 63		.1	1.8	5.1	3.8	7.8	2.1	.1										185	185	39	12
62/ 61	.2	.5	1.0	2.6	4.1	2.5	1.2	.5										111	111	77	12
60/ 59		.5	.6	3.8	2.4	1.6	.8											72	72	110	17
58/ 57		.6	.6	3.5	1.9	1.6	.3											75	75	111	47
56/ 55		.7	1.9	2.9	2.6	.7												78	78	88	52
54/ 53		.6	.8	1.7	1.1	.1												38	38	138	110
52/ 51		.1	.7	.5	.1													14	14	115	105
50/ 49		.2	.2															4	4	84	54
48/ 47		.1	.1															2	2	57	97
46/ 45																				21	164
44/ 43																				2	66
42/ 41																					54
40/ 39																					42
38/ 37																					31
36/ 35																					15
34/ 33																					5
32/ 31																					2
TOTAL	.2	3.3	8.0	20.5	21.2	22.3	12.9	5.9	1.7	1.4	1.9	.5	.7					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.	3185377	51727	58.4	13.538	885							
Dry Bulb	3675831	56637	64.0	7.615	885			25.4	12.1	4.1		90
Wet Bulb	2750209	49113	55.5	5.285	885			2.3				90
Dew Point	2104533	42806	48.4	6.206	885		.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

75621 STATION — ALCONBURY RAF UK STATION NAME — 73-82 YEARS — JUN MONTH

 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
94/ 93														.2				2	2		
92/ 91												.2	.1					4	4		
90/ 89												.1						1	1		
88/ 87											.7	.3	.1					7	7		
86/ 85											.1	.3						4	4		
84/ 83										.3	.3	.1	.1					8	8		
82/ 81							.2	.2			.2							6	6		
80/ 79						.2	.2		.1	.6	.2							12	12		
78/ 77						.1	.2	.5	.5	1.2	.3							24	24		
76/ 75						.7	.7	.5	.5	.2								22	22		
74/ 73					.5	.7	2.4	.3	.2									36	36		
72/ 71				.1	.5	2.4	2.4	1.2	.1									60	60		
70/ 69			.2	.1	.7	2.6	1.4	.7	.1									50	50	7	
68/ 67			.2	.1	.5	.9	.6	.2	.2									26	26	13	
66/ 65			.5	1.2	3.9	1.4	2.3											80	80	28	
64/ 63		.5	.6	3.6	4.4	5.5	2.4	.5										150	150	36	7
62/ 61	.2	.3	1.3	1.4	3.6	2.4	.9	.1										89	89	88	23
60/ 59	.1	.6	.9	1.2	3.7	1.6	.5											78	78	92	16
58/ 57		.7	1.0	3.8	2.-	1.4												77	77	113	30
56/ 55		1.3	1.7	2.1	1.4	1.0												64	64	89	62
54/ 53		.7	2.1	1.3	1.7													46	46	130	94
52/ 51		.1	1.2	.5	.1													15	15	123	114
50/ 49			.1		.1													2	2	75	46
48/ 47		.2		.1														3	3	48	107
46/ 45																				22	154
44/ 43																					77
42/ 41																				2	53
40/ 39																					30
38/ 37																					26
36/ 35																					20
34/ 33																					3
TOTAL	.3	4.4	9.7	15.3	22.6	21.0	14.2	4.4	1.7	2.3	1.6	1.3	.7	.2				862		862	
																		862		862	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	3.94879	50123	58.1	14.473	862							
Dry Bulb	3622983	55447	64.3	7.914	862			27.4	13.2	4.2	.2	90
Wet Bulb	2695266	47986	55.7	5.252	862			2.1				90
Dew Point	2053213	41745	48.4	6.157	862							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03521 (STATION) ALCONBURY RAF UK (STATION NAME) 73-87 (YEARS) JUN (MONTH)

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
92/ 91												.3						2	2		
88/ 87											.2	.1						3	3		
84/ 83									.3	.1	.1							4	4		
82/ 81									.1	.3								3	3		
80/ 79								.1	.3	.1								4	4		
78/ 77								.3	.8		.1							13	13		
76/ 75						.3	.8	.5	.5		.2							17	17		
74/ 73						.5	.5	.3	.1	.1								12	12		
72/ 71				.1	.8	1.9	.5	1.4	.1									39	39		
70/ 69			.3	.1	1.9	1.2	1.4	.3										43	40	3	
68/ 67			.4		.9	.5	1.0	.1										23	23	4	
66/ 65		.4		.9	1.2	1.2	1.4	.3										41	41	23	
64/ 63		.4	.6	3.8	5.2	3.5	.9											111	111	27	10
62/ 61		.6	2.1	2.1	3.6	1.2	.6											79	79	52	9
60/ 59		.9	1.6	4.4	2.2	1.6	.1											86	86	52	10
58/ 57	.1	1.6	1.7	4.2	1.7	.9	.1											78	78	97	40
56/ 55	.1	1.4	2.2	5.2	1.3	.8												85	85	110	69
54/ 53		1.2	3.2	2.7	1.4	.3												68	68	108	67
52/ 51		.5	3.1	1.6	.8													43	43	97	72
50/ 49		.1	.6	.6	.1													12	12	107	63
48/ 47		.4	.3	.4														8	8	48	116
46/ 45																				30	141
44/ 43																				12	71
42/ 41																				1	35
40/ 39																					25
38/ 37																					20
36/ 35																					17
34/ 33																					5
32/ 31																					1
TOTAL	.3	7.5	16.5	25.9	20.8	13.7	7.5	3.9	2.2	.6	.6	.4							771		771
																		771		771	

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.	3317517	49393	64.1	14.107	771							
Dry Bulb	2948065	47335	61.4	7.383	771			18.7	6.8	1.9		90
Wet Bulb	2302877	41949	54.4	5.213	771			.8				90
Dew Point	1835747	37345	48.4	5.907	771		.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

 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
81/ 79							.2											1	1		
78/ 77							.3	.2										3	3		
76/ 75					.3		.2											3	3		
74/ 73						.3	.2											3	3		
72/ 71						.6												4	4		
70/ 69				.2	1.1	.3												11	11	1	
68/ 67					1.1	.5	.2	.2										12	12	2	
66/ 65		.2	.5	1.5	.6	.3	.5											23	23	2	
64/ 63	.3	1.2	.5	2.3	1.2	.9												42	42	16	8
62/ 61			1.8	3.9	1.7	1.2												57	57	20	10
60/ 59	.2	.8	4.1	3.9	1.4	.8	.2											74	74	30	5
58/ 57	.2	3.6	3.5	4.7	1.1	.2												87	87	50	14
56/ 55		2.9	4.2	5.1	1.2													88	88	80	59
54/ 53	.2	.9	6.2	2.7	1.1													73	73	85	63
52/ 51		2.1	8.1	2.1	.3	.2												85	85	90	67
50/ 49		1.7	2.7	.9	.6													39	39	111	33
48/ 47		1.4	2.6	2.1	.2													40	40	82	100
46/ 45		.6	1.4	.9														19	19	87	118
44/ 43		.2																1	1	30	67
42/ 41		.2																1	1	18	43
40/ 39																				2	38
38/ 37																					20
36/ 35																					15
34/ 33																					5
32/ 31																					1
TOTAL	.8	15.5	35.3	32.0	11.6	5.1	1.5	.3										666		666	666

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.	3648594	48698	73.1	11.516	666							
Dry Bulb	2151899	37643	56.5	6.131	666			5.0	1.4	.1		90
Wet Bulb	1810117	34547	51.9	5.215	666			.9				90
Dew Point	1539373	31767	47.7	6.126	666		.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

075521 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

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
94/ 93														.1				2	2		
92/ 91												.1	.0					9	9		
90/ 89												.0						2	2		
88/ 87										.0	.1	.1	.0					16	16		
86/ 85										.0	.0	.0						8	8		
84/ 83									.1	.1	.2	.0	.0					27	27		
82/ 81							.0	.1	.1	.0	.1	.1		.0				24	24		
80/ 79							.0	.1	.1	.1	.1	.0	.0					33	33		
78/ 77					.1		.3	.1	.4	.3	.2	.1						64	64		
76/ 75					.1	.2	.4	.4	.7	.2	.3							87	87		
74/ 73				.1	.1	.4	.8	.2	.1	.1	.0							103	103		
72/ 71				.1	.3	1.1	.7	.7	.1									180	180	1	
70/ 69			.1	.2	.7	1.2	.7	.2	.0									196	196	20	
68/ 67			.2	.1	.6	.6	.4	.1	.0									122	122	42	
66/ 65		.1	.2	.8	1.8	.6	.9	.1										267	267	96	3
64/ 63	.0	.5	.9	3.3	2.5	2.9	.9	.1										689	689	157	54
62/ 61	.1	.5	1.8	2.0	2.6	1.3	.4	.1										548	548	312	81
60/ 59	.0	.8	1.9	2.4	1.9	1.2	.3											528	528	403	68
58/ 57	.2	2.1	2.2	3.5	1.5	.7	.1											659	659	614	226
56/ 55	.4	3.2	2.6	3.9	1.3	.4												739	739	632	463
54/ 53	.2	2.3	4.7	2.4	1.2	.1												655	655	889	594
52/ 51	.0	1.4	4.9	1.2	.2	.0												483	483	795	681
50/ 49	.0	1.3	2.1	.6	.1													257	257	898	387
48/ 47	.0	1.9	1.7	.6	.1													262	262	617	762
46/ 45		1.0	1.5	.4														179	179	387	1193
44/ 43		.4	.4	.1														55	55	189	560
42/ 41		.2	.3	.1														31	31	118	452
40/ 39		.0																2	2	37	349
38/ 37																				20	201
36/ 35																					134
34/ 33																					45
32/ 31																					10
30/ 29																					3
28/ 27																					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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03621 (STATION) ALCONBURY RAF 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	1.	11.	25.	32.	15.	1	10.7	5.7	2.4	.9	.7	.6	.3	.1	.0			6227	6227	6227	6227

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	307277.7	427215	68.6	15.091	6227							
Dry Bulb	219134.3	366.47	58.8	7.973	6227			109.9	63.4	13.1	.2	720
Wet Bulb	17618125	329347	52.9	5.652	6227			7.3				720
Dew Point	1842898.8	297382	47.8	6.035	6227		1.6					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]5621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) JUL (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
72/ 71				.2		.2												2	2		
70/ 69					.2		.2											2	2		
68/ 67				.2	.2													2	2		
66/ 65		.2	.7	1.2	.2	.5	.2											16	16	1	
64/ 63		.9	3.3	1.9	.3	.7												35	35	4	2
62/ 61	.3	1.2	7.3	2.4	.3													67	67	12	5
60/ 59	.3	2.6	5.9	2.8	1.2	.3												76	76	45	10
58/ 57	.3	5.6	4.7	4.7	.7													92	92	79	34
56/ 55	.9	7.5	7.3	2.4														104	104	84	66
54/ 53	.2	5.3	4.3	1.7														65	65	94	84
52/ 51	.5	1.7	7.7	.3														55	55	99	88
50/ 49	.2	1.2	3.1	.2														27	27	62	71
48/ 47		1.0	2.1															18	18	57	61
46/ 45	.5	1.4	.5															14	14	28	79
44/ 43																				10	38
42/ 41																					27
40/ 39																					15
TOTAL	3.3	27.7	45.9	17.9	3.1	1.7	.3												575		575
																		575		575	

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
Ref. Hum.	3712069	45879	79.8	9.463	575							
Dry Bulb	1849253	32497	56.5	9.692	575			1.0				93
Wet Bulb	1631537	30530	53.1	9.281	575							93
Dew Point	1463147	28873	50.2	9.817	575							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03721 (STATION) LCONBURY RAF UK (STATION NAME) 73-82 (YEARS) JUL (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
≥66/ 65			.3		.1													3	3		
64/ 63		1.3	.3	1.3	.1													19	19	3	
62/ 61	.4	1.4	3.5	1.3														52	52	12	9
60/ 59	.1	2.6	6.5	.5														78	78	25	10
58/ 57	.8	4.9	6.6	1.8														112	112	71	36
56/ 55	1.6	9.8	7.3	2.6														170	170	97	68
54/ 53	1.1	6.9	8.7	1.3														143	143	54	19
52/ 51	.4	3.8	7.5	.1														94	94	181	130
50/ 49	.4	1.6	3.1															41	41	129	75
48/ 47	.3	4.0	1.9															51	51	85	127
46/ 45	.4	2.8	.4															28	28	57	137
44/ 43		.6																5	5	19	53
42/ 41		.1																1	1	4	35
40/ 39																					8
TOTAL	5.6	39.5	46.7	8.5	.3													797	797	797	797

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	≥ 88 F	≥ 93 F	Total
Rel. Hum.	5638968	66748	83.7	7.817	797							
Dry Bulb	2391277	43527	58.6	4.211	797							93
Wet Bulb	2164655	41411	52.2	4.241	797							93
Dew Point	1988396	39650	49.7	4.962	797							93

FORM AF 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31				
72/ 71				.4	.2	.4												8	8		
70/ 69			.1	.2	.5	.2	.1											10	10		
68/ 67				.2	.2	.4												7	7		
66/ 65		.1	.6	.9	.5													18	18	4	
64/ 63		1.8	1.8	5.6	1.2	.1												89	89	12	3
62/ 61	.5	1.4	5.2	4.6	.7	.2												106	106	35	20
60/ 59	.7	2.6	8.6	3.2	.7	.1												135	135	62	29
58/ 57	.5	3.4	6.8	4.7	.1													156	156	134	43
56/ 55	.7	5.3	7.3	3.3	.1													142	142	153	103
54/ 53	.2	3.3	5.8	.9														87	87	132	135
52/ 51	.4	2.2	4.5															60	60	150	147
50/ 49		1.1	1.3															20	27	110	82
48/ 47	.4	.9	.2															13	13	49	130
46/ 45		.1																1	1	11	116
44/ 43																					34
42/ 41																					9
40/ 39																					1
TOTAL	3.3	24.2	42.0	23.9	5.1	1.4	.1												852		852
																		852		852	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 72 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5381533	67215	78.9	9.628	852							
Dry Bulb	2865413	49262	57.8	4.485	852			7.1				93
Wet Bulb	2510497	46127	54.1	3.938	852							93
Dew Point	2246600	43594	51.2	4.342	852							93

USAFETAC FORM AS 24 0 26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035621 STATION — ALCONBURY RAF UK STATION NAME — 73-82 YEARS — JUL MONTH

 0850-1100 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
96/ 95											.1							1	1		
94/ 93											.1	.1						2	2		
92/ 91							.1		.2	.1		.1						5	5		
90/ 89						.1			.1	.2								4	4		
88/ 87							.2	.3	.3	.3	.1							11	11		
86/ 85					.6	.1	.6	.7		.1								18	18		
84/ 83				.4	.4	1.2	.8	.2	.2									30	30		
82/ 81			.1	.5	.9	1.2	.3	.2										33	33		
80/ 79			.1	1.1	1.9	2.4	.4	.1										53	53	2	
78/ 77			.2	.2	1.9	1.6	.1	.1										37	37	12	
76/ 75		.6	1.3	3.8	3.7	2.3	.7											105	105	19	1
74/ 73	.1	1.1	2.9	7.4	6.7	4.6	.3											206	206	65	26
72/ 71		.9	3.6	5.6	3.9	2.3	.2											145	145	91	21
70/ 69	.1	1.3	2.9	2.4	3.9	.4												99	99	122	40
68/ 67		.9	2.3	3.9	1.3	.1												74	74	166	86
66/ 65	.2	1.2	1.6	1.6														41	41	142	112
64/ 63		.9	.9	.1														17	17	119	109
62/ 61		.4	.8															11	11	109	145
60/ 59		.1																1	1	44	71
58/ 57																				2	108
56/ 55																					95
54/ 53																					58
52/ 51																					17
50/ 49																					4
TOTAL	.3	7.3	16.3	27.3	25.3	15.8	3.8	1.7	.9	.7	.3	.2						853	893	893	893

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	≥ 88 F	≥ 93 F	Total
Rel. Hum.	4.89142	594.8	66.5	12.415	893							
Dry Bulb	36347.9	56747	63.5	5.666	893			20.2	7.4	1.1		93
Wet Bulb	2913708	50970	57.0	4.220	893			1.5				93
Dew Point	2813353	46199	51.7	5.107	893							93

FORM AS-54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03552 — STATION
ALCONBURY RAF UK — STATION NAME
73-87 — YEARS
JUL — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
94/ 93															.1				1	1		
91/ 89													.1	.1	.1				3	3		
88/ 87												.2	.2	.1					5	5		
86/ 85											.1	.3	.1		.2				7	7		
84/ 83											.5		.1	.1					7	7		
82/ 81							.2		.1	.3		.1							8	8		
80/ 79						.3	.5	.4	.5	.2	.2	.2							21	21		
78/ 77					.1	.4	.8	.8	.5										24	24		
76/ 75					.1	1.5	1.9	.9	.1		.1								42	42		
74/ 73				.2	.8	1.1	2.0	.9	.4										49	49		
72/ 71				.1	1.4	2.3	3.2	.7	.1										71	71		
70/ 69			.1	.4	2.2	3.9	2.3	.3											90	90	7	
68/ 67		.2	.5	.4	1.9	2.1	1.2	.1											58	58	13	
66/ 65		.4	.7	3.5	3.5	3.7	1.2												119	119	50	2
64/ 63		1.1	2.2	5.6	4.0	5.9	1.6												196	196	82	21
62/ 61		1.2	.2	3.4	3.3	2.0	.3												101	101	142	35
60/ 59		.1	1.5	1.6	1.7	.4													49	49	140	37
58/ 57		.7	1.3	1.1	.2														27	27	164	89
56/ 55		.7	1.3	.7															21	21	117	96
54/ 53		.2	.8	.4															13	13	123	121
52/ 51			.4																4	4	54	153
50/ 49																					24	67
48/ 47																						95
46/ 45																						108
44/ 43																						57
42/ 41																						24
40/ 39																						8
38/ 35																						1
34/ 33																						2
TOTAL		4.5	9.1	18.4	19.1	23.7	15.3	4.4	1.9	.9	1.7	.9	.5	.3	.4					916		916
																			916		916	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3442334	54724	59.7	13.750	916							
Dry Bulb	4128733	61199	66.8	6.608	916			39.2	17.0	4.2	.1	93
Wet Bulb	3127745	53383	58.3	4.268	916			2.0				93
Dew Point	2464680	47260	51.6	5.367	916							93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03625 ALCONBURY RAF UK 73-82 JUL
STATION STATION NAME YEARS 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
94/ 93															.2			2	2		
92/ 91															.2	.2		3	3		
90/ 89													.1	.1	.1			3	3		
88/ 87												.6	.2					7	7		
86/ 85											.1	.1		.2	.1			5	5		
84/ 83											.4	.2	.1	.1				9	9		
82/ 81							.1	.2	.2	.3	.1	.1						14	14		
80/ 79						.7	.1	.7		.4								20	20		
78/ 77						.2	1.2	1.6	.1									28	28		
76/ 75					.1	1.0	2.7	1.1		.1	.2							49	49		
74/ 73				.4	.9	1.3	2.3	1.6	.3	.1								60	60		
72/ 71				.7	1.3	2.2	2.1	1.5	.1									69	69		
70/ 69			.4	.6	3.3	3.8	3.1	1.1										110	110	7	
68/ 67			.2	.3	1.2	1.7	1.3	.1										49	49	13	
66/ 65		.1	.6	1.0	3.1	2.5	1.9	.2										89	89	64	1
64/ 63	.3	.4	2.2	6.4	3.7	5.3	1.8											178	178	96	25
62/ 61	.2	.7	1.2	2.2	3.9	1.3	.6											91	91	119	27
60/ 59		.9	1.1	1.1	1.7	.3	.1											47	47	145	36
58/ 57		.4	.8	1.6	.1													26	26	159	87
56/ 55		.7	1.2	.4														19	19	95	115
54/ 53		.2	1.2	.1														12	12	116	107
52/ 51		.1	.1															2	2	63	133
50/ 49																				15	71
48/ 47																					85
46/ 45																					117
44/ 43																					42
42/ 41																					36
40/ 39																					12
38/ 37																					2
36/ 35																					2
TOTAL	.5	7.6	8.5	15.1	22.7	24.1	17.2	8.7	.8	1.9	1.7	1.0	.4	.4	.6	.2		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.	3228761	52239	58.4	14.441	892							
Dry Bulb	4113.66	60250	67.5	6.986	892			48.6	20.9	5.2	.2	93
Wet Bulb	3073054	52214	58.5	4.324	892			2.1				93
Dew Point	3962.4	45976	51.5	5.452	892							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035621 ALCONBURY RAF UK 73-82 JUL
STATION STATION NAME YEARS 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
9 / 89														.1				1	1		
8/ 87														.1				1	1		
86/ 85													.1					1	1		
84/ 83										.1	.1	.1	.1					4	4		
82/ 81									.1		.3		.1					4	4		
80/ 79								.1	.4	.5	.1							9	9		
78/ 77					.1	.3	.1	.4	.6	.3	.1	.1						17	17		
76/ 75					.3	.1	1.9	.3	.1	.3	.1							24	24		
74/ 73				.3	.4	1.7	1.2	.4	.5									34	34		
72/ 71				.6	1.8	2.1	.8	.9										48	48		
70/ 69			.4	1.7	3.6	2.7	1.1	.4										63	63	1	
68/ 67			.1	.4	1.3	1.2	.4	.1										31	31	9	
66/ 65			.4	3.1	3.5	1.8	1.1	.1										77	77	16	
64/ 63	.3	.5	1.5	7.5	5.6	4.4	.3											155	155	77	15
62/ 61		.5	4.4	3.7	3.9	.6	.3											100	100	93	13
60/ 59		1.9	3.6	3.2	2.6	.5	.3											94	94	97	25
58/ 57		1.5	1.5	2.8	.9													51	51	159	95
56/ 55	.1	1.2	1.3	2.1														35	35	119	114
54/ 53		.6	1.8	.5														23	23	97	111
52/ 51			.5															4	4	63	109
50/ 49																				62	51
48/ 47																				3	67
46/ 45																					99
44/ 43																					47
42/ 41																					22
40/ 39																					2
38/ 37																					2
36/ 35																					3
TOTAL	.4	8.2	15.3	24.7	27.3	15.3	7.2	3.7	1.7	1.3	.8	.3	.4	.3				776	776		776
																		776		776	

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	3359728	49931	64.3	13.777	776							
Dry Bulb	3268386	50116	64.6	6.403	776			28.4	11.4	2.3		93
Wet Bulb	2564597	44891	57.3	4.214	776			1.2				93
Dew Point	2185673	40037	51.6	5.780	776							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03521 STATION | ALCONBURY RAF UK STATION NAME | 73-82 YEARS | JULY 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
81/ 79										•								1	1		
78/ 75							.1		.1									2	2		
74/ 73							.1		.1									3	3		
72/ 71				.1	.4	.6			.1									10	10		
70/ 69			.3	.6	1.0	.7	.5	.1	.1									24	24		
68/ 67			.2		1.9	.6												18	18	1	
66/ 65			.9	2.2	1.5	.1	.6											36	36	2	
64/ 63	.3	.4	3.6	7.4	1.3	.4	.1											92	92	15	6
62/ 61	.2	.4	6.1	4.	2.5	.6	.1											95	95	41	6
60/ 59	.1	2.4	5.2	4.1	2.7	.4												104	104	77	17
58/ 57	.3	4.9	6.1	5.2	.7													116	116	112	61
56/ 55	.1	3.7	3.2	4.2														75	75	112	134
54/ 53	.1	1.6	4.9	2.5														62	62	111	89
52/ 51		.3	3.3	.4														27	27	83	93
50/ 49		.3	.6															6	6	85	58
48/ 47		.1	.4															4	4	26	69
46/ 45																				9	91
44/ 43																				1	52
42/ 41																					25
40/ 39																					4
TOTAL	1.3	19.7	34.4	31.0	12.1	3.6	1.8	.4	.6	.1									675		675
																		675		675	

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.	3735825	49649	73.6	11.158	675							
Dry Bulb	2418228	40256	59.6	5.455	675			8.0	.6	.1		93
Wet Bulb	2042773	37127	54.9	4.160	675			.1				93
Dew Point	1763039	34341	50.9	4.860	675							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03521 ALCONBURY RAF UK 73-82 JUL
STATION STATION NAME YEARS MONTH

PAGE 1 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
94/ 97															.0			3	3		
92/ 91															.1	.0		3	3		
90/ 89													.2	.1	.2			7	7		
88/ 87												.1	.1	.0				13	13		
86/ 85											.2	.1	.0	.0	.0			14	14		
84/ 83										.1	.2	.1	.0	.0				22	22		
82/ 81							.2	.2	.1	.2	.2	.0	.0					31	31		
80/ 79						.2	.1	.1	.1	.1	.1	.0						55	55		
78/ 77					.1	.3	.3	.2	.2	.1	.1	.0						80	80		
76/ 75				.1	.4	.7	.4	.0	.1	.1								135	135		
74/ 73			.2	.3	.7	.8	.5	.2	.1									176	176		
72/ 71		.0	.3	.3	1.2	.9	.5	.0										241	241		
70/ 69		.2	.5	1.5	1.9	1.1	.4	.0										352	352	17	
68/ 67		.2	.2	1.3	1.0	.4	.1											202	202	48	
66/ 65		.6	2.1	2.1	1.4	.7	.1											463	463	156	4
64/ 63	.1	2.0	5.6	3.1	2.9	.6												970	970	354	98
62/ 61	.2	3.8	3.4	2.4	.9	.2												757	757	545	136
60/ 59	.2	3	2.3	1.4	.3	.1												682	682	713	204
58/ 57	.2	5	3.1	.6	.2													654	654	1044	531
56/ 55	.4	3.5	2.6	2.1	.1													607	607	919	778
54/ 53	.2	2.2	3.4	.2														422	422	946	855
52/ 51	.1	1.1	2.8	.1														257	257	762	998
50/ 49	.1	.5	.4	.0														95	95	511	546
48/ 47	.1	.2	.5															86	86	222	762
46/ 45	.1	.5	.1															43	43	105	842
44/ 43		.1																5	5	30	374
42/ 41		.0																1	1	4	187
40/ 39																					49
38/ 37																					4
36/ 35																					6
34/ 33																					2
TOTAL	.1	.3	1.5	1.2	2.0	1.8	1.4	1.1	6.2	2.4	.8	.6	.4	.3	.2	.1	.1	.0		6376		6376
																		6376		6376	

Element	Σ_E'	Σ_E	$\bar{E}$	σ_E	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel Hum	32588341	445648	69.9	15.029	6376							
Dry Bulb	24668862	393858	61.8	7.303	6376			155.7	62.9	14.2	.4	744
Wet Bulb	20228559	356153	55.9	4.779	6376			7.6				744
Dew Point	16821092	325930	51.1	5.12	6376							744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

C35621 STATION — ALCONBURY RAF UK STATION NAME — 73-82 YEARS — AUG 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
76/ 75							.2											1	1		
74/ 73						.2												1	1		
72/ 71					.7	.3	.2											5	5		
70/ 69			.2	.5	.5													7	7		
68/ 67			.2	1.2	.7													12	12		
66/ 65			.3	.7	1.1	.2												13	13	4	
64/ 63		.2	3.4	2.5	.5													49	49	8	1
62/ 61	.2	2.8	4.9	4.4	.5													76	76	32	13
60/ 59		3.8	5.5	3.0	.7													76	76	47	21
58/ 57	.8	5.4	6.2	2.3	.2													89	89	97	42
56/ 55	2.3	4.2	7.2	1.5														91	91	95	96
54/ 53	1.2	1.6	9.2	2.4														85	85	84	81
52/ 51	.5	2.2	5.7	.3														52	52	80	70
50/ 49		1.0	2.8	.7														25	25	78	85
48/ 47		.8	1.2															12	12	49	73
46/ 45		.3	.2															3	3	18	69
44/ 43																				5	22
42/ 41																					19
40/ 39																					5
TOTAL	5.2	34.9	61.8	28.4	4.4	.7	.3												597		597
																		597		597	

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.	3888768	47854	81.2	9.422	...							
Dry Bulb	1580252	39258	57.4	4.916	597			4.1	.2			93
Wet Bulb	1750621	32221	54.0	4.413	597							93
Dew Point	1577185	30553	51.2	4.769	597							93

FORM AS-4 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35621	ALCONBURY RAF UK	73-82	AUG
STATION	STATION NAME	YEARS	MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
77/ 69				.5														4	4		
68/ 67				.3	.1													3	3		
66/ 65		.1	.4	.4														7	7		
64/ 63	.1	1.5	1.9	1.5														40	40	9	2
62/ 61	.2	1.7	3.7	1.9														61	61	23	8
60/ 59	.1	3.7	6.4	1.3														91	91	39	28
58/ 57	1.2	6.2	6.3	.9														116	116	93	48
56/ 55	2.7	8.4	5.8	2.1														154	154	127	96
54/ 53	1.4	2.5	7.7	.8														98	99	135	121
52/ 51	1.1	9.1	5.8															97	97	101	121
50/ 49	.2	2.8	3.3															52	52	119	44
48/ 47		5.1	1.6															54	54	87	122
46/ 45	.4	1.7	1.4															28	28	54	120
44/ 43	.1	.5																5	5	26	58
42/ 41																				5	23
40/ 39																					15
38/ 37																					4
TOTAL	7.7	39.3	44.7	9.1	.1													810	811	810	810

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5758498	67982	83.9	8.085	810							
Dry Bulb	2479144	44648	55.1	4.730	810			.8				93
Wet Bulb	2248847	42523	52.5	4.515	810							93
Dew Point	2069396	40748	50.3	4.931	810							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725621	ALCONBURY RAF UK	73-82	AUG
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0600-08 LT
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31			Dry Bulb	Wet Bulb	Dew Point
74/ 73					.1	.1												2	2			
72/ 71					.3													3	3			
70/ 69			.2	.2	.5													8	8			
68/ 67		.1		.1	.5													6	6	1		
66/ 65		.3	.6	1.3	.6													24	24	3	1	
64/ 63	.5	2.1	3.1	4.2	.7													91	91	16	9	
62/ 61	.2	2.5	4.7	3.1	.3													95	95	41	15	
60/ 59	.1	4.2	7.2	2.1	.1													118	118	75	35	
58/ 57	2.0	6.3	7.3	3.1	.2													168	168	137	90	
56/ 55	1.7	5.9	6.5	3.4														148	148	152	118	
54/ 53	.7	3.2	5.9	1.4														97	97	139	130	
52/ 51	.6	1.8	3.3	.1														51	51	125	146	
50/ 49	.1	1.0	1.5															24	24	107	68	
48/ 47	.1	1.8	.8															24	24	41	17	
46/ 45	.1	.2	.3															6	6	23	17	
44/ 43		.2																2	2	7	32	
42/ 41																				1	12	
40/ 39																					4	
38/ 37																					1	
TOTAL	9.1	36.3	41.5	18.6	3.3	.1														867		867
																		867		867		

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.	5838104	70666	81.5	9.267	867							
Dry Bulb	2879005	49799	57.4	8.639	867			2.0	.2			93
Wet Bulb	2568821	47149	54.3	8.252	867			.1				93
Dew Point	2337600	44936	51.7	8.678	867							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE /MAC

PSYCHROMETRIC SUMMARY

[illegible] AL CONEBOY RAF UK
STATION STATION NAME

YEARS

AUG
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
[illegible]																			•													1	1		
[illegible]																	•		•													1	1		
[illegible]															•				•													3	3		
[illegible]													•				•		•													8	8		
[illegible]									•		•		•		•		•		•													13	13		
[illegible]							•				•		•		•		•		•													19	19		
[illegible]							•		•		•		•		•		•															25	25		
[illegible]							•		•		•		•																			31	32		
[illegible]						•		•		•		•																				61	61	7	
[illegible]						•		•		•		•																				43	43	11	
[illegible]			•	6	1.3	3.7	3.9	1.6	1.		•																					112	112	71	3
[illegible]			2.4	3.6	11.3	5.5	5.2		•																							251	251	42	.1
[illegible]		1	3.3	8.5	8.8	5.7	1.8		•																							162	163	193	29
[illegible]		•	.4	2.4	2.1	1.4		•																								69	69	121	57
[illegible]		•	1.6	2.9	2.4		•																									79	79	208	77
[illegible]		•	.4	1.4	1.0																											28	28	117	134
[illegible]			.7	.7	.7																											11	11	143	136
[illegible]																																		66	146
[illegible]																																		54	63
[illegible]																																			7
[illegible]																																			118
[illegible]																																			53
[illegible]																																			9
[illegible]																																			1
[illegible]																																			1
TOTAL		.9	7.6	17.3	26.7	27.5	15.7	6.5	2.1		.9		.4		.1																968		968	

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.	4179856	64458	66.6	13.45	968							
Dry Bulb	3755836	62204	64.1	5.238	968			21.9	7.7	1.3		93
Wet Bulb	3018794	52232	57.6	3.955	968			1.8				93
Dew Point	2505304	47472	52.3	5.77	908							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03521 — STATION — ALCONBURY RAF UK — STATION NAME — 73-82 — YEARS — AUG — MONTH

PAGE 1 — 1200-1400 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
92/ 91												.2	.1					3	3		
90/ 89											.2							3	3		
88/ 87										.3	.1	.1	.1					5	5		
86/ 85										.1	.1	.1						3	3		
84/ 83									.1	.1	.3	.4						9	9		
82/ 81							.4	.1	.1	.2	.4	.1						13	13		
80/ 79					.1	.3	.2	.4	.4	.4	.3							21	21		
78/ 77					.1	.2	.6	1.6	1.6	.6	.1							46	46		
76/ 75				.1	.1	.4	1.1	2.2	.2									38	38		
74/ 73				.2	.4	.9	2.5	1.0	.6									52	52		
72/ 71			.1	.6	.5	2.5	3.2	2.4	.2									89	89	1	
70/ 69			.5	.9	2.6	6.0	3.8	1.0		.1								138	138	18	
68/ 67			.5	.5	1.9	2.3	1.0	.9										64	64	17	1
66/ 65	.1	.1	.6	2.6	2.2	1.8	2.3	.6										103	103	40	3
64/ 63	.1	.4	1.3	5.6	3.5	7.5	2.5											195	195	74	27
62/ 61		1.4	2.3	1.6	2.2	1.1	.5											83	83	183	22
60/ 59		.6	1.2	.5	.3	.3												28	28	149	41
58/ 57		.9	1.0	.1	.4													22	22	188	88
56/ 55		.4	.1	.5														10	10	95	112
54/ 53		.4																4	4	126	139
52/ 51			.1															1	1	27	144
50/ 49																				16	72
48/ 47																					69
46/ 45																					116
44/ 43																					63
42/ 41																					23
40/ 39																					7
38/ 37																					5
TOTAL	.2	4.3	7.7	13.3	15.1	23.1	18.1	10.1	3.3	1.9	1.7	1.0	.2					930		930	933

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.	3260584	53488	57.5	14.276	930							
Dry Bulb	4343546	63280	68.0	6.381	930			98.8	19.3	5.2		93
Wet Bulb	3232925	54697	58.8	8.147	930			3.6				93
Dew Point	2509932	48798	51.7	5.446	930			.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35521 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

 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
92/ 91												.2	.2					4	4		
90/ 89												.3		.1				3	3		
88/ 87									.2	.1	.2	.3	.2					11	11		
86/ 85												.2						2	2		
84/ 83										.1		.7						8	8		
82/ 81							.1	.2	.2		.6							10	10		
80/ 79						.1	.3	.4	1.7	.8	.7							33	33		
78/ 77					.1	.3	.7	1.4	2.4	.6	.4							54	54		
76/ 75				.1	.3	1.0	1.1	2.1	.4	.3								49	49		
74/ 73				.4	.8	1.2	2.1	1.5	1.1									65	65		
72/ 71				.3	.9	2.7	4.1	2.9	.2									99	99	2	
70/ 69			.1	.2	2.5	3.9	3.1	1.1	.1	.2								102	102	10	
68/ 67			.4	.2	2.2	1.8	1.3	.6										56	56	23	
66/ 65		.1	.6	1.1	2.3	1.9	2.6	.2										79	79	47	1
64/ 63	.1	1.7	.8	4.5	3.5	7.5	2.7	.2										178	178	82	21
62/ 61	.1	1.1	1.9	1.3	1.8	.4	.4											64	64	162	31
60/ 59	.1	1.4	2.5	.4	.6	.2	.2											50	50	150	33
58/ 57		1.1	.7	.4	.2	.3												25	25	158	71
56/ 55		.3	.2	.1														6	6	114	110
54/ 53		.6	.2															7	7	113	136
52/ 51																				33	138
50/ 49																				8	65
48/ 47																				5	86
46/ 45																					167
44/ 43																					62
42/ 41																					27
40/ 39																					11
38/ 37																					6
TOTAL	.3	5.6	7.4	9.3	15.1	21.0	18.0	10.8	6.4	2.2	1.5	1.7	.4	.1				905	905	905	905

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.	3077127	50913	56.3	15.346	905							
Dry Bulb	4294652	62034	68.5	6.871	905			51.0	24.6	6.3		93
Wet Bulb	3150195	53261	58.9	4.160	905			3.6				93
Dew Point	2415074	46490	51.4	5.452	905							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035621 STATION | ALCONBURY RAF UK STATION NAME | 73-82 YEARS | AUG MONTH

 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
98/ 97											.4	.1						4	4		
96/ 85											.1							1	1		
94/ 93									.1	.4								4	4		
92/ 81									.3		.1							3	3		
90/ 79								.6	.3	.4	.1							9	9		
88/ 77						.3	.4	1.0	.6	.4								21	21		
86/ 75					.1	.4	.9	.9	.1	.7								21	21		
84/ 73				.4	.1	1.1	1.8	.3	.4									37	37		
82/ 71				.4	1.1	1.8	1.4	.5	.6									45	45		
80/ 69			.5	.2	1.9	2.3	2.2	.4		.1								63	63		
78/ 67			.5	.4	1.1	2.3	.2											41	41	15	
76/ 65		.3	1.4	3.4	3.5	2.1	1.5	.1										94	94	24	1
74/ 63	.1	1.5	2.6	5.2	5.8	4.3	.2											162	162	56	11
72/ 61	.5	.8	2.4	3.3	4.1	.8	.1											64	94	91	31
70/ 59		1.5	3.5	2.8	2.1	.5												83	83	130	37
68/ 57		.1	2.1	2.1	.2	.4												60	60	143	70
66/ 55	.4	.6	1.6	1.6	.1													35	35	125	112
64/ 53		.6	.8		.4													14	14	116	83
62/ 51				.3														2	2	58	128
60/ 49																				26	70
48/ 47																				5	65
46/ 45																				4	99
44/ 43																					36
42/ 41																					16
40/ 39																					9
38/ 37																					5
TOTAL	1.1	7.4	15.1	20.6	21.1	16.9	9.8	4.2	2.4	1.5	.2	.1						793		793	
																		793		793	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 72 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.	3397912	51624	63.8	18.595	793							
Dry Bulb	3365569	51117	64.8	6.333	793			29.2	11.7	2.5		93
Wet Bulb	2628329	45531	57.4	4.222	793			1.8				93
Dew Point	2130988	40902	51.6	5.187	793							93

FORM AS-54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035521 ALCONBURY RAF UK 73-80 AUG
STATION STATION NAME YEARS 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
78/ 77								•										2	2		
76/ 75						.1	.6											5	5		
74/ 73					.1	.4	.1	.1										6	6		
72/ 71				.1	.6	.4	.3	.1										11	11		
70/ 69				.3	.5	.9	.6											16	16		
68/ 67			.1	1.2	.7	.4												16	16		
66/ 65		.1	1.6	1.6	2.6	.3	.3											45	45	3	
64/ 63	.4	1.9	2.5	4.6	3.5	1.5	.1											97	97	32	5
62/ 61		1.5	4.5	4.8	3.2	.1	.1											98	98	41	14
60/ 59	.4	3.6	6.4	6.4	.9													122	122	70	39
58/ 57	.1	4.4	5.1	4.5	.4													100	100	124	52
56/ 55	.7	1.9	5.1	5.2	.1													90	90	124	98
54/ 53		1.5	4.5	1.6														52	52	104	80
52/ 51		.1	2.6	.4	.1													23	23	81	113
50/ 49			.3	.1														3	3	82	61
48/ 47			.4															3	3	19	76
46/ 45																				6	110
44/ 43																				3	20
42/ 41																					12
40/ 39																					8
38/ 37																					1
TOTAL	1.7	14.9	33.1	31.8	12.5	4.2	2.2	.4											689		689
																		689		689	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3867243	51331	74.1	11.285	689							
Dry Bulb	2491164	41284	59.9	5.740	689			7.6	1.8			93
Wet Bulb	2111305	38031	55.2	4.193	689							93
Dew Point	1833323	35385	51.4	4.831	689							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

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
92/ 91												.1	.0					7	7		
90/ 89											.0	.0		.0				6	6		
88/ 87									.0	.0	.1	.1	.0					20	20		
86/ 85										.0	.0	.0						7	7		
84/ 83									.0	.1	.0	.2						22	22		
82/ 81							.1	.1	.1	.0	.2	.0						29	29		
80/ 79					.0	.1	.1	.2	.4	.2	.1							71	71		
78/ 77					.2	.1	.3	.5	.7	.2	.1							136	136		
76/ 75				.3	.1	.4	.6	.8	.1	.1								133	133		
74/ 73				.2	.2	.6	1.0	.5	.3									188	188		
72/ 71			.0	.2	.6	1.2	1.4	.6	.1									283	283	3	
70/ 69			.3	.4	1.4	2.2	1.4	.4	.0	.1								399	399	35	
68/ 67		.0	.7	.4	1.2	1.0	.5	.2										241	241	67	1
66/ 65	.1	.2	.8	1.9	2.2	1.1	1.3	.2										477	477	152	9
64/ 63	.2	1.6	2.2	5.1	2.9	3.5	.8											1063	1063	319	97
62/ 61	.2	1.6	3.5	3.2	2.3	.5	.2											733	733	676	163
60/ 59	.1	2.3	4.2	2.1	.8	.2	.0											637	637	807	291
58/ 57	.5	3.4	3.7	1.9	.3	.1												650	650	1148	534
56/ 55	.9	2.7	3.2	1.8	.2													562	562	949	876
54/ 53	.4	1.3	3.3	.6	.2													368	368	965	906
52/ 51	.3	1.1	2.3	.1	.0													226	226	571	1006
50/ 49	.1	.6	.9	.2														104	104	458	520
48/ 47	.2	1.0	.5															93	93	205	689
46/ 45	.1	.3	.2															37	37	101	848
44/ 43	.0	.1																7	7	41	331
42/ 41																				6	141
40/ 39																					64
38/ 37																					23
TOTAL	2.7	16.1	25.2	17.9	12.2	10.9	7.5	3.9	1.8	.8	.6	.4	.1	.0				6499		6499	
																		6499	6499		6499

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.	33264092	452952	69.7	16.152	6499							
Dry Bulb	25589908	404924	62.3	7.447	6499			176.5	70.9	16.8		744
Wet Bulb	20709797	365545	56.2	9.792	6499			17.0				744
Dew Point	17378752	338432	51.5	5.143	6499			.1				744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03521 | ALCONBURY RAF UK | 73-80 | SEP
STATION | STATION NAME | YEARS | 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
66/ 65			.4	.4														4	4		
64/ 63			1.6	1.6	.2													19	19		
62/ 61		.2	3.8	.9	.2													28	28	4	
60/ 59		1.3	3.8	1.1														34	34	17	1
58/ 57	.2	3.8	5.6	2.7	.2													65	65	39	15
56/ 55	.7	8.2	4.6	2.1	.2													86	86	52	38
54/ 53	.4	4.7	7.7	2.2														82	82	89	50
52/ 51		3.5	6.9	1.1														63	63	85	76
50/ 49	.2	2.9	6.7	.4														56	56	85	65
48/ 47		4.2	6.3	.2														57	57	73	63
46/ 45		3.3	2.2															30	30	55	75
44/ 43		1.1	1.3															13	13	41	56
42/ 41		.9	.7															9	9	18	51
40/ 39			.5															3	3	7	33
38/ 37																				1	14
36/ 35																				3	9
34/ 33																					1
32/ 31																					2
TOTAL	1.5	34.1	51.9	11.8	.7														549		549
																		549		549	

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.	359723	44252	80.6	7.434	549							
Dry Bulb	1574786	29273	53.3	5.100	549							90
Wet Bulb	1399996	27598	50.3	4.881	549							90
Dew Point	1252293	26050	47.4	5.440	549		.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

75621 STATION | ALCONBURY RAF UK STATION NAME | 73-82 YEARS | SEP MONTH

 HOURS (L. S. T.): 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./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65				.4														3	3		
64/ 63		.1	.5	.1														6	6		
62/ 61	.1	1.4	2.9	.5														39	39	5	1
60/ 59		1.4	2.2	.4														31	31	19	4
58/ 57		3.5	4.2	.6														65	65	36	26
56/ 55	.5	1.3	5.1	1.3														134	134	50	36
54/ 53	.8	6.4	6.3	.9														112	112	130	58
52/ 51	.8	4.2	9.2	.3														111	111	113	122
50/ 49	.5	2.6	4.1	.3														58	58	104	69
48/ 47	.4	6.4	3.1	.3														79	79	104	63
46/ 45	.9	1.2	2.3															73	73	94	145
44/ 43	.3	3.3	1.7															41	41	56	86
42/ 41		1.4	1.2															20	20	35	66
40/ 39		.6	.1															6	6	21	41
38/ 37		.1	.1															2	2	8	19
36/ 35																				2	15
34/ 33																				1	6
32/ 31																					2
30/ 29																					1
TOTAL	4.2	47.7	43.1	5.2															787		786
																		780		784	

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.	5986716	65170	83.6	7.315	780							
Dry Bulb	2133461	41599	52.1	5.103	785							94
Wet Bulb	1933917	38648	49.5	4.932	782							95
Dew Point	1760948	36818	47.2	5.438	780		.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03552I (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

 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
66/ 65			.1															1	1		
64/ 63		.9	.9	1.5	.1													27	27		
62/ 61		.6	4.3	1.0	.2													50	50	9	4
60/ 59		2.1	3.7	.7	.1													54	54	21	5
58/ 57		4.4	4.8	2.7														91	91	68	35
56/ 55	.4	3.2	4.8	2.7														125	125	65	89
54/ 53	1.2	4.5	6.7	1.6														113	113	128	86
52/ 51	.7	4.2	3.7	.9	.1													118	118	114	114
50/ 49	.1	3.1	3.9															58	58	125	53
48/ 47	.4	5.5	3.2	.4														77	77	108	112
46/ 45	.5	3.9	2.2															54	54	83	160
44/ 43	.1	2.1	1.2															26	26	36	70
42/ 41		1.2	1.2															16	16	34	50
40/ 39		.4																3	3	14	38
38/ 37		.6																3	3	6	15
36/ 35		.2																1	1	3	18
34/ 33		.1																1	1	1	6
32/ 31																				1	1
30/ 29																					4
28/ 27																					1
TOTAL	3.2	41.2	45.1	9.9	.5														818		818
																		818		818	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5689866	67418	82.4	8.218	818							
Dry Bulb	2328214	43428	53.1	5.260	818							90
Wet Bulb	2092625	41171	50.3	5.201	818		.1					90
Dew Point	1895699	39118	47.8	5.533	818		.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03621 STATION | ALCONBURY RAF UK STATION NAME | 73-82 YEARS | SEP MONTH

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
76/ 75						.1	.1											2	2		
74/ 73					.1	.1	.2											4	4		
72/ 71					.2		.1											3	3		
70/ 69				.1	1.2	.7	.2	.1										20	20		
68/ 67				.4	.7	.7	.4											18	18		
66/ 65			.6	2.9	2.2	1.1	.5											62	62	2	
64/ 63		.7	2.7	8.3	4.[illegible]	4.2	.4											173	173	11	
62/ 61	.2	.6	4.1	3.2	5.2	.6	.1											120	120	46	13
[illegible]/ 59	.2	.9	2.9	4.9	2.9	.5												105	105	65	18
58/ 57	.1	2.5	3.5	4.7	1.6	.7												112	112	127	58
56/ 55	.1	2.8	3.5	3.[illegible]	1.3	.1												93	93	135	34
54/ 53	.1	.8	2.7	2.1	1.1	.1												68	68	151	99
52/ 51		.5	3.3	.6	.4													43	43	110	107
50/ 49		.2	.4	.7	.1													12	12	85	65
48/ 47		.6	.5	.4														12	12	62	130
46/ 45	.2	.4	.5															3	8	21	136
44/ 43			.1															1	1	17	57
42/ 41			.1															1	1	3	39
[illegible]/ 39																				2	26
[illegible]/ 37																					20
[illegible]/ 35																					8
34/ 33																					1
TOTAL	.9	1.[illegible]	.5	2.5	3.1	1.2	2.[illegible]	.7	8.9	2.[illegible]	.1							857		857	857

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.	93219.6	6.024	70.3	11.733	857							
Dry Bulb	3050799	5.935	59.4	5.242	857			4.9	.[illegible]			90
Wet Bulb	2517578	46288	54.[illegible]	4.520	857							90
Dew Point	2111345	42277	49.3	5.486	857							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-8? (YEARS) SEP (MONTH)

PAGE 1 1200-1400 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
82/ 81								.1										2	2		
80/ 79								.1										1	1		
78/ 77						.2	.1	.2										5	5		
76/ 75				.1		.3	.6	.2										13	13		
74/ 73						.9	1.0	.5	.6	.1								27	27		
72/ 71					.6	1.4	1.6	1.4	.1	.1								45	45		
70/ 69				.8	1.7	4.2	1.5	.5	.1									77	77	1	
68/ 67			.2	.1	1.7	.9	1.8	.5										46	46	5	
66/ 65		.2	1.3	1.6	3.1	2.1	2.3	.2	.2									96	96	6	1
64/ 63		.2	1.6	5.2	4.7	1.4	2.2	.1										223	223	37	3
62/ 61	.2	.1	2.2	1.3	3.3	2.3	1.1	.2										91	91	94	15
60/ 59		.2	1.4	2.4	2.4	1.5	.2											71	71	96	21
58/ 57		1.8	1.1	1.3	2.2	1.5	.2											70	70	125	55
56/ 55		.3	1.1	1.4	2.6	.6												53	53	135	78
54/ 53		.6	2.1	.3	.7													32	32	162	94
52/ 51		.1	1.2	.3	.1													14	14	76	94
50/ 49					.2													2	2	65	44
48/ 47		.1	.3	.1														5	5	49	114
46/ 45	.1																	1	1	18	156
44/ 43																				3	79
42/ 41																				3	45
40/ 39																					33
38/ 37																					19
36/ 35																					16
34/ 33																					6
32/ 31																					1
TOTAL	.2	3.8	12.1	16.4	22.5	27.3	17.7	4.1	1.0	.2								874		874	874

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.	3314319	52675	60.3	12.648	874							
Dry Bulb	3532661	55337	63.3	5.765	874			22.2	4.9	.3		90
Wet Bulb	2706941	48469	55.5	4.668	874			.6				90
Dew Point	2111248	42630	48.8	6.048	874		.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35521 ALCONBURY RAF UK 73-82 SEP
STATION STATION NAME YEARS 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
82/ 81								.1										3	3		
78/ 77								.2										7	7		
76/ 75						.6	.4	.1	.1	.1	.1							12	12		
74/ 73					.1	.2	1.2	.7	.1	.4								27	27		
72/ 71				.2	.6	1.6	2.7	.8	.1	.1								53	53		
70/ 69			.2	.2	1.4	4.6	1.6	.8	.2									78	78		
68/ 67					1.4	1.4	2.1	.4	.1									46	46	3	
66/ 65		.2	1.1	3.3	2.1	1.8	2.2	.2										92	92	14	
64/ 63			.6	4.5	3.8	8.9	2.5	.2										176	176	29	5
62/ 61		.2	1.5	1.6	6.2	2.6	.2											112	112	91	8
60/ 59		.2	.8	2.1	2.1	1.3	.8											63	63	90	20
58/ 57		.8	2.1	2.7	1.6	1.2	.4											75	75	117	43
56/ 55		.6	1.1	1.5	2.1	.4												48	48	114	74
54/ 53		.1	1.8	1.2	.8	.4												36	36	174	84
52/ 51		.2	.5	.5	.1													11	11	81	96
50/ 49			.5	.2	.1													7	7	63	60
48/ 47		.2	.2	.2	.1													7	7	48	99
46/ 45																				20	151
44/ 43																				6	74
42/ 41																				3	61
40/ 39																					36
38/ 37																					18
36/ 35																					15
34/ 33																					5
32/ 31																					4
TOTAL	2.6	13.6	18.3	22.6	25.3	14.8	4.5	.7	.4	.1								853		853	
																		853		853	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2134377	50659	59.4	12.151	853							
Dry Bulb	3448223	53991	63.3	6.116	853			23.8	5.2	.3		90
Wet Bulb	2624675	47141	55.3	4.775	853			.3				90
Dew Point	2027045	41265	48.4	6.013	853		.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035521 ALCONBURY RAF UK 73-80 SEP
STATION STATION NAME YEARS MONTH

 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
74/ 77							.1											1	1		
76/ 75							.1											1	1		
74/ 73					.1		.2											3	3		
72/ 71						.4												3	3		
70/ 69				.1	.2	1.4	.3											19	19		
68/ 67					1.4	1.2	.4											22	22	1	
66/ 65		.1	.3	1.5	2.7	1.5	.8	.1										48	48	1	
64/ 63		.4	1.9	6.3	4.5	3.3	.3	.1										123	123	3	1
62/ 61		1.1	2.7	4.1	4.8	1.5	.1											101	101	34	2
60/ 59		.1	2.2	3.3	4.2	.8	.2											79	79	64	11
58/ 57		1.8	2.6	5.4	3.6	.7												96	96	97	30
56/ 55		2.3	2.3	5.6	1.2													82	82	95	55
54/ 53		.8	4.4	1.5	1.2													58	58	116	81
52/ 51			4.4	1.5	.6													49	49	97	92
50/ 49		.1	1.1	1.2	.1													19	19	101	62
48/ 47			1.1	.2														13	13	61	63
46/ 45		.4	.6	.5														13	13	35	144
44/ 43			.2	.3														3	3	14	71
42/ 41			.1															1	0	9	55
40/ 39																				5	19
38/ 37																				1	36
36/ 35																					6
34/ 33																					6
TOTAL		7.1	24.0	32.0	24.3	9.7	2.7	.2										734		734	734

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.	3456416	49762	67.8	10.754	734							
Dry Bulb	2569851	43231	58.9	5.679	734			6.0	.6			90
Wet Bulb	2088278	38990	53.1	4.835	734			.1				90
Dew Point	1712844	35212	48.0	5.677	734							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03687 ALCONBURY RAF UK 73-82 SEP
STATION STATION NAME YEARS MONTH

PAGE : 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
72/ 69					•2													1	1		
68/ 67					•2													1	1		
66/ 65				•5	•5													6	6		
64/ 63		•2	1•7	4•9	•9	•6												53	53		
62/ 61		•9	3•9	3•6	1•3	•2												63	63	3	
60/ 59		1•6	5•7	2•8	1•7	•2												76	76	37	4
58/ 57		1•3	5•8	5•5	•8	•7												86	86	77	21
56/ 55	•3	2•4	4•2	4•9	•2													76	76	59	89
54/ 53		1•4	7•7	3•3	•6													83	83	76	68
52/ 51	•2	2•0	12•2	1•6	•2													90	90	89	67
50/ 49		•3	3•3	•9														29	29	117	50
48/ 47		•9	3•6	•8														34	34	79	83
46/ 45		1•1	1•9	•5														22	22	40	114
44/ 43		•2	1•1															8	8	35	52
42/ 41		•7	•8															7	7	12	62
40/ 39			•2															2	2	6	32
38/ 37																				5	17
36/ 35																				2	12
34/ 33																					5
32/ 31																					2
30/ 29																					1
TOTAL	•5	12•6	50•3	22•9	6•2	6•9	1•1											637	537	637	637

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3646006	47874	75•2	8•689	637							
Dry Bulb	1968377	35249	55•3	5•296	637			•3				90
Wet Bulb	1686655	32629	51•2	4•205	637							90
Dew Point	1458811	30233	47•5	5•595	637		•4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

75621 ALCONBURY RAF UK 73-82 SEP
STATION STATION NAME YEARS MONTH

PAGE 1 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
≥ 81								.1										5	5		
79								.1										1	1		
77						.0	.0	.1										13	13		
75				.0		.1	.2	.1	.0	.0	.0							28	28		
73					.1	.2	.4	.2	.1	.1								61	61		
71				.0	.2	.5	.6	.3	.1	.1								104	104		
69			.2	.2	.4	1.5	.5	.2	.0									195	195	1	
67			.0	.1	.3	.6	.7	.1	.0									133	133	9	
65		.1	.5	1.5	1.4	.8	.8	.1	.0									312	312	23	1
63		.3	1.5	4.3	2.3	3.9	.7	.1										800	800	80	9
61	.1	.7	3.1	2.7	2.8	.9	.3	.1										604	604	286	43
59	.0	1.1	2.7	2.3	1.7	.6	.2											513	513	429	84
57	.1	2.4	3.6	3.3	1.2	.6	.1											660	660	686	269
55	.2	4.2	3.2	2.6	1.3	.1												697	697	705	473
53	.3	2.3	4.8	1.6	.6	.1												584	584	1026	620
51	.2	1.7	5.2	.8	.2													499	499	747	768
49	.1	1.1	2.2	.4	.1													241	241	745	468
47	.1	2.2	2.1	.4	.1													284	284	584	747
45	.2	1.5	1.1	.1														201	201	368	1081
43	.1	.8	.6	.0														92	92	210	545
41		.4	.5															54	54	116	429
39		.1	.1															14	14	55	256
37		.1	.1															5	5	21	158
35		.0																1	1	12	99
33		.1																1	1	2	35
31																				1	11
29																					5
27																					1
TOTAL	1.1	19.2	31.2	19.2	13.1	10.0	4.5	1.3	.2	.1	.0							6102	6102		6102
																		6102		6102	

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.	32567943	437834	71.8	13.743	6102							
Dry Bulb	20606372	352940	57.7	6.969	6102			63.7	12.7	.7		720
Wet Bulb	17050638	320930	52.6	5.303	102		.1	1.2				720
Dew Point	14326235	293603	48.1	5.715	102		2.3					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03621 STATION — ALCONBURY RAF UK STATION NAME — 73-82 YEARS — OCT MONTH

 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
64/ 63	.2		.5															4	4	1	1
62/ 61			.8	.2														6	6		
60/ 59		.5	.5	.2														7	7	5	
58/ 57		1.6	2.2	.4														23	23	8	4
56/ 55	.7	3.2	2.5	.4														38	38	22	14
54/ 53		2.2	5.2	1.4	.2													50	50	31	19
52/ 51		2.3	5.6	.2	.2													44	44	30	23
50/ 49	.1	4.7	5.1	.5														60	60	61	33
48/ 47	.4	4.2	6.3	.9														65	65	56	45
46/ 45	.7	7.8	5.8	.4														81	81	78	62
44/ 43	.2	9.9	3.4	.4														77	77	77	55
42/ 41	.2	6.5	2.5	.2														52	52	86	78
40/ 39	.2	3.2	.4															21	21	44	85
38/ 37	.5	2.2																15	15	31	57
36/ 35		1.3	.5															10	10	13	31
34/ 33		.2																1	1	8	36
32/ 31																				3	7
30/ 29																					7
28/ 27																					1
26/ 25																					2
TOTAL	3.6	49.5	41.5	5.1	.4													554	554	554	554

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.	3788385	456.7	82.3	7.827	554							
Dry Bulb	12823?2	26460	47.8	5.796	554							93
Wet Bulb	11536 5	25093	45.3	5.551	554		.5					93
Dew Point	1024889	23567	42.6	6.111	554		2.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35621 — STATION
ALCONBURY RAF UK — STATION NAME
73-82 — YEARS
OCT — 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
64/ 63	.1		.4															4	4	1	1
62/ 61		.3	.8															8	8		
60/ 59		.6	.5	.1														10	10	5	
58/ 57	.5	1.4	1.0	.3														23	23	16	8
56/ 55	.5	2.1	2.0	.5														49	49	16	11
54/ 53	.5	2.9	5.2															68	68	45	25
52/ 51	.6	4.3	4.3	.5	.1													78	78	55	32
50/ 49	1.2	3.9	2.5	.8														65	65	97	38
48/ 47	.9	5.9	2.4	.6														79	79	78	84
46/ 45	1.1	9.4	6.7	.3														139	139	101	119
44/ 43	.6	5.7	4.1	.1														84	84	95	75
42/ 41		7.2	3.0	.6														86	86	103	77
40/ 39	.1	4.6	.9															45	45	64	91
38/ 37	.4	1.8	1.0															25	25	57	84
36/ 35	.1	2.8	.1															24	24	24	53
34/ 33	.1	.6	.4															9	9	31	35
32/ 31																				5	20
30/ 29																				1	25
28/ 27																					5
26/ 25																					3
TOTAL	6.4	54.4	35.2	3.9	.1													796		796	796
																		796		796	

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.	5683367	66931	84.1	8.358	796							
Dry Bulb	1793769	37481	47.1	6.731	796							93
Wet Bulb	1632249	35737	44.9	5.914	796		.9					93
Dew Point	1470548	33810	42.5	6.585	796		6.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03521 STATION — ALCONBURY RAF UK STATION NAME — 73-80 YEARS — OCT MONTH

PAGE 1 — 0601-0810 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/ 63			.1	.1														2	2		
62/ 61		.1	.7															7	7		
60/ 59		1.1	1.4															20	20	2	
58/ 57	.4	1.1	.6	.1														18	18	22	8
56/ 55	.6	3.9	2.1	.4														53	53	72	71
54/ 53	.7	3.5	3.6	.4														66	66	85	26
52/ 51	.6	3.7	4.9															75	75	63	48
50/ 49	.6	3.5	2.0	.4	.2													55	55	70	35
48/ 47	.6	5.7	4.9	.9														98	98	88	66
46/ 45	.5	8.6	7.8	.5														141	141	86	113
44/ 43	.4	5.4	5.7	.2														95	95	110	57
42/ 41		5.3	2.8	.5														70	70	100	93
40/ 39	.1	4.1	1.1	.2														45	45	72	108
38/ 37	.5	1.2	1.5															26	26	58	76
36/ 35	.1	1.4	.7															18	18	24	58
34/ 33	.6	.7	.9															18	18	34	40
32/ 31		.2																2	2	16	14
30/ 29																				1	27
28/ 27	.2																	2	2	2	20
26/ 25																					6
24/ 23																					1
TOTAL	6.	49.	29.	8.	3.	7.	.2.												811		811
																		811		811	

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.	5648930	67332	83.3	8.520	811							
Dry Bulb	1821394	38109	47.3	6.198	811		.5					93
Wet Bulb	1647633	36211	44.6	6.168	811		2.2					93
Dew Point	1472556	34096	42.0	6.297	811		7.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03521 — STATION
ALCONBURY RAF UK — STATION NAME
73-80 — YEARS
OCT — MONTH

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
72/ 71						.1												1	1		
70/ 69						.2												2	2		
68/ 67					.1													1	1		
66/ 65				.1	.1													2	2		
64/ 63			.2	2.[illegible]	.2													21	21	1	
62/ 61		.2	1.9	1.4	.4													32	32	3	
60/ 59		.6	5.2	1.3	.7													40	40	10	
58/ 57	.4	1.9	2.3	2.4	.7													62	62	39	9
56/ 55	.5	2.6	3.1	3.[illegible]	.6													89	89	55	36
54/ 53	.1	2.3	5.4	2.9	1.2													99	99	55	44
52/ 51	.[illegible]	3.5	7.8	2.8	.5													123	123	84	61
50/ 49	.[illegible]	2.2	3.5	2.6	.5													75	75	128	42
48/ 47	.4	4.[illegible]	7.[illegible]	2.[illegible]	.1													112	112	114	80
46/ 45	.2	5.3	6.[illegible]	1.2	.1													107	107	134	130
44/ 43		1.2	2.[illegible]	.6														42	32	95	97
42/ 41		1.3	.6	.5														20	20	59	110
40/ 39		.6	.5															10	10	29	91
38/ 37		.2	.1															3	3	14	58
36/ 35		.2																2	2	10	34
34/ 33																				3	20
32/ 31																					3
30/ 29		.2																1	1	1	15
28/ 27																					2
26/ 25																					2
TOTAL	2.	26.	342.	323.	7	5.3	.4												934		834
																		834		834	

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.	4[illegible]77853	63867	76.6	1[illegible].195	834							
Dry Bulb	2242591	42995	51.6	5.595	834		.1	.4				93
Wet Bulb	1940570	39990	47.9	5.262	834		.1					93
Dew Point	1669087	36901	44.3	6.137	834		2.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03521 STATION | ALCONBURY RAF UK STATION NAME | 72-82 YEARS | OCT MONTH

PAGE 1 | 1200-1410 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
76/ 75							.4											3	3		
74/ 73						.1	.1											2	2		
72/ 71						.1	.1											2	2		
70/ 69						.2	.1											3	3		
68/ 67					.2													2	2		
66/ 65				.6	.8	.1												13	13		
64/ 63			.9	3.9	1.6	1.2												65	65	4	
62/ 61		.2	2.3	2.6	2.6	1.1												72	72	9	
60/ 59		.2	1.9	2.6	1.8	.7												61	61	27	
58/ 57		1.1	1.4	5.4	1.4	1.4												91	91	61	18
56/ 55		1.2	1.8	6.1	2.8	.7												107	107	61	35
54/ 53		1.3	5.4	4.7	6.2	.1												151	151	70	46
52/ 51		2.3	5.3	2.7	2.3	.2												110	110	102	68
50/ 49		.6	1.5	3.7	.8	.2												59	59	145	35
48/ 47	.1	1.9	2.7	1.8	1.3													66	66	171	98
46/ 45		1.2	2.2	.8	.4													37	37	134	124
44/ 43		.6		.4	.1													9	9	73	108
42/ 41			.1	.2														3	3	32	85
40/ 39			.1															1	1	10	66
38/ 37																				2	76
36/ 35																				1	44
34/ 33																					19
32/ 31																					11
30/ 29																					9
28/ 27																					3
26/ 25																					2
TOTAL	.1	11.5	25.0	35.2	22.3	6.2	.7											857	PST	857	957

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4799834	58446	68.2	11.536	857							
Dry Bulb	2608728	47050	54.9	5.473	857			1.3	.5			93
Wet Bulb	2129633	42563	49.6	5.734	857							93
Dew Point	1714972	37944	44.3	6.393	857		2.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | ALCONBURY RAF UK STATION NAME | 73-87 YEARS | OCT 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
76/ 75							.4											3	3		
72/ 71						.2												2	2		
70/ 69						.4												3	3		
66/ 65				1.[illegible]	.7													14	14		
64/ 63			1.[illegible]	3.9	1.[illegible]	.7												55	55	4	
62/ 61		.4	.8	2.5	1.7	.6	.1											51	51	3	
60/ 59		.4	2.3	1.9	1.9	.6												59	59	31	
58/ 57		1.1	2.7	4.4	1.2	1.6												92	92	45	15
56/ 55		1.1	3.6	5.8	2.1	.5												110	110	57	34
54/ 53		.8	4.2	3.8	4.1	.6												113	113	67	38
52/ 51	.4	2.1	5.6	4.4	2.[illegible]	.1												123	123	100	72
50/ 49		1.2	1.9	3.5	.7	.1												62	62	129	34
48/ 47		1.9	3.2	2.5	1.4													76	76	128	81
46/ 45	.2	1.6	3.6	1.[illegible]	.5													58	58	118	130
44/ 43	.1	.2	.4	.4	.2													11	11	85	86
42/ 41				.4														3	3	46	92
40/ 39			.2															2	2	16	98
38/ 37			.1															1	1	4	52
36/ 35																				4	50
34/ 33																				1	27
32/ 31																					10
30/ 29																					10
28/ 27																					6
26/ 25																					1
24/ 23																					2
TOTAL	.7	1.7	29.6	35.4	17.7	5.4	.5												938		838
																		838		838	

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.	4137831	58[illegible]98	69.3	11.460	838							
Dry Bulb	2484542	45392	54.2	5.551	838			.9	.3			93
Wet Bulb	2043618	41158	49.1	5.145	838							93
Dew Point	1659159	36887	44.[illegible]	6.510	838		3.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035621 ALCONBURY RAF UK 73-82 OCT
STATION STATION NAME YEARS 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
56/ 45				.1														1	1		
54/ 52			.3	1.6	.1													15	15		
52/ 51			1.8	1.2														22	22	1	
50/ 49		.7	2.9	.5	.1													31	31	4	
48/ 47		1.9	2.7	1.8	.4													47	47	32	4
46/ 45		2.6	3.3	3.5	.3													71	71	39	29
44/ 43		.7	6.1	3.5	.3													77	77	43	34
42/ 41	.7	2.2	7.4	2.6	.3													96	96	54	48
40/ 39	.1	1.9	4.4	2.6														66	66	112	22
38/ 37	.1	3.1	7.8	3.3	.4													108	108	103	54
36/ 35	.3	3.8	8.5	2.7	.1													114	114	106	126
34/ 33	.3	2.2	4.4	.7														55	55	92	77
32/ 31	.1	.5	1.9	.1														19	19	76	98
30/ 29		.4	.1	.1														5	5	47	82
28/ 27			.1															4	4	15	61
26/ 25		.1	.1															2	2	2	52
24/ 23																				6	27
22/ 21																				1	5
20/ 19																					8
18/ 17																					7
16/ 15																					1
TOTAL	1.6	19.8	51.8	29.6	2.2														733		733
																		733		733	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4319115	55875	76.2	9.145	733							
Dry Bulb	1904215	37153	50.7	5.365	733							93
Wet Bulb	1646415	34527	47.1	5.236	733		.1					93
Dew Point	1804995	31767	43.3	6.214	733		2.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035621 STATION — ALCONBURY RAF UK STATION NAME — 73-80 YEARS — OCT 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
64/ 62				.5														3	3		
62/ 61			1.4	.2														10	10		
60/ 59			3.1	.5														23	23		
58/ 57		1.8	2.4															28	28	17	
56/ 55		2.9	3.5	.8														47	47	29	22
54/ 53		1.2	5.6	2.6														62	62	38	25
52/ 51	.3	1.5	7.8	.3														65	65	46	34
50/ 49		1.4	3.6	.6														38	38	68	32
48/ 47	.8	6.7	7.3	1.2														105	105	85	40
46/ 45	.2	5.8	9.5	1.7	.2													113	113	92	92
44/ 43	.3	5.7	5.8	.9														79	79	88	72
42/ 41	.2	3.4	3.4	.2														46	46	87	101
40/ 39		2.4	1.5															24	24	52	70
38/ 37		1.1	.3															9	9	32	64
36/ 35			.5															3	3	16	52
34/ 33																				2	21
32/ 31																				3	14
30/ 29																					8
28/ 27																					5
26/ 25																					3
TOTAL	1.7	33.3	55.6	9.3	.2													655	655	655	655

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.	4202758	52272	79.7	8.750	655							
Dry Bulb	1571851	31582	48.7	5.533	655							93
Wet Bulb	1392535	29993	45.8	5.408	655		.4					93
Dew Point	1214873	27915	42.6	6.205	655		4.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035621 STATION | ALCONBURY RAF UK STATION NAME | 73-82 YEARS | OCT MONTH

PAGE 1 | 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
76/ 75							.1											6	6		
74/ 73						.2	.3											2	2		
72/ 71						.1	.7											5	5		
70/ 69						.1	.2											8	8		
68/ 67					.2													3	3		
66/ 65				.2	.2	.5												30	30		
64/ 63	.2		.4	1.6	.4	.3												169	169	11	2
62/ 61		.2	1.3	1.1	.6	.2	.2											208	208	16	
60/ 59		.5	1.8	1.5	.6	.7												251	251	84	
58/ 57	.1	1.4	1.9	2.6	.5	.4												384	384	240	66
56/ 55	.2	2.5	2.7	2.8	.4	.2												564	564	301	212
54/ 53	.2	1.9	5.3	2.5	1.6	.1												686	686	394	257
52/ 51	.4	2.8	6.7	1.8	.7	.1												714	714	534	386
50/ 49	.3	2.3	2.9	1.9	.3	.2												480	480	610	271
48/ 47	.4	4.1	5.1	1.7	.4													709	709	773	538
46/ 45	.4	5.3	6.1	1.1	.2													790	790	849	846
44/ 43	.2	3.5	3.1	.4														442	442	715	627
42/ 41	.2	2.6	1.7	.3														299	299	589	734
40/ 39	.1	1.8	.6	.0														153	153	334	711
38/ 37	.2	.7	.5															83	83	214	522
36/ 35	.1	.7	.2															59	59	94	372
34/ 33	.1	.2	.2															28	28	85	219
32/ 31		.2																2	2	28	84
30/ 29		.0																1	1	5	139
28/ 27	.1																	2	2	2	49
26/ 25																					20
24/ 23																					3
TOTAL	2.7	30.7	39.5	16.5	6.7	1.7	.2											6078		6078	
																		6078		6078	

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.	36857672	468358	77.1	11.234	6078							
Dry Bulb	15709441	376517	62.4	6.435	6078		.6	2.9	1.0			744
Wet Bulb	13586252	285212	46.9	5.774	6078		4.3					744
Dew Point	11626077	262907	43.3	6.469	6078		32.9					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035521	ALCONBURY RAF UK	73-77,79,81-82	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0000-0700 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			.4	.2														3	3		
60/ 59			.4															2	2		
58/ 57			.4															2	2	3	
56/ 55			.2															1	1	2	
54/ 53		.6	.8	1.3														13	13	4	4
52/ 51		1.2	3.1	.4	.2													23	23	2	5
50/ 49		1.7	3.8	.4														28	28	15	4
48/ 47		4.2	5.2															44	44	16	6
46/ 45	.2	5.6	6.9	.4														63	63	47	29
44/ 43	1.	4.2	4.1	.8														48	48	54	46
42/ 41	.2	4.2	7.9	.6														62	62	54	35
40/ 39		4.2	5.2															44	44	39	53
38/ 37	.2	3.6	2.1															28	28	59	49
36/ 35	.8	6.9	2.3															48	48	59	47
34/ 33	.4	2.9	2.7															29	29	38	54
32/ 31		3.1	.4															17	17	27	39
30/ 29		2.1	.4															13	12	23	40
28/ 27	.2	.2	.4															4	4	9	26
26/ 25		1.2	.4															1	1	4	15
24/ 23																				1	11
22/ 21																					5
20/ 19																					3
18/ 17																					3
16/ 15																					4
TOTAL	3.1	45.6	46.8	4.2	.2													478		478	
																		478	478		

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.	3772219	38119	79.7	8.235	478							
Dry Bulb	858542	23004	41.9	6.696	478		7.5					7.5
Wet Bulb	758575	18799	39.3	6.351	478		13.2					13.2
Dew Point	641028	17184	35.9	6.984	478		27.5					

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03521 STATION | ALCONBURY RAF UK STATION NAME | 73-82 YEARS | NOV 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
60/ 59			.1															1	1		
58/ 57		.1	.1															15	15		
56/ 55		.7	.6	1.1														17	17	8	4
54/ 53	.2	.1	.2	.1														25	25	18	6
52/ 51	.1	1.4	5.2															47	47	21	15
50/ 49		.1	2.1	.3														24	24	29	9
48/ 47		5.4	3.2	.6														65	65	52	22
46/ 45	.1	3.7	6.6	.4														79	79	67	54
44/ 43	.5	4.4	3.7	.6														67	67	55	63
42/ 41		5.2	7.4	.7														101	101	67	56
40/ 39		5.1	4.8	.1														73	73	76	64
38/ 37	.4	2.5	2.9															65	65	88	62
36/ 35	.3	3.9	1.9															44	44	86	68
34/ 33	.3	1.8	2.1															30	30	51	74
32/ 31	.1	2.6	.4															24	24	38	45
30/ 29	.1	2.5	.1															20	20	28	71
28/ 27	.3	1.7	.9															20	20	21	38
26/ 25		.7																5	5	12	34
24/ 23		.3																2	2	5	18
22/ 21		.3																2	2	2	9
20/ 19																				2	3
18/ 17																					6
16/ 15																					3
14/ 13																					2
TOTAL	3.5	48.6	44.8	3.9														726	726	726	726

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	468928	58056	80.0	8.206	726							
Dry Bulb	1329264	30616	42.2	7.257	726		9.2					9h
Wet Bulb	1177947	28800	39.7	6.998	726		13.4					9h
Dew Point	1002478	26392	36.4	7.707	726		28.9					9h

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03521 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

 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
59/ 57		1.3	1.4	.1														22	22		
56/ 55		1.3	1.6	.3														22	22	10	1
54/ 53	.3	.5	1.7	.9														26	26	23	13
52/ 51		1.7	3.4	.1														40	40	25	17
50/ 49		.5	3.3	.1														23	23	30	19
48/ 47		4.2	2.6	.3														54	54	45	27
46/ 45	.1	6.6	4.5	1.2														96	96	63	55
44/ 43	.3	3.5	5.6	1.0														80	80	59	60
42/ 41		4.7	4.9	.3														76	76	70	65
40/ 39		8.6	4.3															97	97	81	44
38/ 37	.4	5.2	4.5															78	78	101	61
36/ 35	.9	4.3	2.2															54	54	80	98
34/ 33	.1	1.8	1.3															25	25	78	72
32/ 31		2.5																19	19	32	49
30/ 29		3.3	.1															24	24	28	81
28/ 27		2.2	.4															20	20	18	47
26/ 25		.5	.1															6	6	14	28
24/ 23		.5																4	4	6	16
22/ 21		.5																4	4	3	7
20/ 19																				4	7
18/ 17																					2
16/ 15																					7
14/ 13																					2
12/ 11																					1
TOTAL	1.4	52.9	40.9	4.3															770		770
																		770		770	

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.	5008404	61812	80.3	7.770	770							
Dry Bulb	1400798	32346	42.1	7.392	770		9.2					90
Wet Bulb	1243297	30455	39.6	7.698	770		12.3					90
Dew Point	1062003	27953	36.3	7.837	770		28.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) NOV (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
62/ 61			.T	.4														5	5		
60/ 59			.6	.1														6	6		
58/ 57		.8	1.5	.0														24	24	2	
56/ 55		.4	2.8	.6	.1													31	31	14	1
54/ 53		1.4	3.5	2.2	.1													57	57	21	11
52/ 51	.4	1.9	2.4	.8														40	40	48	22
50/ 49		.3	2.3	.9														25	25	59	23
48/ 47		3.2	6.2	1.5	.1													87	87	30	42
46/ 45		5.6	9.2	3.3	.1													144	144	76	59
44/ 43	.1	1.5	6.9	1.5														79	79	90	48
42/ 41		5.3	6.2	.8														97	97	95	73
40/ 39		5.2	3.3	.3														69	69	109	79
38/ 37	.8	2.2	2.9															46	46	94	94
36/ 35		1.8	1.4	.1														26	26	49	98
34/ 33		.8	1.3	.3														16	16	45	69
32/ 31	.1	1.6																9	9	17	37
30/ 29		1.5	.5															16	16	17	52
28/ 27		.5	.4															7	7	10	42
26/ 25		.5																4	4	8	12
24/ 23		.1																1	1	4	12
22/ 21		.1																1	1	1	3
20/ 19																				1	3
18/ 17																					7
16/ 15																					3
TOTAL	1.4	33.9	51.1	13.0	.5													790	797	790	790

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4766216	60966	77.2	8.817	790							
Dry Bulb	1613833	35289	44.7	6.893	790		4.3					90
Wet Bulb	1401725	32871	41.6	6.565	790		6.6					90
Dew Point	1178455	29899	37.8	7.371	790		19.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035621 STATION | ALCONBURY RAF UK STATION NAME | 73-82 YEARS | NOV MONTH

PAGE 1 | 1200-1400 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/ 62				.4	.1	.1												5	5		
62/ 61		.1	.5	.8	.6													20	20		
60/ 59		.2	.9	.6	.2		.1											17	17	1	
58/ 57		.7	1.2	1.4														33	33	10	1
56/ 55		1.3	2.7	3.5	.7													68	68	21	5
54/ 53	.1	1.6	2.5	3.[illegible]	.7													66	66	44	13
52/ 51		1.1	3.1	2.4	1.[illegible]													63	63	49	39
50/ 49		.5	3.6	2.2	.7	.1												59	59	75	21
48/ 47		2.5	6.[illegible]	3.4	1.3													110	110	62	51
46/ 45		2.9	9.8	4.8	1.8													160	160	109	85
44/ 43		.7	4.9	3.3														74	74	88	48
42/ 41		2.4	4.1	1.9														70	70	110	90
40/ 39	.1	1.8	1.2	1.1														35	35	121	79
38/ 37	.4	.8	1.[illegible]															18	18	62	86
36/ 35		.4	.6	.8														15	15	29	97
34/ 33	.1	.3	.1															6	6	21	82
32/ 31	.1	.2	.2															5	5	12	31
30/ 29		.2																4	4	12	33
28/ 27		.1																1	1	3	40
26/ 25																					14
24/ 23																					4
22/ 21																					3
20/ 19																					2
18/ 17																					5
TOTAL	.8	18.5	43.[illegible]	29.7	7.5	.2	.1											829	829	829	829

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	44246.0	59890	72.2	11.875	829							
Dry Bulb	1931433	39675	47.9	6.278	829		1.1					90
Wet Bulb	1622860	36338	43.8	6.723	829		2.9					90
Dew Point	1311661	32421	39.1	7.267	829		14.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03562 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) NOV (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
64/ 63		.1		.1	.1													3	3		
62/ 61			.8	.2	.1		.1											16	16	1	
60/ 59		.2	.5	.4	.4													12	12		1
58/ 57		1.2	1.9	1.6	.1													38	38	10	
56/ 55		1.5	1.9	2.7	.1													51	51	15	3
54/ 53		.7	4.2	1.5	.4													56	56	41	21
52/ 51		1.6	4.7	1.8	.7													67	67	47	29
50/ 49		.4	3.4	1.8	.1													47	47	75	16
48/ 47		1.5	5.9	3.6	.5													95	95	53	47
46/ 45	.1	3.3	1.3	3.9	1.1													154	154	89	86
44/ 43		1.3	6.1	2.9	.2													84	84	94	41
42/ 41		2.2	6.2	1.9														85	85	105	81
40/ 39		2.8	2.1	1.5														52	52	107	81
38/ 37	.4	.6	2.1	.2														27	27	83	101
36/ 35		.1	.8	.2														10	10	36	101
34/ 33	.2	.4	.5	.2														11	11	34	65
32/ 31		.1	.4	.1														6	6	13	27
30/ 29	.1	1.0	.1	.1														11	11	15	39
28/ 27																				6	47
26/ 25																				1	20
24/ 23																					10
22/ 21																					3
20/ 19																					1
18/ 17																					3
16/ 15																					2
TOTAL	.8	18.3	51.3	25.2	4.5		.1											875	825	875	825

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.	4526834	6546	73.4	10.362	825							
Dry Bulb	1850033	38697	46.9	6.511	825		1.9					90
Wet Bulb	1568096	35592	43.1	6.289	825		3.8					90
Dew Point	1277350	31880	38.6	7.425	825		16.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03962I — STATION
ALCONBURY RAF UK — STATION NAME
73-82 — YEARS
NOV — MONTH

PAGE 1
1600-2000 — 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
64/ 63				.1														1	1		
62/ 61			.5	.7														6	6		
60/ 59					.1													1	1		
58/ 57		.7	1.3	1.3														18	18	5	
56/ 55		1.5	2.1	.7														31	31	4	1
54/ 53		.1	3.8	1.8														35	35	18	9
52/ 51		.4	4.2	.3														35	35	27	12
50/ 49		1.8	2.4	.4														33	33	46	9
48/ 47	.1	1.8	5.3	1.7	.3													61	61	46	32
46/ 45		3.1	10.0	3.1	.1													116	116	54	66
44/ 43		2.0	8.6	2.2														91	91	64	32
42/ 41	.3	3.9	5.8	.7														76	76	100	60
40/ 39	.4	4.6	4.5	.6														72	72	100	67
38/ 37	.8	2.8	4.5															58	58	79	81
36/ 35		1.1	3.7	.4														37	37	55	96
34/ 33	.3	1.1	1.1															16	18	52	62
32/ 31		.3																5	5	38	35
30/ 29		.8		.1														7	7	9	57
28/ 27		.7	.4															8	8	5	47
26/ 25		.1	.3															3	3	4	17
24/ 23																				6	14
22/ 21																					8
20/ 19																					1
18/ 15																					6
TOTAL	2.7	42.7	58.1	12.2	.6														712		712
																		712		712	

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.	4181316	54213	76.1	8.706	712							
Dry Bulb	1419116	31426	44.1	6.713	712		2.9					90
Wet Bulb	1224540	29178	41.0	6.366	712		7.8					90
Dew Point	1010971	26323	37.0	7.243	712		23.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03521 ALCONBURY RAF UK 73-82 NOV
STATION STATION NAME YEARS 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
62/ 61				.7														5	5		
60/ 59			.1															1	1		
58/ 57				.6														4	4		
56/ 55		1.1	2.5	.4														27	27	6	
54/ 53		.3	1.8	.7														19	19	7	1
52/ 51		.1	5.1	.7														41	41	29	14
50/ 49		.6	2.9	.1														25	25	23	4
48/ 47		3.4	4.5	.6														58	58	52	25
46/ 45		2.6	6.7	1.6														82	82	49	53
44/ 43	.4	3.6	7.2	2.6														94	94	66	39
42/ 41	.7	2.8	7.0	.6														76	76	74	63
40/ 39	.3	2.5	2.8	.4														62	62	75	64
38/ 37	.7	4.2	6.3	.1														78	78	95	65
36/ 35		3.5	2.8	.1														44	44	50	63
34/ 33	.7	2.5	2.3															32	32	76	80
32/ 31		1.2	.6															12	12	37	38
30/ 29		1.3	.1															10	10	26	77
28/ 27		.9																6	6	4	49
26/ 25		.4	.6															7	7	7	22
24/ 23		.1																1	1	7	13
22/ 21		.1																1	1	1	10
20/ 19																					3
18/ 17																					1
16/ 15																					6
TOTAL	2.5	34.9	53.1	9.5															685		685
																		685		685	

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.	4190234	532044	77.8	8.425	685							
Dry Bulb	1279772	29234	42.7	6.855	685		4.9					90
Wet Bulb	1114433	27271	39.8	6.481	685		10.9					93
Dew Point	927370	24726	36.1	7.138	685		28.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03621 — STATION
ALCONBURY RAF UK — STATION NAME
73-8[illegible] — YEARS
NOV — MONTH
PAGE 1
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
64/ 63		.[illegible]		.1	.[illegible]	.[illegible]												9	9		
62/ 61		.[illegible]	.[illegible]	.3	.2		.[illegible]											55	55	1	
60/ 59		.1	.3	.2	.1		.[illegible]											40	40	1	1
58/ 57		.7	1.2	.6	.[illegible]													156	156	30	1
56/ 55		1.[illegible]	1.9	1.3	.1													248	248	80	15
54/ 53	.1	.8	2.7	1.4	.2													297	297	176	78
52/ 51	.1	1.2	3.8	.8	.[illegible]													356	356	248	153
50/ 49		.8	2.8	.6	.1	.[illegible]												264	264	352	96
48/ 47	.[illegible]	3.2	4.9	1.5	.3													574	574	376	252
46/ 45	.1	4.2	3.1	2.5	.4													894	894	554	467
44/ 43	.[illegible]	2.5	5.9	1.9	.[illegible]													617	617	570	377
42/ 41	.1	3.9	6.1	1.[illegible]														643	643	675	523
40/ 39	.1	4.7	3.3	.5														504	504	708	531
38/ 37	.5	3.[illegible]	3.3	.1														398	398	661	599
36/ 35	.[illegible]	2.4	1.[illegible]	.2														278	278	440	668
34/ 33	.2	1.3	1.3	.1														167	167	395	558
32/ 31	.1	1.3	.[illegible]	.[illegible]														97	97	214	301
30/ 29	.[illegible]	1.5	.2	.[illegible]														104	104	158	450
28/ 27	.1	.6	.[illegible]															66	66	76	331
26/ 25		.4	.2															32	32	50	162
24/ 23		.[illegible]																8	8	35	98
22/ 21		.1																8	8	7	48
20/ 19																				8	23
18/ 17																					27
16/ 15																					31
14/ 13																					4
12/ 11																					1
TOTAL	1.9	34.1	43.6	13.6	1.9	.[illegible]	.[illegible]												5815		5815
																		5815		5815	

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
Ref. Num.	34658841	446863	76.8	9.448	5815							
Dry Bulb	116628 1	257287	44.2	7.172	5815		39.3					720
Wet Bulb	10111966	239304	41.2	6.731	5815		67.9					720
Dew Point	8406816	216778	37.3	7.483	5815		182.9					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035621 STATION | ALCONBURY RAF UK STATION NAME | 73-78,81-82 YEARS | DEC MONTH

 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															1	1		
56/ 55			.8	.4														6	6		
54/ 53		.2	3.1															16	16	2	
52/ 51		.2	2.1	1.3														17	17	5	2
50/ 49	.2	1.0	4.4															27	27	21	2
48/ 47		2.1	2.3	.4														23	23	24	12
46/ 45	.6	4.4	3.6	.6														45	45	36	30
44/ 43	.2	3.8	4.6	1.3														47	47	40	25
42/ 41		4.2	2.9	1.0														39	39	36	43
40/ 39	.6	7.1	2.9	.4														53	53	46	26
38/ 37		6.3	2.9															44	44	49	54
36/ 35		8.8	1.9															51	51	51	37
34/ 33	.8	6.7	1.3															41	41	67	61
32/ 31	.6	3.6	.4															22	22	43	43
30/ 29		4.1	1.0															24	24	22	52
28/ 27		2.5																12	12	16	39
26/ 25		1.0																5	5	11	14
24/ 23		.6																3	3	6	12
22/ 21																				1	11
20/ 19		.2																1	1		12
18/ 17																				1	1
16/ 15																					1
TOTAL	2	456	834	4	5													477	477	477	477

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.	3165059	38631	81.0	6.749	477							
Dry Bulb	791623	19135	40.1	7.108	477		13.1					93
Wet Bulb	700975	18017	37.8	6.554	477		19.5					93
Dew Point	594899	16515	34.6	6.967	477		36.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (YEARS) DEC (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
59/ 57				.7														2	2		
56/ 55			.5															4	4		
54/ 53			2.9	.3														23	23		
52/ 51		.7	2.6	.3														26	26	7	
50/ 49		1.4	1.6	.4														25	25	37	1
48/ 47	.4	2.9	2.2															40	40	38	18
46/ 45	1.0	5.7	3.7	1.0														83	83	46	63
44/ 43	.1	4.4	4.2															64	64	55	35
42/ 41		3.7	2.6	.5														50	50	62	50
40/ 39	.5	3.1	3.1	.1														86	86	56	62
38/ 37	.8	6.3	3.7															79	79	82	53
36/ 35		7.3	3.0															75	75	78	61
34/ 33	1.1	5.9	1.6															63	63	116	75
32/ 31		2.9	.1															22	22	51	58
30/ 29		2.4	1.2															34	34	33	81
28/ 27	.5	1.8	.1															18	19	28	82
26/ 25	.1	2.5	.1															20	20	13	23
24/ 23		1.0																7	7	19	22
22/ 21	.1	.8																7	7	4	19
20/ 19	.1	.3																3	3	7	11
18/ 17																				2	7
16/ 15																					6
14/ 13																					3
12/ 11																					1
TOTAL	4.0	58.8	33.4	2.9														731	732	731	731

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.	4907793	59568	81.5	8.576	731							
Dry Bulb	1180632	28896	39.5	7.395	732		14.2					93
Wet Bulb	1052316	27272	37.3	6.910	731		19.6					93
Dew Point	894504	24986	34.2	7.451	731		39.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03521 ALCONBURY RAF UK 73-82 DEC
STATION STATION NAME YEARS 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
58/ 57				.5														4	4		
56/ 55				.5														4	4		
54/ 53		.1	2.5	.1														23	23	1	
52/ 51		1.5	1.3	.2														25	25	8	1
50/ 49		1.7	1.7															28	28	41	4
48/ 47	.5	2.4	2.3		.1													44	44	40	23
46/ 45	.8	4.5	5.3	.6	.2													95	95	44	51
44/ 43	.4	2.7	4.7	.2														66	66	64	44
42/ 41		4.2	3.2	.4														64	64	66	46
40/ 39	.5	7.9	3.3															96	96	65	68
38/ 37	.5	4.7	3.5															72	72	97	81
36/ 35		7.0	3.9															89	89	76	70
34/ 33	1.2	7.9	.6															80	80	130	68
32/ 31		2.5																21	21	72	49
30/ 29	.1	4.7	.5															45	45	29	109
28/ 27	.5	2.7	.2															28	28	32	99
26/ 25		2.8																23	23	26	25
24/ 23	.1	.6																6	6	17	28
22/ 21	.5	.6																9	9	9	27
20/ 19		.2																2	2	5	11
18/ 17																				2	10
16/ 15																					11
14/ 13																					1
12/ 11																					2
TOTAL	5.1	56.9	33.1	2.5	.4														924		824
																		824		824	

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.	54837.9	66847	81.1	8.591	824							
Dry Bulb	1313963	32334	39.2	7.408	824		15.1					93
Wet Bulb	1170878	30528	37.0	6.959	824		21.7					93
Dew Point	989590	27870	33.8	7.553	824		41.5					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03521 — STATION
ALCONBURY RAF UK — STATION NAME
73-82 — YEARS
DEC — 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
60/ 59				.2														2	2		
58/ 57				.4														3	3		
56/ 55		.1	.2	.4														6	6		
54/ 53		.2	3.2	.2	.1													32	32	3	
52/ 51		.7	2.2	.2														27	27	14	1
50/ 49	.1	1.1	1.8	.1														26	26	37	6
48/ 47	.5	2.7	4.3	.6														66	66	45	24
46/ 45	.2	6.1	5.7	.8	.4													113	113	74	70
44/ 43	.1	2.8	6.3	1.1														85	85	66	47
42/ 41	.1	3.4	3.6	.4														64	64	75	58
40/ 39	.5	6.2	4.3	.2														94	94	82	72
38/ 37	1.1	4.4	4.6	.1														95	95	94	81
36/ 35		6.7	4.1															92	92	94	81
34/ 33	.4	5.1	1.1															55	55	127	76
32/ 31	.2	2.2	.4															24	24	59	68
30/ 29		2.0	.7															23	24	19	94
28/ 27	.1	2.3																25	25	27	85
26/ 25		1.8																19	19	18	22
24/ 23		.6																5	5	14	26
22/ 21	.2	.2																4	4	6	13
20/ 19																				2	15
18/ 17																					9
16/ 15																					6
TOTAL	3.9	49.6	41.4	4.7	.5													857			856
																		856		856	

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.	5561925	68573	80.1	8.960	856							
Dry Bulb	1451929	34749	40.5	7.742	857		17.5					93
Wet Bulb	1282596	32650	38.1	6.600	856		15.8					93
Dew Point	1080132	29766	34.8	7.260	856		36.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] ALCONBURY RAF UK 73-82 DEC
STATION STATION NAME YEARS MONTH

PAGE 1 ~~1200-1800~~ 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
[illegible] / 61					.2													2	2		
[illegible] / 59					.1													1	1		
[illegible] / 57		.2	.4															6	6		
[illegible] / 55		.6	1.1	1.2	.2													26	26	2	
[illegible] / 53		.1	2.1	1.4	.1													34	34	13	2
[illegible] / 51	.1	1.2	2.3	1.2	.4													75	75	16	9
[illegible] / 49		1.0	2.7	.9														35	35	54	5
[illegible] / 47	.1	3.3	3.1	1.1														68	68	72	22
[illegible] / 45	.3	5.4	5.5	2.9	.5													136	136	72	96
44 / 43	.1	3.1	6.2	2.6														107	107	92	58
[illegible] / 41		5.1	5.1	1.1														92	92	74	66
40 / 39	.6	5.5	4.6	.4	.1													102	102	123	68
[illegible] / 37	.9	7.2	3.7															71	72	118	93
[illegible] / 35	.1	3.7	3.1															63	63	87	85
[illegible] / 33	.4	3.0	1.4															44	44	93	88
[illegible] / 31	.1	.7	.2															9	9	42	59
[illegible] / 29		1.5	.3															17	17	15	68
[illegible] / 27		1.8	.1															17	17	20	81
[illegible] / 25		.2																2	2	12	37
[illegible] / 23																				2	17
[illegible] / 21																					10
[illegible] / 19																					6
[illegible] / 17																					2
TOTAL	2.5	30.5	44.1	12.6	2.1													907	908	907	907

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.	5475.31	69853	77.1	10.255	907							
Dry Bulb	17141.3	38985	42.9	6.669	908		4.6					93
Wet Bulb	14825.1	36237	40.0	6.194	907		9.3					93
Dew Point	12209.6	32676	36.0	6.945	907		30.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | ALCONBURY RAF UK STATION NAME | 73-80 YEARS | DEC MONTH

 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
[illegible] 59					.1													1	1		
[illegible] 57		.1	.3	.1														5	5		
[illegible] 55		.4	.1	1.[illegible]														14	14	1	
54/ 53		.2	2.6	1.1	.1													37	37	9	1
[illegible] 51	.2	.7	3.4	.7														45	45	11	10
[illegible] 49		.7	2.6	.9														38	38	49	3
48/ 47		4.5	3.5	2.3	.1													95	95	55	11
46/ 45	.7	4.1	5.6	1.5	.2													110	110	90	94
44/ 43		4.1	5.6	2.1	.2													109	109	74	52
42/ 41		3.9	2.9	.9														69	69	95	69
40/ 39	.2	6.8	4.1	.7														107	107	94	64
38/ 37	.9	4.5	5.2															94	94	110	121
36/ 35	.7	4.3	2.2	.1														60	60	94	88
34/ 33	.4	3.9	2.3	.1														61	61	105	78
32/ 31		1.3	.4	.1														17	17	49	66
30/ 29		2.2	.4															24	24	30	91
28/ 27		2.1																19	19	25	61
26/ 25		.4																4	4	14	33
24/ 23																				4	23
22/ 21																					13
20/ 19																					8
18/ 17																					3
TOTAL	1.[illegible]	44.1	40.9	11.[illegible]	.8														909		909
																		909		909	

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.	5670446	71272	78.4	9.516	909							
Dry Bulb	1645584	38192	42.[illegible]	6.714	909		6.5					93
Wet Bulb	1436234	35688	39.3	6.249	909		12.[illegible]					93
Dew Point	1196137	32371	35.6	6.910	909		32.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]621 ALCONBURY RAF UK 73-82 DEC
STATION STATION NAME YEARS MONTH

PAGE 1 1400-2000
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
[illegible]/ 57			.0	.3	.1													6	6		
56/ 55			.4	.4														6	6		
54/ 53			1.6	.7														19	19	3	
52/ 51		.7	2.2	.3														26	26	7	3
50/ 49		1.2	2.7	.4														31	31	11	5
48/ 47		2.4	2.2	1.3														53	53	41	11
46/ 45	.9	5.2	6.6	.9														110	110	68	66
44/ 43	.1	3.4	4.9	1.3														74	74	65	46
42/ 41		3.1	4.1	.8														60	60	73	55
40/ 39		4.4	2.6	.3														86	86	59	54
38/ 37	.9	5.9	4.3															85	85	106	71
36/ 35	.3	4.9	2.9															61	61	72	82
34/ 33	.6	4.3	1.6															51	51	98	79
32/ 31		1.7	.9															19	19	46	43
30/ 29	.1	2.4	.9	.3														27	27	29	86
28/ 27	.7	4.2																37	37	33	71
26/ 25		1.1																8	8	21	29
24/ 23		.1																1	1	7	25
22/ 21																				1	19
20/ 19																					10
18/ 17																					3
16/ 15																					1
TOTAL	3.7	51.2	38.2	6.6	.1													760	767	760	760

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.	4914309	6,713	79.9	9.198	76[illegible]							
Dry Bulb	1291149	3,877	42.6	6.953	76[illegible]		11.3					93
Wet Bulb	1139330	29710	38.2	6.492	76[illegible]		16.8					93
Dew Point	956519	26915	38.8	7.115	76[illegible]		35.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35521	ALCONBURY RAF UK	73-82	DEC
STATION	STATION NAME	YEARS	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
56/ 55		.8	.8															9	9		
54/ 53			1.9	.7														19	19	3	
52/ 51	.1	.5	2.8	.1														27	27	9	4
50/ 49		1.5	2.3	.4														29	29	29	4
48/ 47	.3	4.1	2.2	.1														49	49	41	16
46/ 45	.7	4.5	5.6	.4														82	82	63	59
44/ 43	.7	2.4	6.8	1.4														77	77	47	39
42/ 41		3.5	4.7	.5														65	65	59	58
40/ 39		5.8	2.3															60	60	69	38
38/ 37	1.2	4.9	3.3	.3														71	71	98	64
36/ 35		7.5	3.7															82	82	60	74
34/ 33	1.2	5.3	2.7															68	68	113	78
32/ 31		2.8	.1															22	22	60	47
30/ 29		1.6	1.2															21	21	27	82
28/ 27	.7	3.7																32	32	28	82
26/ 25	.4	1.9																17	17	22	28
24/ 23	.1	.1																2	2	13	20
22/ 21	.4	.3																5	5	4	22
20/ 19		.1																1	1	2	17
18/ 17																				1	4
16/ 15																					3
14/ 13																					1
TOTAL	5.6	57.9	39.9	3.9														738		738	
																		738		738	

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.	4856853	595.1	80.6	8.993	738							
Dry Bulb	1215497	29465	39.9	7.283	738		12.4					93
Wet Bulb	1077988	27754	37.6	6.816	738		19.8					93
Dew Point	910093	25335	34.3	7.460	738		38.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

75621 STATION | ALCONBURY RAF UK STATION NAME | 73-82 YEARS | DEC MONTH

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
62/ 61					.1													2	2		
60/ 59					.1													4	4		
58/ 57		.1	.2	.2	.1													27	27		
56/ 55		.2	.5	.5	.2													75	75	1	
54/ 53		.1	2.5	.6	.1													203	203	34	1
52/ 51	.1	.8	2.8	.5	.1													268	268	77	30
50/ 49	.1	1.2	2.2	.4														239	239	299	30
48/ 47	.2	3.2	2.9	.8	.1													436	438	356	136
46/ 45	.6	5.1	5.3	1.2	.2													774	774	493	529
44/ 43	.2	3.3	5.3	1.3	.2													629	629	503	346
42/ 41	.1	3.7	3.7	.7														503	503	540	445
40/ 39	.4	6.9	3.4	.3	.1													688	688	594	892
38/ 37	.8	5.0	4.5	.9														611	612	744	598
36/ 35	.1	6.0	3.1	.2														573	573	612	573
34/ 33	.6	5.1	1.6	.3														463	463	849	603
32/ 31	.1	2.1	.2	.2														156	156	422	933
30/ 29	.3	2.6	.8	.3														215	216	204	683
28/ 27	.3	2.7	.1															188	189	209	623
26/ 25	.1	1.4	.1															94	94	134	211
24/ 23	.2	.4																24	24	82	171
22/ 21	.2	.2																25	25	25	152
20/ 19	.2	.1																7	7	16	90
18/ 17																				6	39
16/ 15																					29
14/ 13																					6
12/ 11																					3
TOTAL	4.0	50.4	38.5	6.6	.5													6202	6205	6202	6202

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	40035122	494958	79.8	9.283	6202							
Dry Bulb	1060407	252633	42.7	7.162	6205		85.3					744
Wet Bulb	9342888	237152	38.2	6.655	6202		131.7					744
Dew Point	7842840	215934	34.8	7.236	6202		289.9					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION ALCONBURY RAF UK STATION NAME 73-83 YEARS ALL MONTH

PAGE 1 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
[illegible]														.1	.1			5	5		
[illegible]												.1	.0	.1	.1			19	19		
[illegible]											.1	.1	.2	.1	.1			15	15		
[illegible]									.1	.1	.2	.2	.3	.2				49	49		
[illegible]										.1	.2	.2	.3	.3	.1			29	29		
[illegible]									.1	.1	.2	.2	.2	.2				71	71		
[illegible]							.2	.2	.2	.1	.2	.2	.2					89	89		
[illegible]						.1	.2	.3	.1	.1	.2	.2						163	163		
78/ 77					.2	.3	.1	.2	.1	.1	.1	.2						298	298		
[illegible]				.2	.3	.1	.2	.2	.1	.1	.1							402	402		
[illegible]				.2	.1	.2	.3	.1	.1	.1	.0							561	561		
[illegible]			.0	.1	.2	.4	.3	.2	.0	.1								846	846	4	
[illegible]			.1	.1	.1	.6	.3	.2	.1	.1								1229	1229	73	
[illegible]		.1	.1	.1	.3	.3	.2	.1	.0									744	744	166	1
66/ 65	.1	.1	.2	.6	.7	.4	.3	.1	.1	.1								1678	1678	429	17
[illegible]	.1	.3	.6	1.8	1.1	1.4	.3	.1	.1	.1								4111	4111	931	261
[illegible]	.0	.3	1.2	1.1	1.1	.4	.2	.1	.1									3282	3282	1897	426
[illegible]	.0	.6	1.4	1.0	.8	.3	.1	.1	.0									3063	3063	2512	654
[illegible]	.1	1.1	1.5	1.5	.6	.3	.1	.0										3815	3816	3945	1646
56/ 55	.2	1.6	1.7	1.9	.5	.2	.1											4490	4490	3870	2879
[illegible]	.1	1.1	2.8	1.3	.6	.1	.1											4518	4519	5196	3444
[illegible]	.2	1.1	3.5	.9	.4	.1	.1											4533	4533	4635	4455
[illegible]	.1	1.0	2.3	.8	.2	.1	.1											3094	3095	5788	2631
48/ 47	.1	2.6	2.7	1.0	.3	.1	.1											4981	4981	5252	4700
[illegible]	.3	3.8	4.4	1.2	.4	.1	.0											7431	7434	5919	8403
[illegible]	.2	2.3	2.9	.9	.3	.1												4659	4659	5339	5432
[illegible]	.1	2.6	2.4	.5	.1	.0												4288	4288	5542	5678
[illegible]	.2	3.3	1.6	.3	.1													3938	3938	4771	5752
[illegible]	.4	2.0	1.8	.1	.1													3127	3128	4816	5138
[illegible]	.1	2.2	1.3	.1	.1													2793	2793	3255	4650
34/ 33	.2	1.8	1.3	.3														2227	2228	4049	4160
[illegible]	.0	.9	.2	.0														849	849	2149	2353
[illegible]	.0	1.1	.2	.0														1024	1025	1285	3766
[illegible]	.1	.8	.1															731	732	906	3510

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

275521 (STATION) ALCONBURY RAF UK (STATION NAME) 73-83 (YEARS) ALL (MONTH)

 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
28/ 25	.1	.3	.0															241	241	495	1446
24/ 23	.2	.1	.0															57	57	230	968
22/ 21	.1	.0																58	58	70	554
20/ 19	.1	.0																24	24	47	339
18/ 17	.1	.0																16	16	24	177
16/ 15		.0																6	6	8	113
14/ 13		.0																4	4	5	30
12/ 11	.0																	2	2	2	23
10/ 9	.1	.0																3	3	3	12
8/ 7	.1	.0																3	3	1	2
6/ 5	.1	.0																9	9	7	3
4/ 3																				4	1
2/ 1	.1																	1	1	1	3
0/ -1																					6
-2/ -3																					1
TOTAL	.2731	.0331	.0715	.0037	.0089	.0049	.0025	.0011	.0004	.0002	.0001	.0001	.0000	.0000	.0000	.0000			73586		73576
																		73576		73576	

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.	418651685	5458815	74.2	13.619	73576							
Dry Bulb	191706353	3668297	49.9	10.961	73586		362.8	525.3	197.3	88.8	.6	8760
Wet Bulb	159992709	3364843	45.7	9.112	73576		626.8	28.1				8760
Dew Point	132477369	3047961	41.4	9.189	73576	1.1	1587.9	.1				8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

035621 ALCONBURY RAF UK 73-83
STATION STATION NAME YEARS

HRS (L.S.T.)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	40.7	38.7	39.5	42.2	46.7	53.1	56.5	57.4	53.3	47.8	41.8	40.1	47.3
	S D	7.234	5.639	4.934	5.573	4.577	5.504	4.692	4.916	5.100	5.796	6.696	7.108	8.802
	TOTAL OBS	418.	399.	448.	480.	500.	563.	575.	597.	549.	554	478.	477.	6038
03-05	MEAN	38.6	37.0	38.8	40.9	45.4	51.5	54.6	55.1	52.1	47.1	42.2	39.5	45.5
	S D	7.448	5.946	5.096	5.400	4.641	4.739	4.211	4.730	5.103	6.031	7.257	7.393	8.603
	TOTAL OBS	742.	682.	783.	746.	757.	785.	797.	810.	780.	796.	726.	732.	9136
06-08	MEAN	38.4	36.7	39.2	42.6	48.8	55.3	57.8	57.4	53.1	47.0	42.0	39.2	46.6
	S D	7.634	6.267	5.226	5.193	4.918	5.033	4.485	4.639	5.260	6.198	7.392	7.408	9.573
	TOTAL OBS	820.	760.	849.	818.	823.	828.	852.	867.	818.	811.	770.	824.	9840
09-11	MEAN	39.6	38.8	43.3	47.7	54.6	60.9	63.5	64.1	59.4	51.6	44.7	40.5	50.9
	S D	7.409	6.054	5.038	5.362	6.030	6.471	5.666	5.238	5.242	5.595	6.893	7.042	1.003
	TOTAL OBS	859.	794.	892.	869.	874.	867.	893.	908.	857.	834.	790.	857.	10292
12-14	MEAN	41.8	41.7	46.5	51.0	57.5	64.0	66.8	66.0	63.3	54.9	47.9	42.9	54.0
	S D	6.957	6.176	5.440	6.279	6.778	7.615	6.608	6.381	5.765	5.473	6.278	6.664	11.501
	TOTAL OBS	912.	838.	930.	887.	899.	885.	916.	930.	874.	857.	829.	908.	10665
15-17	MEAN	41.3	41.9	46.5	51.1	57.6	64.3	67.5	68.5	63.3	54.2	46.9	42.0	53.8
	S D	6.809	6.177	5.490	6.605	6.953	7.914	6.986	6.871	6.016	5.551	6.511	6.714	11.916
	TOTAL OBS	915.	83[illegible].	922.	853.	863.	862.	892.	905.	853.	838.	825.	909.	10474
18-20	MEAN	39.9	39.7	43.1	47.3	53.9	61.[illegible]	64.6	64.8	58.9	50.7	44.1	40.6	50.9
	S D	6.890	5.849	5.158	6.086	6.330	7.383	6.403	6.333	5.679	5.365	6.713	6.953	11.283
	TOTAL OBS	769.	705.	791.	730.	735.	771.	776.	793.	738.	733.	712.	760.	9009
21-23	MEAN	39.3	38.4	41.[illegible]	44.0	49.4	56.5	59.6	59.9	55.3	48.7	42.7	39.9	47.7
	S D	7.072	5.783	4.965	5.535	5.111	6.031	5.055	5.040	5.296	5.530	6.855	7.283	9.829
	TOTAL OBS	747.	688.	734.	606.	616.	666.	675.	689.	637.	655.	685.	738.	8132
ALL HOURS	MEAN	40.0	39.2	42.6	46.3	52.3	58.8	61.8	62.3	57.7	50.4	44.2	40.7	49.9
	S D	7.271	6.307	5.981	6.927	7.364	7.973	7.303	7.447	6.969	6.435	7.172	7.162	10.961
	TOTAL OBS	6182	5699	6387	5989	6067	6227	6376	6499	6102	6078	5815	6205	73586

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

035621 ALCONBURY RAF UK 73-83
STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	38.1	36.6	37.4	39.4	43.9	49.6	53.1	54.0	50.3	45.3	39.3	37.8	44.4
	S D	6.593	5.468	4.953	5.368	4.387	5.176	4.281	4.413	4.881	5.551	6.351	6.554	8.260
	TOTAL OBS	416	399	448	480	500	563	575	597	549	554	478	477	6038
03-05	MEAN	36.3	35.2	36.9	38.6	43.1	48.8	52.0	52.5	49.5	44.9	39.7	37.3	43.1
	S D	7.113	5.696	5.125	5.280	4.557	4.842	4.041	4.515	4.932	5.914	6.994	6.910	8.312
	TOTAL OBS	742	682	783	746	755	785	797	810	780	796	726	731	9133
06-08	MEAN	36.1	34.9	37.4	40.1	45.7	51.3	54.1	54.3	50.3	44.6	39.6	37.0	43.9
	S D	7.267	5.985	5.267	4.985	4.535	4.657	3.938	4.250	5.001	6.168	7.098	6.959	8.936
	TOTAL OBS	819	760	849	818	820	828	852	867	818	811	770	824	9836
09-11	MEAN	37.0	36.7	40.5	43.4	48.8	54.2	57.0	57.5	54.0	47.9	41.6	38.1	46.6
	S D	7.014	5.754	4.884	4.742	4.918	5.110	4.220	3.955	4.520	5.262	6.565	6.600	9.259
	TOTAL OBS	859	794	890	869	873	867	893	908	857	834	790	856	10290
12-14	MEAN	38.7	38.8	42.3	44.9	50.1	55.5	58.3	58.8	55.5	49.6	43.8	40.0	48.1
	S D	6.475	5.661	4.969	5.151	5.129	5.285	4.268	4.147	4.668	5.034	6.023	6.194	9.032
	TOTAL OBS	912	838	930	887	899	885	916	930	874	857	829	907	10664
15-17	MEAN	38.3	38.9	42.2	44.8	50.1	55.7	58.5	58.9	55.3	49.1	43.1	39.3	47.8
	S D	6.405	5.760	4.916	5.319	5.136	5.252	4.324	4.160	4.775	5.145	6.289	6.249	9.222
	TOTAL OBS	915	837	922	853	863	862	892	905	853	838	825	909	10474
18-20	MEAN	37.3	37.3	40.1	42.6	48.2	54.4	57.3	57.4	53.1	47.1	41.0	38.2	46.3
	S D	6.514	5.618	4.994	5.280	4.954	5.213	4.214	4.222	4.835	5.236	6.366	6.492	9.246
	TOTAL OBS	769	705	791	730	735	771	776	793	734	733	712	760	9009
21-23	MEAN	36.8	36.3	38.7	40.6	45.5	51.9	54.9	55.2	51.2	45.8	39.8	37.6	44.4
	S D	6.715	5.554	5.094	5.218	4.600	5.215	4.160	4.193	4.905	5.408	6.481	6.816	8.832
	TOTAL OBS	747	684	734	636	616	666	675	689	637	655	685	738	8132
ALL HOURS	MEAN	37.3	36.9	39.7	42.1	47.2	52.9	55.8	56.2	52.6	46.9	41.2	38.2	45.7
	S D	6.828	5.879	5.419	5.644	5.450	5.652	4.779	4.792	5.303	5.774	6.731	6.655	9.112
	TOTAL OBS	6181	5699	6347	5989	6061	6227	6376	6499	6102	6078	5815	6202	73576

USAF ETAC FORM OCT 78 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

C35621 ALCONBURY RAF UK 73-83
STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	34.5	33.5	34.4	35.8	40.6	46.3	50.2	51.2	47.4	42.6	35.9	34.6	41.3
	S D	6.956	6.119	6.105	6.247	5.194	5.953	4.817	4.769	5.440	6.111	6.984	6.967	8.803
	TOTAL OBS	418	399	448	480	500	563	575	597	549	554	478	477	6038
03-05	MEAN	32.6	32.3	34.2	35.6	40.4	46.2	49.7	50.3	47.2	42.5	36.4	34.2	40.4
	S D	8.006	6.264	6.131	6.118	5.299	5.704	4.462	4.931	5.438	6.585	7.707	7.451	9.028
	TOTAL OBS	742	682	783	746	755	785	797	810	780	796	726	731	9133
06-08	MEAN	32.5	32.1	34.8	36.8	42.3	47.7	51.2	51.7	47.8	42.0	36.3	33.8	40.9
	S D	8.134	6.473	6.246	5.802	5.290	5.620	4.342	4.678	5.533	6.947	7.837	7.553	9.460
	TOTAL OBS	819	760	849	818	820	828	852	867	818	811	770	824	9836
09-11	MEAN	33.2	33.6	36.8	38.1	43.0	48.3	51.7	52.3	49.3	44.2	37.8	34.8	42.1
	S D	7.784	6.297	6.117	5.968	6.244	6.276	5.107	5.077	5.486	6.137	7.371	7.260	9.312
	TOTAL OBS	859	794	890	869	873	867	893	908	857	834	790	856	10290
12-14	MEAN	34.3	34.7	37.1	37.9	42.7	48.4	51.6	51.7	48.8	44.3	39.1	36.0	42.3
	S D	7.331	6.376	6.704	6.674	6.636	6.206	5.367	5.446	6.048	6.393	7.267	6.945	9.049
	TOTAL OBS	912	838	930	887	899	885	916	930	874	857	829	907	10664
15-17	MEAN	34.1	34.7	36.7	37.3	42.5	48.4	51.5	51.4	48.4	44.0	38.6	35.6	41.9
	S D	7.314	6.579	6.765	6.797	6.557	6.057	5.452	5.452	6.013	6.510	7.425	6.910	9.122
	TOTAL OBS	915	837	922	853	863	862	892	905	853	838	825	909	10474
18-20	MEAN	33.4	33.9	36.1	36.8	42.2	48.4	51.6	51.6	48.0	43.3	37.0	34.8	41.5
	S D	7.363	6.272	6.398	6.561	5.912	5.907	5.080	5.187	5.677	6.214	7.243	7.115	9.212
	TOTAL OBS	769	705	791	730	735	771	776	793	734	733	712	760	9009
21-23	MEAN	33.0	33.2	35.5	36.3	41.2	47.7	50.9	51.4	47.5	42.6	36.1	34.3	40.6
	S D	7.583	6.133	6.314	6.214	5.448	6.026	4.860	4.831	5.595	6.205	7.138	7.400	9.191
	TOTAL OBS	747	684	734	606	616	666	675	689	637	655	685	738	8132
ALL HOURS	MEAN	33.4	33.5	35.8	37.0	42.0	47.8	51.1	51.5	48.1	43.3	37.3	34.8	41.4
	S D	7.622	6.399	6.459	6.368	5.985	6.035	5.012	5.103	5.715	6.464	7.483	7.236	9.189
	TOTAL OBS	6181	5699	6347	5989	6061	6227	6376	6499	6102	6078	5815	6202	73574

USAF ETAC FORM OCT 78 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (PERIOD) JAN (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%		
JAN	00-02	100.0	100.0	100.0	100.0	99.5	97.8	81.6	44.[illegible]	15.6	79.1	418
	03-05	100.0	100.0	100.0	100.0	100.0	97.6	80.7	45.3	16.3	79.8	742
	06-08	100.0	100.0	100.0	100.0	100.0	99.0	80.1	44.7	14.8	79.6	819
	09-11	100.0	100.0	100.0	100.0	100.0	97.6	76.[illegible]	38.8	11.4	78.2	859
	12-14	100.0	100.0	100.0	100.0	99.3	90.4	65.6	31.5	8.9	75.2	912
	15-17	100.0	100.0	100.0	99.9	99.7	91.9	65.7	33.3	9.4	75.8	915
	18-20	100.0	100.0	100.0	100.0	99.9	94.9	71.3	40.4	13.8	77.9	769
	21-23	100.0	100.0	100.0	100.0	99.9	96.4	75.1	43.2	13.9	78.6	747
TOTALS		100.0	100.0	100.0	100.0	99.8	95.7	74.5	40.2	13.0	78.0	6181

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035621 STATION ALCONBURY RAF UK STATION NAME 74-83 PERIOD FEB 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	100.0	90.2	57.6	13.0	81.4	399
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	93.8	62.8	20.4	83.3	682
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	95.3	63.7	21.8	83.7	760
	09-11	100.0	100.0	100.0	100.0	100.0	98.6	88.5	56.2	17.0	81.7	794
	12-14	100.0	100.0	100.0	100.0	98.9	91.5	69.6	36.4	10.3	76.6	838
	15-17	100.0	100.0	100.0	100.0	99.0	92.4	67.4	36.9	7.9	76.2	837
	18-20	100.0	100.0	100.0	100.0	100.0	98.2	84.5	47.9	11.8	79.9	705
	21-23	100.0	100.0	100.0	100.0	100.0	99.9	89.5	54.2	13.2	81.6	684
TOTALS		100.0	100.0	100.0	100.0	99.7	97.5	84.9	52.3	14.1	80.6	5699

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (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	95.6	84.6	63.2	21.0	82.3	448
	03-05	100.0	100.0	100.0	100.0	100.0	99.1	91.4	66.7	26.2	83.9	783
	06-08	100.0	100.0	100.0	100.0	100.0	98.5	91.8	69.3	27.8	84.2	849
	09-11	100.0	100.0	100.0	99.9	98.9	90.3	72.1	46.1	17.5	78.4	890
	12-14	100.0	100.0	99.9	98.1	93.6	73.2	54.7	28.8	9.4	71.1	930
	15-17	100.0	100.0	99.8	97.1	88.1	73.6	52.6	25.7	8.8	7..3	922
	18-20	100.0	100.0	100.0	99.5	96.8	87.2	69.2	44.4	14.2	77.1	791
	21-23	100.0	100.0	100.0	100.0	99.6	96.0	81.3	56.8	19.2	91.0	734
TOTALS		100.0	100.0	100.0	99.3	96.8	89.2	74.7	50.1	18.0	78.5	6347

USAFETAC FORM AIR 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035621 STATION | ALCONBURY RAF UK STATION NAME | 74-83 PERIOD | APR 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%		
APR	00-02	100.0	100.0	100.0	100.0	100.0	97.3	77.1	43.3	8.3	78.5	480
	03-05	100.0	100.0	100.0	100.0	100.0	99.7	87.[illegible]	56.[illegible]	16.8	81.7	746
	06-08	100.0	100.0	100.0	100.0	99.9	97.8	81.7	48.5	15.8	81.2	618
	09-11	100.0	100.0	100.0	99.9	92.7	75.8	49.3	21.4	6.0	70.2	869
	12-14	100.0	100.0	99.5	94.9	77.7	54.3	29.1	11.[illegible]	2.9	62.4	887
	15-17	100.0	100.0	99.2	92.1	73.5	49.2	27.1	9.5	2.2	61.[illegible]	853
	18-20	100.0	100.0	99.9	97.9	90.4	72.7	45.5	17.3	3.7	66.2	731
	21-23	100.0	100.0	100.0	100.0	99.2	89.8	64.9	30.7	6.6	74.8	626
TOTALS		100.0	100.0	99.8	98.1	91.6	79.6	57.7	29.7	7.8	72.1	5,989

USAFETAC FORM 0-87-5 (OL A)

AD A146 913 ALCONBURY RAF UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHER O..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. APR 84

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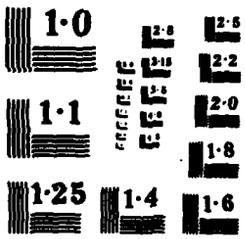
UNCLASSIFIED USAFETAC/DS-84/014 SBI-AD-E850 743 F/G 4/2 NL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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035621 (STATION) ALCONBURY RAF UK (STATION NAME) 74-83 (PERIOD) MAY (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	100.0	97.2	85.0	44.8	11.8	79.5	500
	03-05	100.0	100.0	100.0	100.0	100.0	99.3	92.3	58.7	19.7	82.6	755
	06-08	100.0	100.0	100.0	100.0	99.5	95.2	82.0	42.2	13.5	78.8	820
	09-11	100.0	100.0	100.0	96.8	86.6	65.6	41.8	16.4	3.3	66.3	873
	12-14	100.0	100.0	98.6	89.8	72.6	44.6	26.6	8.0	1.6	59.5	899
	15-17	100.0	100.0	98.5	88.8	70.2	46.8	24.6	6.8	1.4	59.0	863
	18-20	100.0	100.0	100.0	96.9	85.3	67.2	42.3	13.6	2.0	66.0	735
	21-23	100.0	100.0	100.0	99.8	98.4	89.9	69.0	25.6	4.7	74.0	616
TOTALS		100.0	100.0	99.6	96.5	89.1	75.7	58.0	27.-	7.3	70.7	6061

USAFETAC FORM AIR 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

C35621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (PERIOD) JUN (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%		
JUN	00-02	100.0	100.0	100.0	100.0	99.5	94.8	83.3	40.1	11.9	78.1	563
	03-05	100.0	100.0	100.0	100.0	100.0	99.0	91.7	55.3	18.1	82.1	785
	06-08	100.0	100.0	100.0	99.9	98.9	92.4	74.6	31.4	10.7	76.2	828
	09-11	100.0	100.0	99.8	97.3	86.6	59.1	33.0	10.4	2.8	64.4	867
	12-14	100.0	99.6	98.4	91.4	71.6	41.6	20.5	5.4	1.0	58.4	885
	15-17	100.0	100.0	97.8	88.9	69.8	38.6	21.0	6.6	2.3	58.1	862
	18-20	100.0	100.0	99.4	94.9	82.9	59.1	35.1	11.2	3.5	64.1	771
	21-23	100.0	100.0	100.0	99.8	97.7	85.1	65.0	24.8	7.4	73.1	666
TOTALS		100.0	100.0	99.4	96.5	88.4	71.2	53.0	23.2	7.2	69.3	6227

USAFETAC FORM AWS 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (PERIOD) JUL (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	99.7	96.5	87.8	45.4	11.8	79.8	575
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	96.6	62.2	19.3	83.7	797
	06-08	100.0	100.0	100.0	100.0	99.9	96.4	83.6	42.0	9.9	78.9	852
	09-11	100.0	100.0	99.7	98.0	91.9	67.3	39.3	12.2	2.5	66.5	893
	12-14	100.0	99.5	97.7	93.7	77.1	44.9	22.8	7.1	1.3	59.7	916
	15-17	100.0	98.9	97.0	92.6	69.7	41.9	21.7	6.2	1.7	58.4	892
	18-20	100.0	99.7	98.2	95.0	85.6	60.1	36.2	9.9	2.3	64.3	776
	21-23	100.0	100.0	100.0	99.0	96.7	89.3	67.6	23.4	5.0	73.6	675
TOTALS		100.0	99.8	99.1	97.3	90.1	74.5	57.0	26.1	6.7	72.6	6376

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (PERIOD) AUG (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	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	100.0	99.8	97.2	89.3	65.1	18.1	80.2	597
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.9	61.5	20.7	83.9	810
	06-08	100.0	100.0	100.0	100.0	100.0	99.5	90.0	49.3	18.1	81.5	867
	09-11	100.0	100.0	99.9	98.6	90.4	65.3	38.5	14.4	4.3	66.6	908
	12-14	100.0	100.0	98.2	90.4	65.3	35.1	21.4	6.9	1.4	57.5	930
	15-17	100.0	100.0	97.0	87.5	58.2	34.6	19.3	8.4	1.9	56.3	905
	18-20	100.0	100.0	99.5	94.7	81.7	55.9	34.9	12.9	3.7	63.8	793
	21-23	100.0	100.0	100.0	100.0	97.5	88.5	66.2	27.6	7.4	78.1	689
TOTALS		100.0	100.0	99.3	96.4	86.6	72.0	57.2	28.3	9.0	70.5	6899

USAFETAC FORM AWS 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (PERIOD) SEP (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%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	99.8	92.2	48.1	8.2	80.6	589
	03-05	100.0	100.0	100.0	100.0	100.0	99.7	97.8	61.7	17.2	83.6	780
	06-08	100.0	100.0	100.0	100.0	100.0	99.5	95.2	57.5	15.4	82.4	818
	09-11	100.0	100.0	100.0	100.0	96.7	77.2	49.5	18.3	4.4	70.0	857
	12-14	100.0	100.0	99.8	97.5	78.0	41.8	23.9	6.6	.9	60.3	874
	15-17	100.0	100.0	99.4	96.2	75.6	41.3	20.4	4.7	.7	59.4	853
	18-20	100.0	100.0	100.0	99.7	95.6	72.5	43.7	11.9	1.9	67.8	734
	21-23	100.0	100.0	100.0	100.0	99.7	95.6	76.3	26.5	2.5	75.2	637
TOTALS		100.0	100.0	99.9	99.2	93.2	78.4	62.4	29.4	6.4	72.4	6102

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (PERIOD) NOV (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%		
NOV	00-02	100.0	100.0	100.0	100.0	100.0	99.8	85.8	44.1	11.7	79.7	478
	03-05	100.0	100.0	100.0	100.0	100.0	99.0	85.8	47.5	10.7	80.0	726
	06-08	100.0	100.0	100.0	100.0	100.0	98.8	87.5	49.7	9.9	80.3	770
	09-11	100.0	100.0	100.0	100.0	100.0	96.3	75.3	36.3	7.5	77.2	790
	12-14	100.0	100.0	100.0	99.9	97.1	84.7	57.2	22.6	3.9	72.2	829
	15-17	100.0	100.0	100.0	100.0	99.0	88.6	62.7	22.2	5.3	73.4	825
	18-20	100.0	100.0	100.0	100.0	99.9	95.5	73.7	29.4	4.8	76.1	712
	21-23	100.0	100.0	100.0	100.0	100.0	97.8	80.1	35.2	7.6	77.8	685
TOTALS		100.0	100.0	100.0	100.0	99.5	95.1	76.0	35.9	7.7	77.1	5815

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (PERIOD) OCT (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%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	99.3	93.9	60.3	18.8	82.3	558
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	95.4	65.2	24.5	84.1	796
	06-08	100.0	100.0	100.0	100.0	100.0	98.6	93.1	59.2	21.2	83.0	811
	09-11	100.0	100.0	100.0	100.0	99.8	93.4	75.2	33.2	9.8	76.6	834
	12-14	100.0	100.0	100.0	100.0	95.2	72.3	43.6	14.5	3.6	68.2	857
	15-17	100.0	100.0	100.0	100.0	95.7	75.5	50.2	15.8	3.3	69.3	838
	18-20	100.0	100.0	100.0	100.0	99.9	96.2	75.9	28.6	6.3	76.2	733
	21-23	100.0	100.0	100.0	100.0	100.0	98.8	88.5	43.7	10.2	79.7	655
TOTALS		100.0	100.0	100.0	100.0	98.8	91.7	77.0	30.1	11.7	77.9	6078

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

C35621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-82 (PERIOD) DEC (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	98.3	85.7	54.5	15.9	81.0	877
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	87.3	55.4	18.2	81.5	731
	06-08	100.0	100.0	100.0	100.0	100.0	99.4	87.9	51.9	17.2	81.1	824
	09-11	100.0	100.0	100.0	100.0	99.8	98.1	83.6	47.9	13.8	80.1	856
	12-14	100.0	100.0	100.0	100.0	99.3	93.5	73.4	38.0	10.3	77.0	907
	15-17	100.0	100.0	100.0	100.0	99.7	95.9	77.3	42.9	11.7	78.4	909
	18-20	100.0	100.0	100.0	100.0	100.0	97.8	82.9	48.7	13.9	79.9	763
	21-23	100.0	100.0	100.0	100.0	100.0	98.6	84.6	50.0	17.2	80.6	738
TOTALS		100.0	100.0	100.0	100.0	99.9	97.6	82.8	48.7	14.8	80.0	6202

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035621 (STATION) ALCONBURY RAF UK (STATION NAME) 73-83 (PERIOD) ALL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	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	99.8	95.7	74.5	40.2	13.0	78.0	6181
FEB		100.0	100.0	100.0	100.0	99.7	97.5	84.9	52.[illegible]	14.1	80.6	5699
MAR		100.0	100.0	100.0	99.3	96.8	89.2	74.7	50.1	18.0	78.5	6347
APR		100.0	100.0	99.8	98.1	91.6	79.6	57.7	29.7	7.8	72.1	5989
MAY		100.0	100.0	99.6	96.5	89.1	75.7	58.[illegible]	27.[illegible]	7.3	70.7	6061
JUN		100.0	100.0	99.4	96.5	88.4	71.2	53.0	23.2	7.2	69.3	6227
JUL		100.0	99.8	99.1	97.3	90.1	74.5	57.0	26.1	6.7	70.6	6376
AUG		100.0	100.0	99.3	96.4	86.6	72.0	57.2	28.3	9.[illegible]	70.5	6499
SEP		100.0	100.0	99.9	99.2	93.2	78.4	62.4	29.4	6.4	72.4	6102
OCT		100.0	100.0	100.0	100.0	98.8	91.7	77.0	40.1	11.7	77.4	6078
NOV		100.0	100.0	100.0	100.0	99.5	95.1	76.[illegible]	35.9	7.7	77.1	5815
DEC		100.0	100.0	100.0	100.0	99.9	97.6	82.8	48.7	14.8	80.0	6202
TOTALS		100.0	100.0	99.8	98.6	94.5	84.9	67.9	35.9	10.3	74.8	73576

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

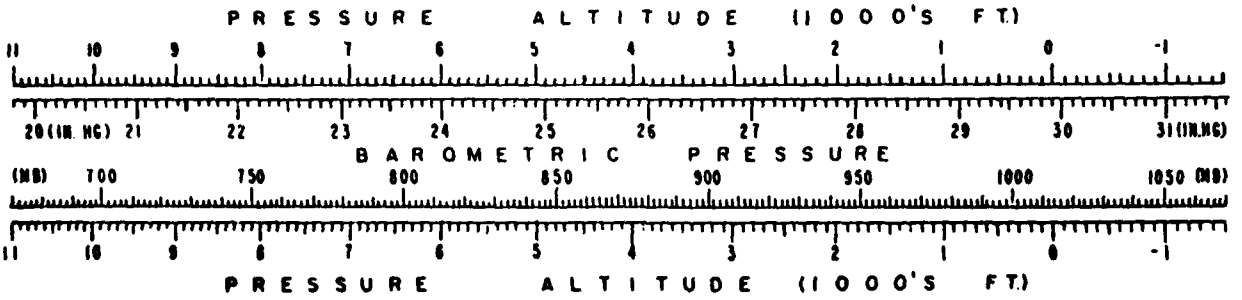
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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.

2. Sea-level pressure is presented in millibars. DATA NOT AVAILABLE

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.



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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

035621 ALCONBURY RAF UK 73-83

STATION STATION NAME YEARS

HRS (L S T		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	29.676	29.735	29.768	29.849	29.814	29.877	01	29.854	29.757	29.746	29.726	29.783	29.783
	S D	.371	.438	.293	.257	.236	.21(	192	.202	.294	.322	.354	.420	.312
	TOTAL OBS	128	122	124	120	126	15	159	164	153	162	152	149	1712
03	MEAN	29.727	29.750	29.666	29.816	29.757	29.826	52	29.821	29.772	29.712	29.755	29.676	29.757
	S D	.389	.410	.340	.289	.254	.219	.196	.214	.275	.322	.349	.459	.321
	TOTAL OBS	247	227	259	243	247	257	259	263	253	261	242	248	3006
06	MEAN	29.714	29.749	29.657	29.816	29.767	29.825	29.809	29.825	29.780	29.711	29.758	29.654	29.756
	S D	.400	.408	.341	.288	.257	.224	.200	.210	.274	.324	.343	.456	.323
	TOTAL OBS	266	248	279	272	275	276	284	288	277	280	259	269	3273
09	MEAN	29.738	29.772	29.674	29.828	29.778	29.833	29.816	29.837	29.795	29.727	29.781	29.677	29.771
	S D	.400	.406	.344	.288	.260	.226	.200	.211	.286	.327	.347	.447	.324
	TOTAL OBS	279	257	285	273	273	277	283	289	279	279	263	278	3315
12	MEAN	29.744	29.771	29.671	29.819	29.768	29.824	29.816	29.830	29.788	29.723	29.785	29.668	29.767
	S D	.406	.407	.342	.285	.256	.224	.197	.202	.280	.322	.351	.440	.323
	TOTAL OBS	302	280	310	297	300	295	305	310	296	297	284	302	3578
15	MEAN	29.729	29.744	29.653	29.800	29.758	29.811	29.807	29.815	29.770	29.706	29.763	29.658	29.751
	S D	.404	.404	.337	.281	.252	.219	.202	.195	.272	.317	.347	.436	.319
	TOTAL OBS	305	279	310	295	299	295	306	310	296	297	281	303	3576
18	MEAN	29.724	29.757	29.655	29.810	29.767	29.811	29.789	29.804	29.769	29.729	29.767	29.673	29.754
	S D	.408	.405	.343	.278	.244	.214	.182	.198	.269	.318	.348	.443	.320
	TOTAL OBS	270	249	274	245	246	257	259	265	250	250	254	266	3085
21	MEAN	29.728	29.769	29.671	29.837	29.788	29.830	29.812	29.827	29.793	29.737	29.778	29.685	29.772
	S D	.395	.403	.348	.277	.243	.216	.183	.202	.274	.322	.353	.460	.320
	TOTAL OBS	249	228	258	242	244	257	257	263	242	241	229	246	2956
ALL HOURS	MEAN	29.726	29.757	29.670	29.820	29.772	29.827	29.807	29.825	29.779	29.722	29.766	29.678	29.763
	S D	.399	.408	.340	.282	.252	.221	.194	.205	.277	.322	.348	.446	.321
	TOTAL OBS	2046	1890	2099	1987	2010	2067	2112	2152	2046	2067	1964	2061	24501

USAF ETAC FORM OCT 78 0-89-3 (OL A)

END

DATE
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