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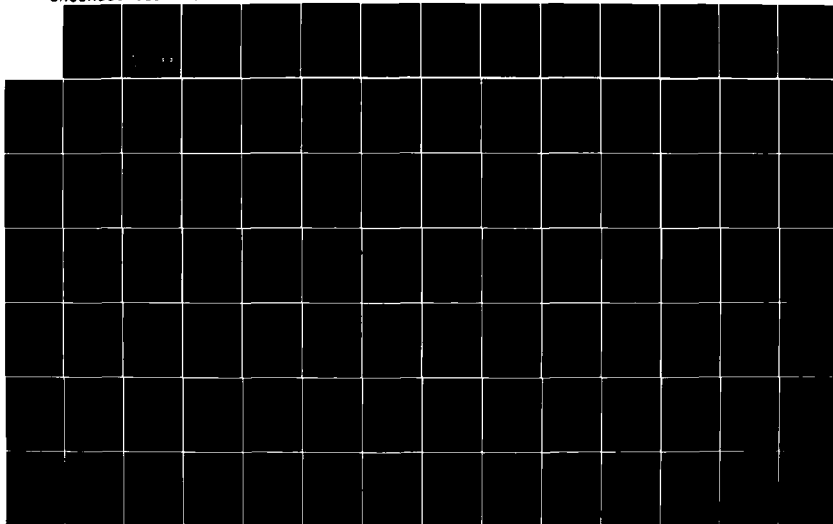
WOODBIDGE RAF UNITED KINGDOM REVISED UNIFORM SUMMARY
OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 07 MAR 84
USAFETAC/DS-84/011 SBI-AD-E850 623

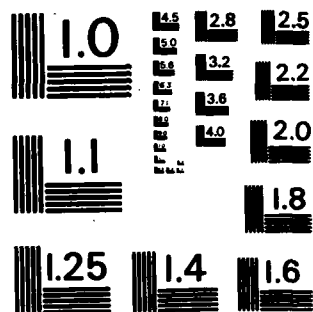
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**REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS**

WOODBRIDGE RAF UK MSC #035951
N 52 05 E 001 24 ELEV 96 FT EGVG
PARTS A-F HOURS SUMMARIZED: 0000Z - 2300Z

PERIOD OF RECORD:

HOURLY OBSERVATIONS: SEP 73 - AUG 83
SUMMARY OF DAY DATA: OCT 54 - MAR 56, FEB 57 - AUG 83

TIME CONVERSION GMT TO LST: 0

00 MAR 1984

07 MAR 1984

DISTRIBUTION STATEMENT A
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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
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18. SUPPLEMENTARY NOTES SUPERSEDES REPT NO. USAFETAC/DS-78/011, AD-A061835, AUG 78.																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*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)
*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 statistical summary of surface weather observations for Woodbridge 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)																	

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
*United Kingdom *Woodbridge RAF *UK035951
*Woodbridge *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 occurrence or cumulative percentage frequency of occurring tables.

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REVIEW AND APPROVAL STATEMENT

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

Wayne E. McCollom

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4 APR 1984



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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.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

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: 0000-0100, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

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

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
035951	WOODBIDGE ENGLAND RAF STN/UK	N 52 05	E001 24	96	EGVG	

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. BARD.	
1	Woodbridge, England	RAF	Nov 54	Mar 56	N 52 05	E 001 24	95 ft	105 ft	24
2	Same	RAF	Apr 56	Dec 56	Same	Same	98 ft	120 ft	24
3	Same	RAF	Jan 57	03 Nov58	Same	E 001 25	98 ft	Same	24
	Stn closed		04 Nov58	03 Dec58					
4	Same	RAF	04 Dec58	Mar 60	Same	Same	Same	Same	24
		RAF	Apr 60	Dec 68	Same	Same	Same	104 ft	24
		RAF	Jan 69	Dec 70	Same	E 001 24	Same	Same	24
5	Same	RAF	Jan 71	Aug 75	Same	Same	96 ft	102 ft	24
6	Same		Sep 75	Dec 75	Same	Same	Same	Same	24
7	Same	Same	Jan 76	Aug 77	Same	Same	Same	Same	17
8	Same	Same	Sep 77	Feb 82	Same	Same	Same	Same	24
9	Same	Same	Mar 82	Dec 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	Nov 54	Located on top of the Weather Station.	AN/GMQ-1	ML204B	30 ft	
2	Apr 56	Located on roof of control tower	Same	Same	40 ft	
3	Jan 57	Same	Same	Same	34 ft	
4	Apr 58	Located 800 ft from weather station on a heading 075 degrees magnetic, 550 ft from centerline of runway.	Same	Same	15 ft	
5	Apr 59	Same	AN/GMQ-11	RO-2	13 ft	
6	Apr 60	Located 800 ft ENE OF ROS.	Same	Same	Same	
7	Nov 66	1. Located 1250 ft E of 09 end of runway, 500 ft S of 09 end of runway centerline.	AN/GMQ-20	RO362		

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

CONTINUED ON REVERSE SIDE

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	Jun 69	2. Located 450 W of 27 end of rnwy, 500 ft S of 27 end of rnwy centerline. 1. Same	Same	RO-362	Same	
9	Jan 70	2. Same 1. Located 2300 ft E of 09 End of rnwy, 525 ft S of 09 end of rnwy centerline. 2. Located 1450 ft W of 27 end of rnwy centerline.	Same Same	Same	Same	
10	Nov 78	1. Same 2. Same	Same AN/GMQ- 20	Same	Same	
11	Dec 83	1. Same 2. Same	Same Same	Same	Same Same	

U S AIR FORCE
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A

PART A

WEATHER CONDITIONS

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is 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.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

74-75,77-83
YEARS

JAN
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	HAIR	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02		9.9		2.7		11.7	30.7	18.1			43.8	769
	03-05		10.3		2.6		12.3	28.9	19.7			48.6	741
	06-08		12.5		3.2		14.7	27.8	18.9			46.7	773
	09-11	.1	14.5	.1	4.7		18.2	22.9	24.7	.2		47.8	834
	12-14		14.6	.1	4.6		18.1	16.4	29.1			45.6	834
	15-17		15.7		3.8		17.9	14.5	32.5			47.3	834
	18-20		14.3		1.7		15.1	22.1	23.7			45.8	834
	21-23		9.7		1.8		11.5	28.5	20.5			49.2	834
TOTALS		.5	12.7	.2	3.1		14.9	24.0	23.4	.2		47.4	6453

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

35951
STATION

WOODBRIDGE RAF UK
STATION NAME

74-75, 77-83
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-02		13.2		5.1		16.5	35.2	22.3			57.2	75
	03-05		9.1		3.7		12.3	40.2	20.6			60.9	674
	06-08		9.5	.1	3.7		12.4	38.8	22.9	.1		61.9	73
	09-11		11.6	.4	4.3		15.8	26.2	34.4	.3		61.9	759
	12-14		10.7	.3	5.7		15.2	14.5	39.8	.1		54.4	750
	15-17		13.4		5.4		18.6	11.3	42.3			53.6	750
	18-20		13.7		3.2		16.5	21.2	36.9	.4		58.5	759
	21-23		12.3		2.8		14.8	28.7	25.4	.3		54.4	759
TOTALS			11.7	.1	4.1		15.2	27.1	30.5	.2		57.7	5877

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

135951 WOODBRIDGE 9AF UK 74-83 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02		13.9		.3		14.2	26.3	19.0			45.3	746
	03-05		16.3		1.1		17.0	29.9	17.8			47.7	723
	06-08		18.0		2.0		18.7	31.8	22.9			54.6	818
	09-11		20.4		2.5		21.5	15.4	31.0			46.5	902
	12-14	.1	18.5		1.8	.2	19.4	7.1	36.7		.1	43.9	902
	15-17	.2	16.5		.7		16.8	6.2	37.2		.3	43.7	901
	18-20		15.1		.2		15.3	12.1	29.5			41.5	903
	21-23		16.3		.7		16.8	19.1	20.2			39.3	885
TOTALS		.0	16.9		1.2	.0	17.5	18.5	26.8		.1	45.3	6780

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

74-83

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02	.1	7.4		.8		7.6	26.8	22.7			49.5	792
	03-05		11.6		.5		11.9	33.4	26.8			54.2	793
	06-08		12.6		1.4		12.9	26.7	29.9			56.6	866
	09-11		12.8		.9	.1	13.2	7.9	36.9		.1	44.9	900
	12-14	.1	12.3		.3	.4	12.9	4.1	31.7		.3	36.2	899
	15-17	.2	12.3		1.7		12.6	3.4	31.8		.3	35.6	920
	18-20	.1	9.9		.4		10.3	10.4	27.3			37.8	900
	21-23	.1	9.1		.9		9.6	17.3	23.8			41.1	895
TOTALS		.1	11.0		.8	.1	11.3	16.3	28.1		.1	44.5	6945

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

35951 WOODBRIDGE RAF UK 74-83 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	00-02	.1	9.4				9.4	19.9	24.8			44.7	834
	03-05	.1	8.5				8.5	34.9	24.1			59.0	834
	06-08		8.8				8.8	20.0	38.2			58.1	896
	09-11	.2	9.2				9.2	5.0	40.7			45.7	924
	12-14	.1	9.3				9.3	1.9	37.0		.1	39.1	924
	15-17	.4	9.4				9.4	1.9	36.4		.2	38.5	924
	18-20	.3	8.1			.1	8.2	4.7	33.0			37.7	924
	21-23	.4	8.4				8.4	10.2	28.3			38.5	927
TOTALS		.2	8.9			.0	8.9	12.3	32.8		.0	45.2	7187

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

735951
STATION

WOODBRIDGE RAF UK
STATION NAME

74-83
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.2	10.3				10.3	24.1	22.4			46.6	812
	03-05	.1	7.9				7.9	39.2	23.2			62.3	812
	06-08	.5	10.4				10.4	19.5	36.1			55.6	872
	09-11	.4	8.2		.1		8.2	6.0	34.9			40.9	897
	12-14	1.1	9.0				9.0	1.3	32.2			33.5	898
	15-17	1.9	8.6				8.6	.6	29.4			29.9	899
	18-20	.6	7.2				7.2	3.6	31.9			35.5	899
	21-23	.7	8.0				8.0	12.7	27.7			40.4	899
TOTALS		.7	8.7		.1		8.7	13.4	29.7			43.1	6988

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035951 WOODBRIDGE RAF UK 74-83 JUL
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	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	00-02	.4	5.0				5.0	29.9	18.2			48.2	845
	03-05	.2	6.9				6.9	39.9	18.5			58.5	852
	06-08	.2	8.7				8.7	20.4	36.8			57.2	904
	09-11	.1	9.8				9.8	3.9	36.7			40.5	930
	12-14	.5	9.0				9.0	1.9	32.0			34.0	930
	15-17	.4	6.9				6.9	2.0	33.0			35.1	929
	18-20	1.2	7.4				7.4	4.7	32.6			37.4	929
	21-23	.5	7.5				7.5	16.1	27.1			43.2	930
TOTALS		.4	7.7				7.7	14.9	29.4			44.3	7249

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

74-83
YEARS

AUG
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.
AUG	00-02	.3	6.1				6.1	33.9	21.3			55.2	924
	03-05	.9	7.1				7.1	42.1	19.5			61.6	924
	06-08	.5	8.5				8.5	27.7	34.8			62.5	928
	09-11	.3	8.6				8.6	4.8	39.4			44.2	930
	12-14	.5	7.4				7.4	1.4	37.8			39.2	930
	15-17	.3	7.3				7.3	2.9	38.9			41.8	930
	18-20	.4	6.3				6.3	6.1	39.6			45.7	930
	21-23	.3	4.0				4.0	19.6	30.4			50.0	930
TOTALS		.4	6.9				6.9	17.3	32.7			50.0	7426

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035951
STATION

WOODBIDGE RAF UK
STATION NAME

73-82
YEARS

SEP
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.
SEP	00-02	.7	10.1				10.1	24.8	26.0			50.8	900
	03-05	.3	10.3				10.3	31.7	22.1			53.8	900
	06-08	.4	11.7				11.7	31.7	27.7			59.3	900
	09-11		9.1				9.1	7.3	39.6			46.9	900
	12-14	.1	9.4				9.4	2.8	35.6			38.3	900
	15-17	.1	8.3				8.3	2.3	40.2			42.6	900
	18-20	.7	8.4				8.4	7.9	38.9			46.8	900
	21-23	.6	9.1				9.1	17.7	30.7			48.3	900
TOTALS		.4	9.6				9.6	15.8	32.6			48.4	7200

GLOPAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

73-82

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.2	12.2				12.2	34.5	18.9			53.4	930
	03-05		12.8				12.8	39.8	16.9			56.7	930
	06-08	.2	13.5				13.5	39.8	23.5			63.3	930
	09-11		12.9				12.9	19.0	35.3			54.3	930
	12-14		12.6				12.6	9.6	32.8			42.4	930
	15-17		14.1				14.1	8.1	35.2			43.2	930
	18-20		14.3				14.3	18.4	28.0			46.3	930
	21-23	.1	13.3				13.3	26.3	21.9			48.3	930
TOTALS		.3	13.2				13.2	24.4	26.6			51.0	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

73-87

YEARS

NOV
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
NOV	00-02		9.3		.1		9.4	29.6	20.5			50.1	800
	03-05		10.8		.5		11.2	30.4	18.6			49.1	795
	06-08		12.7		.9		13.4	29.3	20.0			49.3	801
	09-11		15.1		.5		15.4	18.0	25.2			43.2	810
	12-14		14.7		.2		14.9	11.1	27.2			38.3	812
	15-17		14.1		.5		14.6	12.5	32.3			44.8	810
	18-20		12.1		.7		12.7	20.2	26.0			46.3	810
	21-23		10.8		.5		11.2	25.0	24.1			49.1	809
TOTALS			12.5		.5		12.9	22.0	24.2			46.3	6447

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035951
STATION

WOODBIDGE RAF UK
STATION NAME

73-74, 76-87
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	HALE	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02		12.0		2.0		13.2	29.7	19.4			49.1	768
	03-05	.3	11.6		2.0		13.1	32.9	16.2			49.1	735
	06-08	.1	13.4		2.4		15.1	29.6	19.4	.3		49.2	764
	09-11		14.5		2.7		16.6	21.5	30.1	.1		51.6	825
	12-14		13.0		3.4		15.9	14.4	34.2			48.6	825
	15-17		12.7		2.4		14.7	17.8	36.4			54.2	825
	18-20		12.5		2.1		14.2	24.4	27.8			52.2	824
	21-23		14.8		2.0		16.2	27.0	23.0			50.0	820
TOTALS		.1	13.1		2.4		14.9	24.7	25.8	.1		50.5	6386

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

73-83

YEARS

ALL
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	.0	12.7	.0	3.1		14.9	24.0	23.4	.0		47.4	6453
FEB			11.7	.1	4.1		15.2	27.0	30.5	.2		57.7	5877
MAR		.0	16.9		1.2	.0	17.5	18.5	26.8		.1	45.3	6780
APR		.1	11.7		.8	.1	11.3	16.3	28.1		.1	44.5	6945
MAY		.2	8.9			.0	8.9	12.3	32.8		.0	45.2	7187
JUN		.7	8.7		.0		8.7	13.4	29.7			43.1	6988
JUL		.4	7.7				7.7	14.9	29.4			44.3	7249
AUG		.4	6.9				6.9	17.3	32.7			50.0	7426
SEP		.4	9.6				9.6	15.8	32.6			48.4	7200
OCT		.1	13.2				13.2	24.4	26.6			51.0	7447
NOV			12.5		.5		12.9	22.0	24.2			46.3	6947
DEC		.1	13.1		2.4		14.9	24.7	25.8	.1		50.5	6386
TOTALS		.2	11.1	.0	1.0	.0	11.8	19.2	28.6	.0	.0	47.8	82378

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 $\frac{5}{8}$ mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XX XX XX XX XX XX XX XX XX XX
XX WEATHER CONDITIONS XX
XX XX XX XX XX XX XX XX XX XX
ATMOSPHERIC PHENOMENA

03051 WOODBRIDGE RAF JK 54-83 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY 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	DAILY	.4	56.1	.5	18.8	.5	68.2	56.7	83.3	1.2		91.6	836
FEB		.2	52.5	.2	23.9		65.6	58.1	86.9	1.1		92.3	879
MAR		1.3	57.7		12.8	1.2	62.7	52.8	89.2	.1		92.1	897
APR		2.3	61.8		6.8	2.1	62.7	49.2	83.3			95.7	840
MAY		6.3	63.0		.5	1.3	60.0	45.5	85.7			88.1	868
JUN		9.0	48.9		.1	.9	48.9	44.0	54.1			86.1	810
JUL		9.7	53.6			.6	53.6	48.3	85.6			97.9	868
AUG		7.4	51.5			.1	51.5	55.3	89.3			90.6	868
SEP		5.3	51.4			.6	51.4	55.1	86.9			89.3	810
OCT		2.1	56.7			.5	56.7	61.6	87.1			91.6	861
NOV		1.0	67.0		5.0	.6	68.6	58.6	85.1			90.3	783
DEC		.5	62.0	.1	10.9	1.1	66.2	62.6	85.6	.4		93.2	847
TOTALS		3.8	56.8	.1	6.6	.8	59.7	54.1	86.0	.2		89.9	1097

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

35951
STATION

WOODBRIDGE RAF UK
STATION NAME

54-83
YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
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	17.5	5.8	15.2	9.2	13.2	6.7	1.1						51.2	856	2.05	4.02	.55
FEB	32.9	20.4	4.7	15.5	9.7	11.5	4.9	1.0	.1					46.7	809	1.62	3.40	.25
MAR	35.7	19.7	4.9	14.6	8.0	10.5	5.7	.8	.1					44.6	897	1.68	3.62	.33
APR	36.3	20.5	5.8	13.9	7.7	9.8	4.9	1.0	.1					43.2	840	1.52	4.13	.20
MAY	38.6	19.7	4.8	14.3	6.9	9.7	4.3	1.2	.6					41.7	868	1.74	3.51	.23
JUN	50.2	17.4	2.7	8.3	5.7	9.1	4.3	2.1	.1					32.3	810	1.63	4.25	.14
JUL	46.1	19.2	4.8	9.6	6.2	6.7	5.2	1.6	.6					34.7	868	1.75	3.88	.16
AUG	47.9	16.1	5.3	8.8	5.5	7.4	5.1	3.5	.4					36.0	837	2.05	3.92	.42
SEP	48.3	15.3	5.1	8.5	5.3	8.5	4.6	3.5	1.0					36.4	810	2.26	4.03	.02
OCT	43.1	16.4	4.5	10.3	7.0	10.5	5.3	2.6	.2	.1				40.5	861	2.22	6.78	.17
NOV	31.0	15.2	6.3	13.5	8.9	14.9	7.7	2.0	.4					53.8	783	2.49	5.34	.01
DEC	33.6	16.4	5.6	14.7	8.8	12.2	6.4	2.0	.4					49.9	845	2.13	4.43	.45
ANNUAL	39.6	17.8	5.0	12.3	7.3	10.3	5.4	1.9	.3	.3				42.6	10084	23.14		

USAFETAC FORM 0-15.5 (OL A)
OCT 78

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

13551 WOODBRIDGE RAF UK STATION NAME

94-63

YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54											.12	.76	.75	
55		.65	.77	.33	.39	.59	.73	.28	.97	.23	2.60	.20	.45	2.69
56		.79	.53	.30										
57			.53	.39	.26	.42	.8	.59	1.16	.54	.41	.66	1.71	
58		.44	1.33	.34	.27	1.52	.93	.52	.65	.63	.39	.51	1.75	1.57
59		.59	.11	.31	.26	.16	.21	.82	.81	.21	.66	.66	.83	.81
60		.42	.48	.67	.18	.27	.43	.33	.79	.87	2.50	.65	.57	2.57
61		.61	.27	.15	.39	1.09	.38	.51	.59	.81	.21	.47	.98	1.09
62		.41	.19	.35	.31	.93	2	1.24	.28	.56	.70	.69	.52	1.24
63		.39	.18	.56	.63	.63		.61	.91	.53	.43	.88	.71	.91
64		.36	.27	1.79	.57	.26		.32	.27	.14	.61	.32	.72	1.00
65		.34	.20	.72	.50	.21	.50	.67		1.65	.14	.72	.87	
66		.21	.40	.24	.60		.83	.99	.83	.27	.70	.84	.40	.99
67		.31	.29	.30	.68	.53	.27	.52	1.08	.49	.41	1.34	.20	1.34
68		.42	.41	.34	.21	1.22	.45	.54	.50	1.11	.48	.23	.33	1.22
69		.31	.48	.59	.20	1.34	.57	1.75	.92	.03	.07	.54	.61	1.75
70		.42	.40	.27	.48	.16	.16	.34	.34	.93	.14	1.18	.47	1.18
71		.48	.27	.26	.27	.13	1.21	1.85	.69	.84	.58	.61	.28	1.85
72		.52	.21	.39	.33	.17	.54	.51	.31	1.28	.09	.60	.72	1.28
73		.19	.24	.13	.50	.34	.84	.41	.27	1.19	1.20	.26	.28	1.20
74		.16	.26	.50	.23	.34	.33	.46	.65	1.46	.56	1.24	.76	1.46
75		.71	.24	.44	.31	.43	.27	.29	.82	.87	.17	.11	.53	.87
76		.71	.30	.17	.14	.47	.15	1.30	.93	1.43	.84	.52	.42	1.43
77		.58	.54	.30	.15	.41	.64	.25	.61	.21	.18	.85	.59	.64
78		.42	.52	.43	.56	.23	.41	.51	.62	.44	.79	.24	.65	.65
79		.41	.71	.31	.29	.72	.25	.82	1.19	.35	.32	.34	.43	1.19
80		.44	.28	.34	.44	.51	.51	.36	.33	.61	.75	.27	.72	.75
81		.45	.33	.77	1.14	.59		.84	.28	.75	.73	.35	.84	
82		.18	.39	.48	.31	.67	.59	.09	.59	.46	.84	.37	1.61	1.61
83		.35	.44	.18	.28	.44	.50	.87	.81					
MEAN		.411	.402	.410	.395	.501	.484	.604	.654	.692	.657	.594	.515	1.293
SD		.159	.242	.209	.252	.370	.231	.405	.288	.484	.418	.318	.255	.538
TOTAL OBS		854	838	897	840	868	810	868	837	810	841	783	885	1008

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-00-0 (OEA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

035951 WOODBRIDGE RAE UK STATION NAME

54-27 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54										1.72	3.99	1.72	
55	2.15	2.48	1.64	.24	2.15	2.23	.16	2.89	1.04	4.60	.57	1.78	21.93
56	4.02	3.01	.73										
57		2.79	1.08	.20	1.73	1.25	3.31	2.35	2.71	.97	1.75	2.02	
58	2.36	3.40	1.28	.58	2.81	4.25	2.30	3.92	2.33	2.13*	.52*	4.43	*30.31
59	2.16	.25	1.23	1.55	.23	.49	2.17	1.89	.02	1.93	2.48*	2.91	*16.91
60	3.66	1.14	1.73	.58	.83	.92	2.64	3.89	3.20	6.78	3.51	3.26	32.14
61	3.00	1.34	.33	1.83	1.43	1.20	1.22	1.67	2.94	3.48	1.98	4.08	24.50
62	2.01	.76	1.69	1.23	2.27	.14	2.48	1.09	2.20	1.18	3.15	2.13	20.26
63	.99	.67	2.71	2.78	2.86	1.93	1.33	3.58	1.48	1.24	3.39	.45	23.01
64	.55	1.07	3.59	2.50	1.03	3.50	1.06	.67	.24	1.64	.93	1.40	18.19
65	1.59	.61	2.39	2.75	1.10	2.09	2.66		4.35	.41	2.69	3.87	
66	1.35	1.98	.50	2.60	1.48	2.36	3.61	3.41	.79	3.12	3.63	3.14	27.97
67	1.12	1.34	.87	2.35	2.86	.71	1.36	3.01	2.65	2.67	2.50	.94	22.38
68	1.41	2.29	1.03	1.00	2.18	1.94	1.92	1.95	4.67	1.91	1.21	1.23	22.74
69	1.81	1.89	2.24	.98	3.51	1.29	3.88	2.85	.09	.17	3.16	2.54	24.41
70	2.78	2.14	1.38	2.39	.44	.66	1.15	.87	1.98	1.71	5.34	2.34	22.48
71	2.31	.93	1.46	.53	.84	2.74	2.36	2.04	1.37	2.24	3.45	1.32	21.59
72	2.77	1.07	1.33	1.72	1.02	1.62	1.76	.42	2.85*	.20	2.00	.05	*17.71
73	.82	.97	.86	2.05	2.11	1.11	1.74	.92	4.25	2.35	1.24	1.07	19.11
74	1.27	1.67	1.09	.38	.73	1.26	1.98	3.19	4.93	3.47	4.52	.93	25.42
75	3.19	.65	2.68	1.44	1.35	.78	1.10	1.15	4.20	.71*	.01*	1.05	*18.31
76	* 1.14*	.76*	.67	.33	1.30	.23	1.83	2.07	4.91	4.57	2.37	1.63	*21.81
77	2.99	2.69	1.84	.99	2.01	1.30	.38	2.87	.34	.58	2.26	2.24	20.45
78	1.79	1.18	1.86	1.59	1.01	2.21	1.33	1.69	1.03	.26	.82	3.92	18.64
79	2.94	3.33	2.52	1.47	3.04	.96	.59	2.99	.97	1.01	1.99	1.74	25.50
80	1.17	1.62	1.87	1.11	.91	3.06	1.77	.77	1.07	3.16	1.63	1.66	19.80
81	2.04	1.14	3.82	2.40	3.00		1.36	.80	3.00	2.98	1.56	2.76	
82	1.17	.96	2.17	.73	1.84	2.73	.47	2.02	1.38	4.86*	2.35*	2.54	*23.22
83	* 1.45	1.85	1.42	4.13	3.01	1.14	1.18	.87					
MEAN	2.055	1.615	1.676	1.515	1.736	1.626	1.752	2.053	2.256	2.220	2.984	2.131	22.809
S.D.	.911	.871	.866	.967	.893	1.015	.934	1.082	1.555	1.627	1.199	1.075	3.508
TOTAL OBS.	856	809	897	890	868	810	868	837	810	861	783	845	10089

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-883 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

54-83

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	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	80.3	10.6	3.7	2.5	1.9	.8	.1	.1						9.1	856	3.3	12.1	.3
FEB	75.4	13.5	4.9	4.3	1.0	.1	.2	.4	.1					11.1	879	3.2	25.3	.3
MAR	86.5	8.9	1.9	2.0	.3	.3								4.6	897	1.2	7.3	.0
APR	92.7	5.6	1.1	.5		.1								1.7	840	.3	3.8	.3
MAY	99.4	.6													868	TRACE	TRACE	.3
JUN	100.0														810	.0	.0	.3
JUL	100.0														868	.0	.0	.0
AUG	100.0														868	.0	.0	.3
SEP	100.0														810	.0	.0	.0
OCT	100.0														861	.0	.0	.3
NOV	94.3	4.0	.5	.8	.3	.3								1.8	784	.6	5.9	.3
DEC	88.4	6.8	2.0	.9	.7	.5	.6							4.7	847	2.1	11.5	.3
ANNUAL	93.1	4.2	1.2	.9	.3	.2	.1	.0	.0					2.7	10118	10.7		

USAFETAC FORM 0-15-5 (OL A)
OCT 78

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

035951 WOODBRIDGE RAF UK
STATION STATION NAME

54-83

YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54											.0	.0	TRACE	
55		2.3	1.4	2.7	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.7
56		2.3	5.0	.3										
57			TRACE	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	
58		2.5	3.0	3.0	TRACE	.0	.0	.0	.0	.0	.0*	.0*	.0	3.0
59		1.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.0
60		3.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.2
61		TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.4	2.4
62		.5	.6	.9	.0	.0	.0	.0	.0	.0	.0	TRACE	3.6	3.6
63		1.3	1.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.8
64		.2	.4	.5	1.2	.0	.0	.0	.0	.0	.0	.0	3.2	3.2
65		1.8	1.5	.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	1.8
66		3.6	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	TRACE	3.6
67		.3	.2	.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.5	.5
68		1.3	.7	.5	1.3	.0	.0	.0	.0	.0	.0	TRACE	1.8	1.8
69		TRACE	1.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.8	2.8	2.8
70		.4	2.4	1.5	.6	.0	.0	.0	.0	.0	.0	.0	3.7	3.7
71		.2	.8	1.3	.0	.0	.0	.0	.0	.0	.0	2.7	1.3	2.7
72		2.9	TRACE	2.0	.0	.0	.0	.0	.0	.0*	.0	TRACE	.0	2.9
73		TRACE	1.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.2	.5	1.8
74		.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3
75		TRACE	.0	1.1	3.0	.0	.0	.0	.0	.0	.0*	.0*	TRACE	3.0
76		*TRACE	*TRACE	*TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
77		2.3	TRACE	2.2	.2	.0	.0	.0	.0	.0	.0	TRACE	.0	2.3
78		TRACE	1.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.0	4.1	4.1
79		4.5	7.3	.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.9	7.3
80		2.5	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.0	1.7	2.5
81		3.1	1.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	4.0	
82		2.2	.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0*	.0*	.0	2.2
83		*TRACE	1.3	TRACE	TRACE	.0	.0	.0	.0					
MEAN		1.46	1.14	.61	.24	TRACE	.00	.00	.00	.00	.00	.39	1.31	2.66
S.D.		1.344	1.678	.893	.640	.000	.000	.000	.000	.000	.000	.861	1.542	1.508
TOTAL OBS.		856	809	897	840	868	810	868	868	810	861	784	847	1018

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-883 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

035051 WOODBRIDGE RAE UK
STATION STATION NAME

54-83 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54											.0	.0 TRACE	
55	9.1	6.2	7.3	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	22.6
56	4.1	25.8	.3										
57		TRACE	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	
58	6.5	4.0	5.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	16.2
59	3.7	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	3.7
60	9.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	9.3
61	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.4	2.4
62	.0	1.1	1.3	.0	.0	.0	.0	.0	.0	.0	TRACE	5.2	8.1
63	4.4	4.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	9.2
64	.3	.4	1.7	1.2	.0	.0	.0	.0	.0	.0	.0	3.2	6.7
65	2.3	2.2	.7	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	5.8
66	6.1	.1	.4	.3	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.9
67	.5	.0	.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.0	1.8
68	3.4	1.4	.5	1.6	.0	.0	.0	.0	.0	.0	TRACE	2.7	9.6
69	TRACE	11.7	TRACE	TRACE	.0	.0	.0	.0	.0	.0	5.9	4.5	22.1
70	.4	5.0	4.2	1.2	.0	.0	.0	.0	.0	.0	.0	11.5	22.5
71	.2	1.2	3.3	.0	.0	.0	.0	.0	.0	.0	3.0	1.5	9.2
72	6.2	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	8.2
73	TRACE	2.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	1.8	4.3
74	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
75	TRACE	.0	2.8	3.8	.0	.0	.0	.0	.0	.0	.0	.0	6.6
76	*TRACE	*TRACE	*TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	*TRACE
77	3.9	TRACE	3.0	.3	.0	.0	.0	.0	.0	.0	TRACE	.0	7.2
78	TRACE	1.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.8	4.4	7.5
79	12.1	14.8	.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.9	29.9
80	2.9	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	3.1	1.7	7.3
81	7.4	4.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	11.0	
82	2.6	.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	2.6
83	*TRACE	2.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	
MEAN	3.31	3.18	1.18	.30	TRACE	.00	.00	.00	.00	.00	.61	2.13	9.77
S.D.	1.459	5.717	1.927	.808	.000	.000	.000	.000	.000	.000	1.436	3.198	8.010
TOTAL OBS	856	809	897	880	868	810	868	868	810	861	788	887	10118

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

54-83

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	83.1	6.9	4.8	2.8	1.9	.5								10.0	826			
FEB	82.2	8.8	3.8	2.1	1.2	1.2	.6							9.0	809			
MAR	97.1	1.6	.8	.2	.2	.1								1.3	897			
APR	99.5	.5													840			
MAY	100.0														868			
JUN	100.0														810			
JUL	100.0														868			
AUG	100.0														868			
SEP	100.0														810			
OCT	100.0														861			
NOV	98.1	1.1	.6	.1										.8	784			
DEC	93.0	2.4	.8	2.1	1.2	.5								4.6	847			
ANNUAL	96.1	1.8	.9	.6	.4	.2	.0							2.1	10088			

USAFETAC FORM 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

35051 WOODBRIDGE RAF UK
STATION STATION NAME

54-83 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54													
55	2	2	3	0	0	0	0	0	0	0	0	0	
56	2	9	0	0	0	0	0	0	0	0	0	0	
57		0	0	0	0	0	0	0	0	0	0	0	
58	3	1	4	0	0	0	0	0	0	0	0	0	
59	3	0	0	0	0	0	0	0	0	0	0	0	
60	5	TRACE	0	0	0	0	0	0	0	0	0	0	
61	0	0	0	0	0	0	0	0	0	0	0	0	
62	3	1	1	0	0	0	0	0	0	0	0	3	
63	4	3	1	0	0	0	0	0	0	0	0	0	
64	0	0	0	0	0	0	0	0	0	0	0	0	
65	0	0	0	0	0	0	0	0	0	0	0	0	
66	0	0	0	0	1	0	0	0	0	0	0	0	
67	*	0	0	0	0	0	0	0	0	0	0	0	
68	1	TRACE	1	TRACE	0	0	0	0	0	0	0	2	
69	1	0	1	0	0	0	0	0	0	0	1	2	
70	TRACE	2	TRACE	0	0	0	0	0	0	0	0	0	
71	2	TRACE	1	0	0	0	0	0	0	0	TRACE	TRACE	
72	4	1	0	0	0	0	0	0	0	0	0	0	
73	0	1	0	0	0	0	0	0	0	0	1	1	
74	0	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
75	0	0	TRACE	TRACE	0	0	0	0	0	0	0	0	TRACE
76	*TRACE	*TRACE	*TRACE	0	0	0	0	0	0	0	0	0	*TRACE
77	2	0	0	0	0	0	0	0	0	0	0	0	
78	TRACE	1	TRACE	0	0	0	0	0	0	0	2	2	
79	4	0	TRACE	0	0	0	0	0	0	0	0	2	
80	TRACE	0	0	0	0	0	0	0	0	0	TRACE	TRACE	TRACE
81	3	3	0	0	0	0	0	0	0	0	0	0	
82	2	0	0	0	0	0	0	0	0	0	0	0	
83	*	0	1	0	0	0	0	0	0	0	0	0	
MEAN	1.4	1.4	3	TRACE	0	0	0	0	0	0	0.2	0.8	2.3
S.D.	1.63	2.922	9.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	1.323	2.311
TOTAL OBS.	828	809	897	880	868	810	868	868	810	861	788	887	10088

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-3 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

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

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

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

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

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

- 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

035051 40008RIDGE RAF, UK STATION NAME

50-03

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
59				WNW 34ENE	23SW	32WNW	30ESF	25NE	23W	48S	41SW	78	
60	W	41W	37WNW	37W	35E	29W	38WNW	27E	31NW	29W	38W	49W	W 49
61	WNW	37WNW	53W	35SW	27NW	35NNW	72W	33WSW	41SW	26WNW	42ENE	41W	W 53
62	SW	49WNW	48W	37W	34W	40WSW	35SSW	29SSW	35WSW	35W	32ENE	29W	W 51
63	ENE	43ENE	28WSW	35NE	34WSW	37FNE	12WSW	27WNW	39SSW	35SW	27W	42NE	E 43
64	WNW	30WNW	32ENE	31WSW	32W	32SSW	28WSW	33W	30WSW	33W	33W	40SSW	W 40
65	WSW	40WNW	43NE	34WNW	34W	37WSW	33WSW	34NNW	35WSW	45W	33WNW	52WSW	W 45
66	W	32SSW	40WSW	58SSW	30W	42W	32W	32SSW	28E	29SSE	29WNW	62WSW	W 62
67	WNW	31W	62W	46W	47SW	37WSW	33WNW	28WNW	26SSW	44WSW	56SSW	40SW	W 62
68	W	49S	46NNW	48W	29WSW	32SW	3336/	3926/	2822/	3623/	3010/	3620/	W 49
69	24/	3526/	3625/	3727/	5126/	32 1/	2834/	3034/	2720/	2829/	3025/	47 6/	27/ 51
70	13/	2723/	5028/	3835/	3731/	3727/	3128/	3823/	3623/	4128/	4426/	4713/	28/ 50
71	28/	4927/	38 1/	34 8/	28 6/	2930/	2927/	2624/	2825/	2324/	3827/	3922/	28/ 49
72	29/	5119/	3128/	5127/	3726/	4721/	31 4/	3222/	3219/	2828/	2928/	5818/	28/ 58
73	21/	3226/	4433/	2626/	5627/	4426/	2533/	2424/	3617/	3028/	3929/	3534/	26/ 56
74	27/	4526/	4827/	47 5/	2726/	2928/	4027/	4125/	3523/	4531/	3927/	4329/	26/ 48
75	27/	5427/	28 4/	3728/	33 4/	3427/	3428/	3225/	2722/	4227/	3318/	1720/	27/ 54
76	33/	4527/	3026/	33 3/	3226/	3729/	29 7/	30 9/	2929/	3616/	4620/	3719/	16/ 46
77	22/	4027/	4227/	3824/	41 4/	3520/	2927/	2920/	3523/	3426/	4427/	5322/	27/ 53
78	2/	51 8/	3420/	37 5/	2934/	31 4/	3626/	2627/	3328/	4228/	3021/	36 7/	2/ 53
79	29/	45 4/	4622/	3931/	3425/	3426/	3828/	2923/	3426/	2911/	2829/	3529/	29/ 47
80	12/	3430/	24 7/	3535/	33 5/	3328/	3235/	3223/	3326/	3727/	46 7/	4227/	27/ 46
81	29/	5127/	3832/	40 4/	3423/	26	26/	2530/	2525/	3723/	4427/	4412/	43
82	10/	3118/	2828/	4235/	3432/	3824/	27 5/	3222/	3431/	4330/	3019/	3425/	31/ 43
83	26/	5327/	6027/	5823/	3821/	29 4/	2936/	2830/	20				
MEAN	41.4	40.7	40.0	35.3	34.2	30.7	31.1	30.8	34.6	37.0	42.3	41.4	50.4
SD	8.69	10.16	7.97	7.21	5.31	3.94	4.15	4.15	4.20	7.98	8.03	5.67	4.66
TOTAL OBS	721	660	738	742	763	717	773	768	719	736	687	718	4741

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0000 (OEA)

8 (BASED ON LESS THAN FULL MONTHS AND >100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 035951 WOODBRIDGE RAF UK YEARS 74-75, 77-80 MONTH JAN
CLASS ALL WEATHER HOURS (L & T) 0000-0200
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.6	.9	.3	.1	.3						4.2	6.7
NNE		1.7	.5	.1								1.7	7.2
NE		.3	.8	.1								1.2	8.3
ENE	.1	.5	.4	.7								1.7	9.3
E		.3	.1	1.6	.1							2.1	12.5
ESE	.5	.4	.1	.1								1.2	4.8
SE	.4	.5	.5									1.4	5.6
SSE	.4	.9	.1	.3								1.7	5.7
S	1.6	4.7	2.3	.9								9.5	6.2
SSW	1.8	4.4	4.4	1.6	.1	.3						12.6	7.3
SW	1.4	5.3	4.6	2.1		.2						13.5	7.3
WSW	.9	2.3	3.5	4.7	.5	.1						11.4	9.5
W	.9	2.9	3.3	3.5	.9	.1						11.6	9.7
WNW	.3	2.1	3.0	1.6	.3	.3						7.4	9.5
NW	.4	1.3	1.3	.7								3.6	7.9
NNW		.5	.5	.3								1.3	7.9
VARBL			3.0	2.0								4.9	10.3
CALM												8.6	
	10.1	29.7	29.4	19.6	2.1	1.2						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 769

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

35951
STATION

WOODBRIDGE RAF JK
STATION NAME

74-75, 77-80
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0100-0500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.0	2.4	.8	.1	.1	.3						4.4	6.9
NNE	.4	.9	.7	.1								2.2	6.2
NE	.1	.5	.9									1.5	6.6
ENE	.1		.3	1.2								1.6	11.9
E	.1	.1	.4	.9	.1							2.7	11.4
ESE			.3	.1								.4	9.3
SE	.7	.4	.1	.1								1.3	4.4
SSE	.7	.1		.1								.9	3.9
S	2.4	4.2	2.3	1.3								10.3	6.4
SSW	2.6	3.1	2.9	2.7	.1							11.3	7.4
SW	2.3	4.3	4.2	2.8								13.4	7.4
WSW	1.6	3.6	3.2	3.7	.1							11.6	7.8
W	.5	1.1	2.4	4.2	1.9	.1						10.3	11.5
WNW	.3	2.7	2.3	1.6	.5		.1					7.6	9.4
NW	.4	1.3	1.1	.5								3.4	7.3
NNW		.4	.4	.4								1.2	9.4
VARBL			2.8	2.8	.4							6.1	11.6
CALM												1.4	
	13.1	25.1	25.2	22.3	3.4	.4	.1					102.0	7.4

TOTAL NUMBER OF OBSERVATIONS

741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 174951 WOODBRIDGE RAF UK STATION NAME 74-75-77-8 YEARS JAN NORTH
ALL WEATHER CLASS 2400-0300 HOURS (LST)
CONDITION

SPEED (KNT. DIR.	1 - 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	1.7	.9	.3	.1	.1						4.4 6.8
NNE	.4	.2	.4									1.8 3.2
NE	.1	.4	.4	.4								1.3 3.4
ENE	.1	.4	.4	.9								1.3 3.8
E	.3	.3	.1	1.3								1.3 3.5
ESE	.3		.4	.3								.7 3.7
SE	.4	.1	.1									1.7 3.4
SSE	.7	.2	.5	.1								1.3 3.4
S	2.5	4.7	1.7	.8	.1							9.1 5.9
SSW	1.7	3.5	4.1	1.8	.4							10.9 7.8
SW	1.8	3.6	5.2	3.2								13.3 7.7
WSW	1.6	3.1	4.8	1.8		.1	.1					11.5 7.8
W	1.7	.3	3.2	4.3	1.2	.3						10.5 11.2
WNW	.5	1.6	1.7	1.6	.5							5.9 8.8
NW	.6	1.7	1.7	.6	.3							4.2 7.5
NNW	.3	.5	.5	.1								1.4 6.5
VARBL			7.2	3.5	.9	.3	.1					7.0 13.3
CALM												10.3
	12.7	23.4	29.1	21.7	3.5	.8	.7					100.7 7.5

TOTAL NUMBER OF OBSERVATIONS 773

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFC WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 75051 STATION NAME WOODBRIDGE RAF UK YEARS 74-75, 77-83 MONTH JAN
CLASS ALL WEATHER 1970-1970
CONDITION HOURLY (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.7	.6	.4	.1							3.7	6.4
NNE	.9	.6	.7	.1								2.3	5.9
NE	.1	.1	.6	.1								1.7	8.6
ENE	.1	.7	1.7	1.0								2.9	8.7
E	.7	.1	.5	.5								1.8	7.4
ESE	.4	.4	.4	.4								1.4	7.3
SE	.5	.7	.1									1.7	4.5
SSE	.7	1.7	.4	.2								1.8	6.8
S	1.1	3.1	2.8	.6	.1							7.7	6.6
SSW	1.2	2.9	4.9	1.9	.5							11.4	8.3
SW	.5	3.4	3.7	3.7	.2		.1					11.6	9.0
WSW	1.3	2.6	4.4	3.4	.7	.1						12.6	9.5
W	.7	2.2	2.9	4.4	1.8	.4	.4					12.7	11.6
WNW	.6	.6	1.1	2.4	.8	.1						5.6	11.7
NW	.5	1.7	2.6	.6								4.7	7.9
NNW	.5	1.1	1.2	.2	.1							3.1	7.5
VARBL			3.7	3.8	.1	.2						7.7	11.6
CALM												6.6	
	9.8	22.4	31.5	23.7	4.6	.8	.5					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 838

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

34951 WOODBRIDGE RAF UK 74-75, 77-82 JAL
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1200-1400
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.7	.8									2.3	5.9
NNE	.4	.5	.6	1.1								2.5	8.9
NE	.1	.6	.7	.8								2.3	9.2
ENE		.2	.4	.6								1.2	9.6
E	.6	.7	1.0	.7								3.7	7.8
ESE	.7	1.1	.4	.4								2.9	7.2
SE	.4	.5	.5									1.3	5.0
SSE	.4	1.2	.5	.1								2.2	5.7
S	.7	3.7	3.5	1.7								8.9	7.2
SSW	1.0	2.4	6.4	2.2	.1							12.0	8.3
SW	1.0	3.1	4.7	2.4	.5	.1						11.8	8.7
WSW	.1	1.3	3.2	3.2	1.0	.1	.1					9.1	11.2
W	1.1	1.7	4.6	5.2	2.2	1.7						14.9	12.2
WNW	.4	.7	1.6	1.2	.7	.8	.5					5.9	13.9
NW	.2	1.3	2.8	1.8	.2	.1						6.5	9.7
NNW	.2	1.6	1.2	.1								3.1	6.6
VARBL			3.7	4.4	1.0	.2						9.4	12.0
CALM												1.8	
	7.2	27.9	36.3	25.2	5.6	2.4	.6					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 839

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 035951 STATION NAME WOODBRIDGE RAF UK YEARS 74-75, 77-83 JAN
CLASS ALL WEATHER 1500-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.4	1.1	.7								3.5	6.3
NNE	.5	1.1	1.0	.6								3.1	7.4
NE	.4	.2	.2	.4								1.2	7.5
ENE	.4	.5	.4	.7	.1							2.3	8.7
E	.2	1.2	.1	.7	.4							2.6	9.3
ESE	1.1	.7	.2									2.3	3.5
SE	.6	1.7	.1									1.7	4.5
SSE	.7	.8	.4									1.9	4.6
S	2.9	3.6	2.3	.7	.1							9.5	5.6
SSW	1.1	4.2	4.4	1.3								11.5	7.2
SW	.7	3.2	4.4	2.2	.4							15.9	8.4
WSW	.6	2.4	2.8	2.4	.4							8.5	9.0
W	.5	1.9	4.1	3.8	1.3	.2	.4					12.2	11.6
WNW	.4	1.1	1.2	2.0	.7	.6						6.7	12.1
NW	.8	1.8	3.0	.8	.4	.2						7.1	8.5
NNW	.6	1.1	.8	.1								2.6	5.6
VARBL			3.6	3.8	.5	.1						8.0	11.5
CALM												6.3	
	12.1	26.3	32.7	19.9	4.2	1.2	.4					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 839

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03951 WOODBRIDGE RAF UK 74-75, 77-83 JAN 1977-2000
STATION NAME YEARS MONTHS (L E T)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.3	1.7	.2	.1							4.1	6.3
NNE	.4	.8	.4									1.6	5.4
NE	.1	.1	.8	.4								1.4	9.1
ENE	.1	.2		1.7								1.3	11.3
E	.4	.4	.2	1.0	.4							2.3	11.1
ESE	.4	.6	.5	.5								1.9	7.7
SE	.6	.5	.1									1.2	4.1
SSE	1.2	1.4										2.6	1.8
S	3.2	3.7	2.0	.4								8.6	5.2
SSW	1.2	4.7	4.2	1.7								11.8	7.3
SW	1.4	3.5	6.1	2.0	.2							13.3	7.9
WSW	1.1	1.7	4.0	2.3	.2	.2						9.5	8.9
W	.8	1.2	3.5	4.3	1.6	.2						11.6	11.3
WNW	.2	1.6	1.3	.7	.4	.4						4.6	9.9
NW		1.9	3.0	.5	.2							5.6	7.9
NNW	1.1	1.4	1.1	.2	.2							4.1	6.5
VARBL		.2	3.4	2.8	.1	.2						6.7	11.4
CALM												7.8	
	12.7	25.5	31.5	17.9	3.5	1.1						120.0	7.6

TOTAL NUMBER OF OBSERVATIONS 834

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

035951 WOODBRIDGE RAF UK 74-75,77-83 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.6	.6	.6	.2	.4						4.8	8.2
NNE		1.2	.2									1.4	5.6
NE			.2									.2	9.3
ENE			.7	.8	.1							1.7	11.9
E	.3	.5	.4	1.2	.2							2.5	10.6
ESE	.2	.7	.2	.1								1.3	5.9
SE	.6	.8	.2									1.7	4.6
SSE	.6	.6	.1									1.3	3.3
S	2.3	3.7	1.9	.5								8.4	5.2
SSW	1.2	3.7	4.7	.8	.2							12.7	7.2
SW	1.7	4.6	6.5	1.9	.4	.1						15.1	7.3
WSW	.5	2.5	3.4	3.5	.5							10.3	9.9
W	.6	2.8	3.2	3.6	1.8	.4						12.4	12.7
WNW	.6	2.2	.8	1.2	.4							5.2	8.3
NW	.1	2.9	2.9	.7								6.6	7.4
NNW	.1	1.7	.7	.1								1.9	6.4
VARBL			3.7	2.2	.1							6.0	10.5
CALM												8.9	
	9.8	28.7	30.6	17.3	4.0	.8						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 839

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

C35951 WOODBRIDGE RAF UK 74-75, 77-83 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS ALL
CONDITION MONTHS (L.S.Y.)

SPEED (KNTS) DIR.	1 - 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	.8	.3	.1	.1						3.2	6.7
NNE	.4	.9	.6	.3								2.9	6.7
NE	.1	.3	.6	.3								1.3	8.3
ENE	.1	.3	.4	.9	.7							1.8	9.9
E	.3	.4	.4	1.7	.2							2.3	9.9
ESE	.4	.5	.3	.2								1.4	6.3
SE	.6	.6	.2	.0								1.4	4.6
SSE	.6	.9	.2	.1								1.8	5.0
S	2.1	3.7	2.3	.8	.7							9.7	6.0
SSW	1.4	3.6	4.5	1.7	.2	.7						11.5	7.6
SW	1.3	3.8	4.9	2.5	.2	.0	.0					12.9	8.0
WSW	.9	2.4	3.7	2.9	.4	.1	.7					10.5	9.0
W	.8	1.7	3.4	4.2	1.6	.3	.1					12.1	11.3
WNW	.4	1.5	1.6	1.5	.5	.3	.1					6.7	10.5
NW	.4	1.7	2.3	.8	.1	.0						5.3	8.1
NNW	.4	1.0	.8	.2	.7							2.4	6.6
VARBL		.7	3.3	3.2	.4	.1	.0					7.0	11.7
CALM												7.5	
	10.9	25.1	30.4	20.8	3.9	1.1	.2					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 6951

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

74-75, 77-83
YEARS

FFB
MONTHS

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	1.9	2.9	.9	.6								6.1	5.1
NNE	1.5	2.4	1.1	.4								5.2	5.6
NE	.4	1.4	1.6	1.4	.4							5.2	9.1
ENE	.4	1.6	1.1	2.3	.4							5.6	9.6
E	.9	1.7	2.7	.9	.3							5.7	7.4
ESE	1.7	1.6	1.3	.3								4.8	5.3
SE	1.5	1.7	1.3									3.3	5.1
SSE	1.3	.7	1.7	.1								3.1	5.4
S	3.1	2.1	1.9	1.6	.1							8.8	6.3
SSW	2.3	1.1	3.0	1.1								7.5	6.7
SW	2.1	1.7	2.5	.6	.3							6.7	6.3
WSW	.7	2.3	1.7	.4	.6							5.7	7.6
W	.4	1.8	2.1	2.4	.3		.1					7.2	9.6
WNW	.7	1.5	.7	.3								2.7	6.5
NW	.6	1.6	.9	.1	.1							3.3	6.2
NNW	1.1	.7	.4									2.3	3.5
VARBL			.7	1.1	.1							2.3	11.3
CALM												14.6	
	19.9	25.5	23.5	13.6	2.7		.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 725

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

35951 WOODBRIDGE RAF UK 74-75-78-83 FEB
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
3300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.6	.9									6.7	4.4
NNE	.3	1.3	.7	1.2								3.6	7.8
NE	1.3	2.1	1.5	1.5	.6							6.7	8.6
ENE	.6	.7	1.6	2.1	.4							5.5	10.3
E	.9	1.2	2.1	1.0	.1							5.3	8.0
ESE	2.1	1.5	1.2	.6								7.3	5.3
SE	1.2	.3	1.3									2.9	5.6
SSE	.4	.1	1.3	.3								2.2	7.9
S	2.4	3.7	1.6	1.2								8.9	6.0
SSW	1.3	2.2	2.4	.4								6.4	6.0
SW	1.8	1.6	1.3	.6								5.3	6.0
WSW	1.7	3.3	2.2	.4	.6							7.6	7.3
W	.9	.7	1.5	1.8								4.9	8.5
WNW	.3	2.7	2.2	1.3								6.5	7.8
NW	.7	.1	.4	.3								1.6	6.2
NNW	1.0	.4	.3									1.8	3.8
VARBL			1.6	.7	.3							2.7	10.8
CALM												16.2	
	18.2	25.7	24.3	13.5	2.1							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 674

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 535951 STATION NAME WOODBRIDGE RAF UK YEARS 74-75, 77-83 MONTH FEB
CLASS ALL WEATHER NUMBER OF HOURS (L & T) 2600-0000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.8	1.0	.1								5.4	4.6
NNE	.6	2.3	.6	.6	.3							4.3	6.9
NE	1.7	.9	2.7	1.1		.4						5.4	8.8
ENE	.6	2.7	2.7	2.4	.6							8.3	9.8
E	.9	1.0	2.1	1.0	.6							5.5	8.9
ESE	1.3	1.1	2.1	.1								4.7	6.1
SE	1.3	1.1	1.1	.1								3.7	5.7
SSE	.9	.7	.9	.1								2.5	5.9
S	1.6	3.7	1.8	1.1								7.5	6.1
SSW	1.6	2.4	2.7	.6								7.3	6.3
SW	1.1	2.7	.7	.6								5.1	5.5
WSW	.1	1.8	3.7	.3	.4							5.7	8.6
W	.6	.9	1.8	1.8								5.1	9.3
WNW	1.7	1.6	1.6	1.3								5.4	7.1
NW	.4	.4	.9	.4								2.1	7.3
NNW	1.7	.6	.7									2.3	4.9
VARBL			2.6	.6	.4							3.6	10.8
CALM												16.1	
	16.2	24.3	28.3	12.4	2.3	.5						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 703

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

035951 WOODBRIDGE RAF UK 74-75, 77-83 FEB 1980-1980
STATION STATION NAME YEARS MONTHS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.4	1.6	.4								4.5	6.2
NNE	.3	1.6	.7	.4								2.9	6.4
NE	.4	1.3	2.6	.8		.4						5.5	9.1
ENE		1.3	2.1	3.2	.4	.3						7.2	11.3
E	.4	1.3	3.0	1.8	.7							7.2	9.7
ESE	.9	1.3	1.6	.5								4.3	6.4
SE	1.2	1.8	1.1	.1								4.2	5.3
SSE	.5	1.2	.5	.3								2.5	6.3
S	.4	2.8	2.1	.5	.7							6.5	8.2
SSW	.7	1.4	2.6	1.4								6.2	8.0
SW	.8	1.6	2.9	.8								6.1	7.9
WSW	.4	1.7	3.4	1.1	.4	.1	.1					7.2	9.4
W	.7	1.2	3.2	2.0	.4							7.4	9.4
WNW	.3	.7	1.6	.4	.1							3.0	7.9
NW	.3	1.3	1.3	.4								3.3	7.3
NNW	.7	.9	.9	.4								2.9	6.4
VARBL			6.9	.9	.1	.1						8.2	9.5
CALM												10.8	
	9.7	22.9	38.1	15.4	2.8	.9	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 752

GLOEAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 035051 WODDERIDGE RAF UK STATION NAME 74-75, 77-83 YEARS FEB MONTH
ALL WEATHER CLIM 1974-1975 MONTHS (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	1.3	1.7	.5								4.3	6.5
NNE	.1	.8	2.7	.5								3.4	8.4
NE	.5	1.2	.9	2.8		.7						5.7	12.5
ENE	.5	.8	2.9	3.2	1.1							8.4	11.1
E	.7	2.2	3.7	1.3	.4	.1						8.4	8.6
ESE	.5	1.3	2.2	.5								4.6	7.9
SE	.5	1.7	.8	.4								3.4	6.7
SSE	.5	1.8	.8	.1								3.3	5.7
S	.5	2.8	2.2	1.3	.3							7.1	8.7
SSW	.5	1.8	3.6	1.4	.1	.1						7.6	8.7
SW	.1	1.2	2.2	.7								4.2	8.3
WSW	.7	2.2	2.1	1.4	.3			.1				6.9	8.6
W	.8	.4	1.8	3.0	.9	.7		.1	.1			7.9	13.1
WNW	.3	1.2	1.4	.7								3.6	7.7
NW	.4	1.2	1.1	.7	.1							3.4	7.8
NNW	.5	.7	1.4	.5								3.2	7.4
VARBL		.1	9.2	1.6	.1	.1						11.2	9.5
CALM												2.8	
	8.6	22.8	40.2	20.7	3.3	1.3		.3	.1			10.7	8.7

TOTAL NUMBER OF OBSERVATIONS 759

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 170951 Wooten Bridge RAF UK 74-75, 77-82 74-75 74-75
STATION NAME YEARS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.7	1.6	.3								4.6	6.2
NNE	.3	.9	2.2	.5								4.2	7.9
NE	.5	2.6	2.0	2.0	.5	.1						7.8	9.3
ENE	.9	2.6	2.2	3.2	.9							9.7	9.6
E	1.2	2.2	3.7	.8	.1							8.3	7.1
ESE	.4	1.3	1.2	.4								3.3	6.9
SE	1.1	1.3	.7	.3								3.3	5.2
SSE	.9	1.8	.9									3.4	5.2
S	2.1	4.5	3.4	.7	.1							10.8	6.3
SSW	1.3	2.1	4.3	.5	.4							8.7	7.4
SW	.9	2.7	1.4	.5								4.7	6.6
WSW	.3	.9	1.1	.5	.4			.1				3.2	10.9
W	.3	1.4	1.8	2.6	.7	.1	.1					7.1	11.2
WNW	.4	1.3	.9									3.2	7.1
NW	.3	2.3	1.1	.7								4.3	6.8
NNW	.4	.5	.9	.1								2.3	6.5
VARBL			4.7	1.6	.4	.1						6.9	14.0
CALM												5.5	
	11.6	29.5	34.1	15.0	3.6	.4	.1	.1				100.1	7.5

TOTAL NUMBER OF OBSERVATIONS 759

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 03951 STATION NAME WOODBIDGE RAF UK YEARS 74-75, 77-82 MONTH FEB
CLASS ALL WEATHER HOURS (LST) 1800-2400
CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	1.6	2.5	1.4	.1								5.2
NNE	.5	1.3	2.1	.5	.1	.1						4.7
NE	1.3	1.6	2.5	1.4	.1							7.8
ENE	.3	1.6	1.8	1.3	.4							5.3
E	1.1	2.1	2.3	1.3								6.8
ESE	.9	.9	1.4	.4								3.7
SE	1.4	1.2	.8	.4								3.7
SSE	.8	1.3	.7	.1								3.4
S	2.6	2.8	2.9	1.1								9.4
SSW	1.3	1.3	6.1	.8	.3							9.7
SW	.4	1.2	2.5	.7								4.7
WSW	.7	1.2	1.1	.8								3.7
W	.4	1.4	1.7	2.1	.4							6.2
WNW	.4	1.8	.8	.4								3.4
NW	.7	.8	.3									1.7
NNW	.5	.7	.4									1.6
VARB			1.3	.7		.1						2.1
CALM												16.2
	15.9	24.2	29.9	12.3	1.7	.3						100.5

TOTAL NUMBER OF OBSERVATIONS 759

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1951 WOODBRIDGE RAF UK 74-75, 77-83 FEA
STATION STATION NAME YEARS MONTHS
ALL WEATHERED
CLASB
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.4	1.2									5.3	4.3
NNE	.8	.9	1.3	.1	.1							2.3	6.6
NE	.7	1.9	1.6	1.4	.1							5.7	8.3
ENE	.7	1.6	1.1	2.1	.3							5.7	9.2
E	1.2	2.1	2.1	1.7	.3							7.4	7.9
ESE	1.1	1.7	2.1	.1								5.2	6.3
SE	1.4	1.3	.7	.4								3.9	5.5
SSE	.7	.8	1.2									2.6	6.1
S	2.2	2.8	4.7	.5								9.5	6.3
SSW	1.6	2.6	4.7	1.3								9.2	7.2
SW	.9	1.8	2.0	1.1	.4							6.1	8.3
WSW	1.1	1.3	1.6	.9								4.9	7.1
W	.3	.8	2.5	1.6	.1							5.3	9.7
WNW	.5	1.6	.9	.1								2.2	5.9
NW	.3	1.4	.8	.3								2.8	6.7
NNW	.2	.7	.4	.3								1.6	6.5
VARBL			1.2	1.1								2.2	10.9
CALM												15.8	
	15.7	25.7	28.5	13.0	1.5							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 759

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 74051 STATION NAME WOODBRIDGE RAF UK YEARS 74-75, 77-83
MONTH FEB
CLASS ALL WEATHERED
HOURS (LST) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.2	1.3	.3								5.4	5.2
NNE	.5	1.4	1.4	.5	.1	.7						2.2	7.2
NE	.3	1.5	1.8	1.6	.2	.7						6.2	8.8
ENE	.5	1.5	2.7	2.5	.6	.7						7.1	10.7
E	.6	1.7	2.6	1.2	.3	.7						6.8	8.3
ESE	1.1	1.3	1.7	.4								4.5	6.2
SE	1.1	1.7	1.7	.2								1.3	5.5
SSE	.7	1.2	.9	.1								2.9	5.9
S	1.9	3.7	2.5	1.0	.2							8.6	6.7
SSW	1.3	1.9	3.6	1.7	.1	.7						7.9	7.3
SW	1.0	1.7	1.9	.7	.1							5.4	6.9
WSW	.6	1.8	2.0	.7	.3	.0	.0	.0				5.6	8.3
W	.5	1.1	2.1	2.2	.4	.1	.0	.0	.0			6.4	10.2
WNW	.5	1.5	1.3	.6	.7							3.8	7.3
NW	.4	1.1	.8	.4	.7							2.8	6.7
NNW	.7	.6	.7	.2								2.2	5.7
VARBL		.2	3.6	1.0	.2	.1						4.9	10.3
CALM												12.1	
	14.2	25.1	31.1	14.5	2.5	.4	.1	.1	.0			100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 5877

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 35951 STATION NAME WOODBRIDGE RAF UK YEARS 74-83 MAP NORTH
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	2.1	.8	.4								5.1	5.2
NNE	.3	.9	1.5	.5								3.2	7.6
NE	.3	.4	2.4	.4								3.5	6.3
ENE	.3	.7	.7	.7	.5	.7						3.1	11.2
E	.4	1.1	.8	.2								2.4	6.2
ESE		1.1	.4	.1								1.6	6.4
SE	.3	.3	.1	.1								.8	6.2
SSE	.5	.5	.1		.1							1.3	5.1
S	1.9	3.2	1.5	.4								7.1	5.5
SSW	1.9	2.6	3.9	1.9	.1							10.3	7.7
SW	2.7	5.2	5.9	2.1								15.2	7.1
WSW	2.7	.9	2.1	2.7	1.1							8.9	9.5
W	.9	2.7	3.9	2.1	.9	.5						10.5	10.1
WNW	.4	1.9	.7	1.1	.3							4.3	8.2
NW	.7	2.4	1.5			.3						4.8	6.8
NNW	.9	2.1	.4			.1						3.5	5.7
VARBL		.1	.5	.4	.5							1.6	12.9
CALM												12.9	
	14.2	27.4	27.4	13.3	3.6	1.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 745

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

175051
STATION

WOODBRIDGE RAF UK
STATION NAME

74-75-76-83
YEARS

MAR
MONTHS

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	2.6	1.7	.4								5.3	6.0
NNE	.1	1.1	1.7	.6								3.9	7.9
NE	.3	1.2	1.8		.1	.3						3.5	8.9
ENE	.1	.6	.8	.6	.1	.1						2.4	9.8
E	.8	1.1	.7	.1								2.8	5.8
ESE	.9	.6	.3									1.7	4.3
SE	.5	.3	.3									.8	5.9
SSE	.6	1.1	.3		.1							1.9	5.4
S	1.7	3.9	1.4	.7	.4							8.3	6.4
SSW	1.2	2.4	3.9	1.9	.4							9.8	8.5
SW	1.8	3.6	5.4	1.9	.1							12.9	7.4
WSW	1.5	2.6	2.1	3.5	.3	.1						10.3	8.8
W	1.4	2.5	3.5	2.2	.7							10.2	8.8
WNW	.7	2.6	1.2	.1								4.7	5.9
NW	.7	1.9	1.7	.3	.3							4.8	7.7
NNW	1.5	2.4	.1		.3							4.3	4.7
VARBL			.7	.4	.3							1.8	12.9
CALM												11.9	
	14.7	32.5	27.4	12.7	3.2	.6						170.3	6.4

TOTAL NUMBER OF OBSERVATIONS

723

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 175951 WOODBRIDGE RAF UK 74-83 MAC
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0600-0800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.1	1.6	.2								6.4	5.7
NNE	.1	.6	1.2	.2								2.2	7.5
NE	.1	.4	1.8	.9	.2							3.4	9.6
ENE	.1	.4	1.6	1.1	.5							3.7	11.2
E	.4	.9	.9	.4								2.4	7.3
ESE	.2	.7	.7									1.7	6.3
SE	.9	.4	.2									1.5	4.0
SSE	.2	.5	.2	.2								1.2	6.9
S	1.6	2.9	2.3	.7	.1							7.7	6.3
SSW	.9	2.3	3.7	1.5	.7	.1						9.2	8.7
SW	1.0	3.3	5.1	1.6	.1							11.1	7.8
WSW	1.5	1.7	3.1	2.7	.5							9.4	8.8
W	.9	2.8	3.3	3.2	.6							10.8	9.0
WNW	.5	2.0	1.7	.6	.4							5.1	7.8
NW	1.1	2.7	1.2	.1	.1							5.3	5.9
NNW	1.5	1.3	.6	.2	.1							3.8	5.2
VARBL		.1	2.7	1.5	.4							4.6	10.5
CALM												10.5	
	12.3	26.0	32.0	15.2	3.8	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 818

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 23951 WOODBRIDGE RAF UK 74-83 MAP
STATION NAME YEARS MONTHS
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.3	2.1	.7								6.1	6.8
NNE	.3	1.7	1.2	.7								3.1	8.5
NE	.1	.8	2.1	2.0	.2							5.2	10.2
ENE	.3		1.4	1.3	.3	.7						3.7	11.8
E	.1	.3	2.1	.7	.1							3.3	9.5
ESE		.6	.6	.1								1.2	6.9
SE		1.4	.8	.1								2.3	6.7
SSE	.3	1.3	.4	.1								2.2	6.7
S	.9	2.5	2.8	1.3	.3							7.9	7.8
SSW	.7	1.4	4.2	2.2	.3							8.9	9.1
SW	.3	1.9	4.3	2.8	.3							9.6	9.5
WSW	.2	.7	3.4	3.7	.3							8.3	10.7
W	.1	1.7	2.2	4.9	1.3	1.7	.1	.1				11.8	13.3
WNW	.3	.9	1.2	1.7	.7							4.8	11.0
NW	.1	1.3	1.4	.6	.1							3.5	8.1
NNW	.2	2.3	2.4		.2							5.2	7.1
VARBL			6.7	3.5	.6	.2						11.7	11.2
CALM												2.3	
	4.9	20.5	39.5	26.3	4.9	1.4	.1	.1				100.1	9.5

TOTAL NUMBER OF OBSERVATIONS 902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 035951 STATION NAME WOODSPIDGE RAF UK YEARS 74-83 MAP MONTHS 1229-1400
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.3	3.5	.8								6.8	7.8
NNE	.1	.8	1.7	.4	.1							3.1	8.7
NE	.2	.2	1.8	2.1	.1							4.4	10.7
ENE	.1	.4	1.7	2.1	.6							4.2	11.5
E	.4	1.1	2.5	.3	.3							4.8	8.2
ESE	.2	.6	.9									1.7	6.5
SE	.2	.6	.9	.1								1.8	6.6
SSE	.2	1.1	1.1	.2								2.7	6.6
S	1.1	2.9	3.3	1.4	.2							9.0	7.5
SSW	.3	1.6	3.2	1.8								6.9	8.9
SW	.2	.4	2.5	2.3	.2		.1					5.9	11.0
WSW		.8	1.6	3.5	.9	.1						6.9	12.7
W		.9	2.3	5.0	2.5	1.2	.1	.1				12.2	14.4
WNW	.2	.2	1.8	1.3	1.1	.1						4.8	12.1
NW	.2	1.7	1.3	1.0	.3	.1						4.7	9.5
NNW	.1	1.7	1.6	.4		.1						3.2	8.0
VARBL	.1	.3	9.3	6.1	.9	.2						17.3	10.8
CALM												.4	
	4.0	16.9	42.4	29.0	7.3	1.7	.2	.1				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 75951 STATION NAME 000BRIDGE RAF UK YEARS 74-83 MONTH MAR
CLASS ALL WEATHERED 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	3.4	3.0	.8								7.7	7.0
NNE		1.6	1.8	1.4								4.3	9.7
NE		.3	2.0	2.1	.1							4.4	15.7
ENE	.3	.4	1.7	1.4	.4							4.3	12.5
E	.8	1.8	1.8	.3								4.7	6.5
ESE	.9	1.1	.4	.3								2.3	5.3
SE	.9	1.2	.8									2.9	5.0
SSE	1.7	2.4	.2									3.7	4.5
S	1.2	4.4	2.8	1.0	.1							9.5	6.5
SSW	.2	1.3	2.7	1.7	.7							6.0	9.3
SW	.3	.6	2.1	2.4	.4							5.5	10.5
WSW	.2	.6	1.0	3.7	.9							6.3	12.3
W		1.7	2.8	5.1	2.8	.6	.3					12.5	14.2
WNW	.8	.7	.8	1.4	.4							4.3	9.6
NW	.3	1.6	.4	.7	.3							3.3	8.4
NNW	.1	.8	1.6	.4								2.9	7.6
VARBL		.2	7.1	4.3	.7	.1						12.4	10.6
CALM												1.6	
	7.5	23.3	32.9	27.2	6.3	.7	.3					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 035951 STATION NAME WOODBRIDGE RAF UK YEARS 79-83
CLASS ALL WEATHER
CONDITION
MAP NORTH
1800-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.9	2.3	.2								6.4	6.7
NNE	.3	1.8	3.0	.7	.2							6.1	7.9
NE	.2	.7	2.1	2.0								5.3	9.6
ENE	.3	.3	1.6	.6	.1							2.9	8.6
E	1.2	1.3	1.7	.7								4.9	6.8
ESE	.8	.3	.4	.1								1.7	5.1
SE	1.1	1.3	.1	.3								2.9	4.9
SSE	1.0	.8	.4	.1								2.3	4.7
S	2.1	4.2	1.7	.3								8.7	5.3
SSW	1.0	2.9	3.0	1.6	.1							9.5	7.7
SW	.4	2.2	3.8	2.0								9.4	8.5
WSW	.4	.9	4.0	3.0	.1							9.6	9.9
W	.1	1.4	2.5	3.5	.8	.3						8.6	11.2
WNW	.9	1.2	.3	.8	.1	.1						3.4	6.9
NW	.6	.6	.1	.1		.1						1.4	6.2
NNW	.8	1.7	.7	.1								3.2	5.2
VARBL			3.5	1.6	.1	.2						5.4	10.7
CALM												11.9	
	12.3	24.5	31.5	17.6	1.6	.7						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13951 STATION NAME WOODBRIDGE RAF UK YEARS 74-83
CLASS ALL WEATHER HOURS (LST) 122-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.3	1.8	.3								6.2	5.8
NNE	.3	1.6	1.7	.6								4.2	7.1
NE	.1	.7	1.4	1.2								4.1	8.9
ENE	.7	.3	.9	1.0	.1	.1						2.7	9.9
E	.2	1.5	1.6	.1								3.4	7.3
ESE	.2	1.7	.3	.1								1.7	5.7
SE	.6	1.1	.5									2.1	5.2
SSE	.7	.2	.5									1.4	4.4
S	1.6	2.7	2.4	.2								6.2	5.7
SSW	1.9	3.6	2.4	1.4	.1							9.4	6.8
SW	.9	3.3	5.1	2.7	.1							11.3	7.8
WSW	1.7	1.9	3.3	2.5	.6							9.9	8.1
W	.7	1.5	1.9	3.3	.7	.3						8.4	10.8
WNW	.9	.9	1.1	.3	.1							3.4	6.9
NW	.6	.9	.3			.2	.1					2.1	7.1
NNW	1.4	2.7	.1									3.5	4.0
VARBL		.2	2.4	2.4	.2	.1						5.3	11.3
CALM												14.8	
	13.7	25.1	28.1	15.5	1.9	.8	.1					100.3	6.6

TOTAL NUMBER OF OBSERVATIONS 885

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/PAC

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

SURFACE WINDS

STATION 12951 WOODBRIDGE RAF UK 74-83 MAR
STATION NAME YEARS MONTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	2.2	.5								8.3	6.4
NNE	.2	1.2	1.7	.6	.7							3.8	8.1
NE	.2	.5	2.7	1.4	.1	.7						4.2	9.7
ENE	.7	.4	1.2	1.1	.7	.1						3.4	10.7
E	.5	1.1	1.5	.4	.1							3.6	7.3
ESE	.4	.7	.5	.1								1.8	5.7
SE	.5	.9	.5	.1								1.9	5.9
SSE	.6	1.2	.4	.1	.7							2.1	5.4
S	1.5	3.3	2.3	.8	.1							8.0	6.4
SSW	1.0	2.2	3.3	1.7	.2	.7						8.5	8.3
SW	.8	2.4	4.2	2.7	.2		.7					9.8	8.4
WSW	.9	1.2	2.6	3.2	.6	.7						8.5	10.2
W	.5	1.7	2.8	3.7	1.3	.5	.1	.7				12.6	11.8
WNW	.6	1.2	1.1	.9	.4	.7						4.3	8.7
NW	.5	1.6	1.7	.4	.1	.1	.5					3.7	7.9
NNW	.8	1.7	1.7	.2	.1	.7						3.7	6.0
VARBL	.7	.1	4.3	2.6	.5	.1						7.7	10.9
CALM												8.7	
	10.2	24.0	32.6	20.0	4.1	.9	.1	.0				100.7	7.9

TOTAL NUMBER OF OBSERVATIONS 6778

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

34951 4000000000 RAF UK 74-83 APR 1974
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 0000-2500 HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	7.1	3.5	.9								14.1	5.7
NNE	1.1	3.2	3.3	.5								5.2	6.4
NE	.5	1.8	1.7	1.9	.1							6.1	8.4
ENE	1.7	.9	.9	.1								2.8	5.3
E	1.7	1.3	.6	.3								3.4	5.2
ESE	.4	.6	.5									1.5	5.4
SE	.1	.9	.1									1.1	4.9
SSE	.3	.9	.1									1.1	5.5
S	1.7	1.9	.3									3.2	4.2
SSW	1.3	2.4	.4	.3								4.3	4.9
SW	.3	1.6	1.4	.1								3.9	5.7
WSW	1.7	1.4	1.3									3.9	5.1
W	.5	3.7	2.7	1.7								6.6	6.8
WNW	1.4	2.9	1.6	.4	.1							6.8	5.8
NW	1.4	3.7	1.7									5.4	4.8
NNW	3.3	3.8	1.7	.1	.1							8.6	4.7
VARB			1.3	.9								2.1	10.9
CALM												17.0	
	18.5	36.4	21.2	6.4	.4							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 793

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 175951 STATION NAME 00055 RIDGE RAF JK YEARS 74-83 MONTH APR
CLASS ALL WEATHER HOURS (LST) 0600-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	4.3	5.7	3.9	1.7	.1							3.2
NNE	1.3	2.0	3.9	.9	.2							2.1
NE	.5	.7	2.3	2.8	.1							2.6
ENE	.5	.7	.7	.8								2.3
E	.5	1.5	.9	.2								1.2
ESE	.7	.8	.6									1.1
SE	.7	1.7	.5									1.2
SSE	.6	1.7	.1	.2								1.1
S	1.2	1.5	.4	.1								1.1
SSW	.5	2.3	.9	.2								1.9
SW	.5	1.5	2.3	.3								4.2
WSW	.6	2.4	1.7	.2								5.1
W	.7	1.2	3.7	2.2	.1							7.4
WNW	.3	1.8	1.7	1.2	.1							5.7
NW	.9	4.7	2.7	.1								7.7
NNW	2.5	2.8	2.1									7.4
VARBL			2.0	1.2								3.9
CALM												7.4
	16.6	31.2	30.3	11.5	.6							100.0

TOTAL NUMBER OF OBSERVATIONS 866

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VMAO

SURFACE WINDS

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

STATION 17-951 WOODBRIDGE RAF UK STATION NAME 74-83 YEARS 200 MONTH 200-1100 HOURS (LST) ALL WEATHER CLASS CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.3	4.7	2.4								11.8	7.4
NNE	.2	1.3	3.8	2.5	.1							9.1	3.9
NE	.1	1.9	1.7	3.1	.4							2.2	1.3
ENE	.3	1.2	1.3	1.9	.2							2.2	2.3
E	.4	2.1	1.2	.7								4.2	6.3
ESE	.1	1.6	.6	.2								2.4	6.2
SE	.2	1.4	.7	.1								2.4	6.1
SSE	.0	1.3	.9									4.2	5.4
S	.2	2.3	.9	.1								4.2	5.4
SSW	.4	1.6	1.4	.3								3.2	6.8
SW	.6	1.2	1.8	1.4								4.8	8.4
WSW	.7	1.2	1.3	.9	.1							4.2	7.7
W	.2	1.4	3.1	2.1	.8	.2	.1					8.2	12.9
WNW	.1	.9	1.1	1.6	.1							3.8	4.7
NW	.2	.9	2.1	.6								3.8	8.1
NNW	.3	1.9	4.0	.8								7.2	7.8
VARBL			9.2	3.6								12.8	9.9
CALM												2.8	
	7.7	25.4	39.7	22.8	1.8	.2	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION WOODBRIDGE RAF UK STATION NAME 74-67 YEARS 1951 DATE 1100-1400
CLASS ALL WEATHER NO. OF OBS. 898
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.3	1.1	2.4								11.2	3.1
NNE	.4	1.7	2.3	2.8	.6							7.3	1.0
NE	.1	1.1	1.3	3.2	.6							6.2	1.1
ENE	.1	.9	1.9	1.4	.1							4.5	2.5
E	.7	2.4	2.1	1.0								5.9	7.3
ESE	.4	1.9	1.1	.1								2.4	6.2
SE	.1	1.2	.4	.3								2.4	6.2
SSE	.2	2.3	.3	.2								3.2	5.2
S	.2	2.9	2.1	.6								1.3	6.2
SSW	.1	1.1	1.3	.2								4.7	6.2
SW	.7	.7	.8	.8								1.2	9.5
WSW	.1	.7	2.4	1.1	.4							4.2	9.5
W	.1	.7	2.4	3.7	.4							6.3	11.2
WNW	.1	.7	1.9	1.7	.1							4.2	10.2
NW	.1	1.1	1.3	.6								3.9	7.4
NNW	.1	1.1	1.3	1.1	.1							5.1	8.3
VARBL	.1	.7	1.6	2.4	.4							16.5	10.0
A.M.												.8	
												100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 03951 WOODSPIDGE RAF UK STATION NAME 74-87 YEARS APR
CLASS ALL WEATHER HOURS 1500-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.6	5.6	2.0	.2							11.6	8.7
NNE	.2	1.6	3.2	3.0	.1							8.1	9.8
NE		1.2	2.7	4.0	.1							9.1	10.8
ENE	.2	1.8	3.1	1.8	.1							7.7	8.8
E	.7	1.8	2.0	.0								6.2	7.4
ESE	2.6	3.7	.2									5.3	3.8
SE	1.7	2.3	.6	.2								4.1	5.3
SSE	1.7	1.9	.3									3.2	4.3
S	1.1	3.6	2.2	.3								7.2	5.9
SSW	.4	.4	1.2	.2								2.3	7.7
SW		.6	.8	1.7								2.3	9.9
WSW	.1	.4	2.6	1.2	.3							4.7	10.1
W	.1	.8	3.2	2.2	.4	.1						6.9	10.5
WNW	.3	.6	1.1	1.1								3.1	9.3
NW	.3	.7	.8	.3								2.1	7.2
NNW	.2	1.3	1.9	1.2								4.7	8.4
VARBL		.1	6.7	4.7	.6							11.3	10.7
CALM												.7	
	9.3	24.6	39.0	24.4	1.9	.1						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 135951 STATION NAME 00080106 RAF UK YEARS 74-87 MONTHS APR
CLASS ALL WEATHER HOURS 1900-2400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	5.9	5.2	1.7								14.4	6.9
NNE	.7	2.5	4.6	1.7								5.7	7.8
NE	.7	1.7	4.9	2.3	.2							9.2	9.3
ENE	.3	1.7	2.2	.4								4.4	7.2
E	2.8	1.2	.7	.8								5.4	5.0
ESE	2.4	1.1	.1	.1								3.3	3.3
SE	1.7	.9	.1									2.2	3.3
SSE	2.2	1.1	.4									3.3	3.6
S	2.2	2.1	.6									4.9	4.3
SSW	1.2	1.2	.8	.3								3.4	5.4
SW	.2	1.7	1.4	.3								3.7	7.2
WSW	.7	.8	2.7	.3	.1							3.9	7.9
W	.3	1.6	2.2	1.4	.2	.1						5.9	9.3
WNW	1.7	1.7	.7	.6								3.2	6.2
NW	.4	.2	.2									.9	4.9
NNW	1.1	1.4	1.2	.2								4.0	5.7
VARBL		.1	2.9	1.6								4.4	10.3
CALM												11.7	
	22.4	25.6	30.0	11.7	.6	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 75951 WOODBRIDGE RAF UK STATION NAME 74-83 YEARS APR
CLASS ALL WEATHER MONTHS 2170-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	5.6	3.9	.7								13.5	5.6
NNE	.6	2.9	3.9	.8								8.2	7.1
NE	.6	1.5	3.7	2.3	.1							8.2	8.7
ENE	.4	.9	1.7	.9								3.2	8.3
E	1.5	1.1	1.1	.7								4.4	6.2
ESE	.9	.6	.3									1.8	3.9
SE	1.7	.2	.1									1.3	2.3
SSE	1.3	.4	.4									2.2	4.2
S	2.2	1.8	.3	.1								4.5	3.8
SSW	1.1	1.7	1.7									3.8	5.1
SW	1.3	1.9	1.6	.7								5.5	6.0
WSW	1.0	2.7	2.1	.6								5.7	6.5
W	.9	1.3	2.5	1.6								6.3	7.8
WNW	.6	1.1	1.5	.6								3.7	6.6
NW	1.2	2.7	.3									3.6	4.4
NNW	1.7	2.7	1.5									4.8	5.0
VARBL			1.6	.4								2.0	9.6
CALM												17.4	
	19.3	27.0	26.8	9.3	.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 895

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 035951 STATION NAME WOODBRIDGE RAF UK YEARS 74-83 MONTH APR
CLASS ALL HOURS (LST) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	4.9	4.4	1.6	.2							13.1	6.7
NNE	.3	2.2	3.6	1.7	.1							8.5	8.7
NE	.4	1.5	2.8	2.9	.7							7.7	9.6
ENE	.5	.9	1.5	1.7	.1							3.9	8.4
E	1.1	1.6	1.3	.6								4.6	6.5
ESE	1.1	1.3	.5	.1								2.9	4.6
SE	.2	1.1	.4	.1								2.3	4.7
SSE	1.1	1.2	.4	.1								2.7	4.6
S	1.4	2.2	.9	.2								4.6	5.2
SSW	.3	1.6	1.7	.3								3.7	6.0
SW	.6	1.5	1.4	.6								4.1	7.0
WSW	.6	1.2	1.8	.6	.1							4.3	7.5
W	.5	1.4	2.7	1.8	.3	.1	.7					6.7	9.1
WNW	.7	1.3	1.4	.9	.1							4.5	7.6
NW	.9	1.8	1.1	.2								4.2	6.0
NNW	1.5	2.3	1.9	.5	.7							6.2	6.3
VARBL	.2	.1	4.5	2.3	.1							6.9	10.1
CALM												9.4	
	14.6	27.9	31.6	15.3	1.1	.1	.7					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 6988

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 035051 WOODBRIDGE RAF UK STATION NAME 74-76.78-83 YEARS MAY
ALL WEATHER 0000-0200
 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	3.6	2.5	.4								9.2	5.4
NNE	1.9	1.9	1.6	1.1								6.5	6.3
NE	.6	1.2	1.1	.5								3.4	6.9
ENE	.7	2.7	.2	.8	.1							4.3	6.9
E	1.6	1.6	2.9	.6								6.6	6.6
ESE	.6	.7	.1									1.4	3.9
SE	.7											.7	2.2
SSE	1.1	.2	.2									1.6	3.3
S	3.2	1.7	1.4									6.4	4.3
SSW	2.3	4.7	1.4	.4								8.3	5.2
SW	1.8	3.7	2.9	.4								9.8	5.9
WSW	1.4	1.2	3.7	.4								6.2	6.5
W	.9	2.7	3.4	.7								7.3	7.2
WNW	1.4	1.4	.5									3.4	4.2
NW	1.0	1.3	.5									2.8	4.5
NNW	.6	1.3	.8	.1								2.9	5.6
VARBL		.1	1.3	.4								1.8	9.1
CALM												19.8	
	22.5	28.1	23.9	5.6	.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 834

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 035951 STATION NAME WOODBRIDGE RAF UK YEAR 74-76-78-80 DAY MONTH 0300-0500 HOURS (LST)

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	4.4	3.4	.1								9.7	5.8
NNE	1.1	2.4	1.1	.7								5.3	6.7
NE	.1	.5	1.7	.5								2.3	8.3
ENE	1.3	1.2	.4	.7								3.6	6.7
E	1.4	2.8	2.4	.2								6.8	6.1
ESE	1.1	.2	.5									1.8	3.7
SE	.2	.1										.4	2.3
SSE	.8	.2										1.1	2.8
S	2.5	1.7	.8	.2								4.6	4.1
SSW	1.3	2.6	2.2	.4								6.5	5.9
SW	1.8	3.5	2.3	.1								7.7	5.7
WSW	1.7	3.2	1.9	.5								7.3	5.8
W	.8	1.7	3.1	.8								6.5	7.4
WNW	1.1	2.6	.8									4.6	4.8
NW	.6	1.4	1.3	.2								3.5	5.8
NNW	.7	1.9	1.1	.1								3.8	5.7
VARBL			1.3	.2								1.2	9.9
CALM												72.9	
	18.5	29.9	23.9	4.9								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 834

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 075951 STATION NAME WOODBRIDGE PAF UK YEARS 74-83 MONTH MAY
CLASS ALL WEATHER HOURS (LST) 3600-0000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.8	4.7	.4								7.2	7.3
NNE	.7	2.2	2.2	1.7								6.8	7.8
NE	.2	1.7	2.3	2.1	.1							5.3	9.3
ENE	.4	2.0	.4	1.2	.7							4.4	8.1
E	1.2	3.7	2.3	1.7								7.6	6.5
ESE	.8	.7	.4									5.2	4.7
SE	1.2	.9	.2									5.8	3.3
SSE	.9	1.7	.1									5.2	4.1
S	.8	2.5	.9									4.1	5.1
SSW	1.6	3.7	2.6	.9								8.2	6.3
SW	.7	2.6	3.3	.9								7.5	7.3
WSW	.8	1.6	2.1	.8								5.2	7.0
W	1.1	1.9	3.6	2.0								6.5	8.1
WNW	.3	1.6	2.1	.1								4.1	6.8
NW	1.0	2.7	1.2	.1								5.2	5.6
NNW	.7	1.2	1.9	.8								4.6	7.0
VARBL			5.2	1.5	.1							6.8	9.6
CALM												6.4	
	13.4	30.5	35.8	13.5	.4							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
APO WEATHER SERVICE/HAC

SURFACE WINDS

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

STATION 17651 WOODBRIDGE RAF UK 74-83 MAY
STATION NAME YEARS MONTH
CLASS ALL WEATHER 0900-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.2	3.7	1.0								6.2	8.5
NNE	.3	1.4	1.7	1.2	.1							4.8	8.3
NE	.3	1.2	2.9	2.8	.2							7.3	10.0
ENE	.2	1.1	1.5	1.8	.1							4.8	9.5
E	.6	2.8	2.9	1.3								7.7	7.5
ESE	.5	.9	.9	.3								2.6	6.3
SE	.5	1.1	.3	.1								2.1	5.3
SSE	.4	2.2	.2									2.3	5.3
S	.5	3.5	2.4	.2								6.6	6.3
SSW	.5	2.2	2.4	1.7	.2							6.3	7.8
SW	.2	1.7	1.9	1.7								5.6	8.7
WSW	.4	1.7	1.5	1.5	.1							4.5	8.9
W	.4	1.5	2.6	2.4	.1							7.7	9.3
WNW	.3	.8	1.3	.8								2.8	8.6
NW	.2	1.7	1.5	.3								3.0	7.5
NNW	.2	1.2	1.5	1.1								4.2	8.4
VARBL		.1	12.8	6.8	.9							20.6	10.3
CALM												1.4	
	6.2	24.4	42.0	24.4	1.7							100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 35951 WOODBRIDGE RAF UK STATION NAME 74-87 YEARS MAY MONTH 1200-1400 HOURS (LST) CLASS ALL WEATHER CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	2.2	1.3								5.2	8.5
NNE	.1	.4	1.4	1.4								3.4	9.3
NE		.3	1.8	3.6	.5							6.3	12.7
ENE		.4	2.7	2.4	.2							5.7	11.7
E	.4	2.6	4.4	1.7	.1							9.3	8.5
ESE		2.1	.5	.1								2.7	5.7
SE	.4	1.1	.2									1.7	4.6
SSE	.6	2.4	.6	.1								3.2	5.4
S	1.1	3.5	3.6	.6								9.8	6.7
SSW	.3	.5	3.7	.9	.1							5.0	8.8
SW	.1	.6	1.2	1.9	.2							4.1	10.7
WSW		1.3	1.6	1.3	.3							4.5	9.8
W		1.2	2.3	1.4								4.9	9.3
WNW		.4	1.1	.4								1.7	8.8
NW	.1	.5	1.3	.4	.1							2.5	9.3
NNW	.1	.5	1.1	.8								2.5	9.0
VARBL		.1	16.6	9.4	.9							26.3	10.3
CALM												1.1	
	3.8	19.3	45.7	27.8	2.4							100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 324

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 17051 00081000 RAF UK 74-83 YEARS MAY
STATION NAME NORTH
ALL WEATHER CLASS 1500-1700
CONDITION HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.5	3.7	1.2								5.2	8.0
NNE		.4	2.3	2.1								4.8	1.1
NE		.3	1.9	4.2	.3							7.1	11.6
ENE	.7	1.7	4.2	2.2								7.6	9.5
E	.9	2.2	2.7	1.7	.2							7.7	8.3
ESE	.9	1.6	.4	.1								2.2	5.1
SE	.5	1.9	1.7	.2								3.7	6.7
SSE	1.1	2.4	.3									3.3	4.5
S	1.5	5.1	3.7	.4								17.1	6.7
SSW	.7	1.4	2.1	.9	.2							4.3	8.3
SW	.4	.5	2.9	2.2	.4							6.5	12.1
WSW	.5	.7	1.8	1.7	.1							3.5	9.2
W		.8	2.2	1.3	.9							4.7	9.7
WNW	.1	.5	1.5	.2	.2							2.6	8.7
NW	.3	.2	.9	.2								1.6	7.2
NNW	.1	1.2	1.9	.4								3.7	7.3
VARBL			12.7	5.3	.8							13.7	10.2
CALM												.9	
	6.5	21.8	44.9	23.6	2.7							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 039951 STATION NAME WOORBRIDGE RAF UK YEARS 74-82 DAY MONTH

CLASS ALL WEATHER 1900-2400 HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.1	4.2	.1								3.2	6.3
NNE	.7	2.5	4.3	1.0	.1							9.2	8.5
NE	.7	1.6	3.7	1.0								7.5	8.9
ENE	1.3	2.9	2.1	2.4								6.7	7.6
E	2.2	2.3	1.2	.0								6.5	5.5
ESE	2.1	1.2	.5									3.3	3.8
SE	2.3	.5	.2	.1								1.1	3.3
SSE	1.5	1.2	.3	.1								2.2	4.3
S	2.8	6.6	1.2	.1								10.7	4.7
SSW	1.1	2.6	2.9	.5								7.1	6.7
SW	1.0	1.7	1.9	1.4	.5							5.8	8.9
WSW	.4	1.5	1.0	.6								4.5	7.5
W	.3	1.1	1.3	1.0								3.2	7.6
WNW	.8	.9	.9	.2	.2							2.2	6.8
NW	.3	.5	.1									1.2	4.3
NNW	.4	1.3	1.1	.1								2.9	6.1
VARBL			3.6	1.1								4.7	9.5
CALM												6.5	
	17.7	30.8	31.5	12.6	.9							122.0	6.4

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 35951 STATION NAME COONSBIDGE DAF JK YEARS 74-83 MONTH MAY
CLASS ALL WEATHER HOURS 2100-2300
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	4.2	4.2	.4								11.2	5.7
NNE	1.4	2.2	2.2	1.3	.1							7.1	7.1
NE	1.4	1.2	1.8	1.9								6.4	7.3
ENE	1.5	1.4	.6	1.1	.1							4.7	6.7
E	1.1	1.4	1.6	1.1								5.6	6.8
ESE	1.7	.3	.3									1.2	3.3
SE	1.7	.3	.2									1.2	3.5
SSE	1.5	.3	.3	.1								1.3	4.1
S	3.7	3.3	.2									6.6	3.8
SSW	1.5	4.5	2.4	.3								9.3	5.9
SW	1.7	3.6	2.9	.3								6.1	6.2
WSW	.6	2.2	1.7	.4								5.7	6.8
W	1.7	1.5	1.2	.9								4.3	6.7
WNW	1.7	.5	.6	.2								2.4	5.5
NW	1.2	.9	.2									2.3	3.5
NNW	1.7	1.1	.8									2.8	4.8
VARBL			1.4	.2								1.6	9.7
CALM												16.6	
	22.9	29.1	22.5	8.6	.2							100.7	5.7

TOTAL NUMBER OF OBSERVATIONS 927

SURFACE WINDS

75951	COMPTON RAE	74-2	24
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			ALL
CLASS			HOURS - C.E.T.
CONDITION			

[illegible]

TOTAL NUMBER OF OBSERVATIONS 197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 00081 WOODBRIDGE RAF UK 74-83 YEARS 1974
STATION NAME CLASS MONTH
ALL WEATHER
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	4.3	3.4									3.9
NNE	.6	2.7	1.6									1.2
NE	.7	1.2	2.7									1.1
ENE	.0	.6	1.7	.4								2.3
E	1.1	.7	1.2	.2								1.2
ESE	.4	.1										.3
SE	.2											.2
SSE	.0											.0
S	1.2	.4	.2									1.2
SSW	2.3	2.3	.9	.6								5.2
SW	2.6	4.9	1.7	.1								9.4
WSW	3.1	3.2	4.2	.5								12.3
W	1.1	4.3	3.1	1.1								9.5
WNW	1.5	1.5	1.2	.1								4.4
NW	.7	1.1	.1									2.2
NNW	2.6	1.6	.5									4.7
VARBL			.6	.1								.7
CALM												24.1
	22.3	28.8	21.7	3.2								100.0

TOTAL NUMBER OF OBSERVATIONS 817

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

09551 WOODBRIDGE RAF UK 74-83 JLN
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1322-2500
CONDITION HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.7	3.4									2.2	5.7
NNE	.7	2.2	1.4	.7								4.8	6.3
NE	.7	1.2	1.2	.5								3.8	6.4
ENE	1.2	.2	.6	.2								2.0	5.2
E	.2	.7	.6	.1								2.3	5.1
ESE	.6	.6	.2	.1								1.8	4.6
SE	.5											.5	2.8
SSE	.2	.2										.2	3.5
S	.7	.4										1.1	3.0
SSW	2.3	1.6	.9	.2								5.0	4.4
SW	2.6	5.7	2.7	.5								1.0	5.2
WSW	2.6	3.1	3.3	.7								7.7	5.9
W	3.7	3.2	4.4	.1								1.0	5.7
WNW	2.3	2.9	1.4	.4								6.9	4.9
NW	2.2	1.7	1.2									5.2	4.4
NNW	2.5	2.1										4.6	3.3
VARBL			.5									.5	8.3
CALM												19.0	
	25.2	31.2	21.4	3.2								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 812

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 135051 WOODBRIDGE RAF UK YEARS 74-83 MONTHS JAN
CLASS ALL WEATHER HOURS (LST) 2600-2800
CONDITION

SPEED (KNTS) DIR.	1 - 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	5.4	3.4	.2								1.0	5.9
NNE	1.4	1.8	2.9	.2								5.3	6.3
NE	.8	2.1	1.3	1.7	.1							5.3	7.4
ENE	.7	.8	1.5	.1								3.1	6.2
E	1.4	.9	.8	.5								3.4	5.3
ESE	.0	.7	.2									1.3	4.3
SE	1.5	.3										1.3	2.8
SSE	.9	.1	.1									1.7	3.3
S	.5	1.6	.3									2.4	4.9
SSW	1.1	1.5	1.4	.2								4.2	5.9
SW	1.3	3.6	2.6	.6								9.7	6.3
WSW	1.4	2.8	4.2	.7		.1						9.2	6.8
W	.7	3.7	5.5	2.9	.2							13.7	8.3
WNW	.9	1.6	2.4	1.1								2.1	7.4
NW	1.3	2.7	1.9	.3								6.4	5.8
NNW	1.6	2.5	1.5	.1								5.7	5.3
VARBL			3.4	.9	.1							4.3	9.9
CALM												6.8	
	17.8	32.1	33.9	9.8	.5	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 872

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

75051 00250105E RAF UK 74-67
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 000-1000
CONDITION HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.1	3.1	.2								6.2	5.7
NNE	.6	1.4	2.7	.3								5.7	7.2
NE	.6	1.2	1.2	1.4	.1							4.6	8.3
ENE	.7	1.4	1.0	1.7								4.6	7.6
E	1.1	1.1	1.4	.3								4.3	6.3
ESE	.3	1.2	.4									2.3	5.1
SE	1.7	1.4	.1									2.6	4.4
SSE	.7	1.4	.1									2.2	4.5
S	1.2	1.9	.9									4.0	4.9
SSW	.6	2.1	1.4	.3								4.5	6.4
SW	.2	1.8	3.7	1.0	.1							5.1	8.4
WSW	.1	2.8	3.9	1.7								7.8	7.9
W	.7	2.6	3.8	2.7	.4							17.1	9.1
WNW	.1	1.6	2.7	.8								4.5	7.9
NW	.4	1.3	1.7	.4								3.9	7.2
NNW	.6	1.2	1.4	.3								3.6	6.5
VARBL		.3	17.4	3.5	.6							71.7	9.3
CALM												2.6	
	9.1	27.1	46.6	13.4	1.2							172.0	7.5

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 13951 WOODBRIDGE RAF UK STATION NAME 74-83 YEARS 118
CLASS ALL WEATHER 1200-1400
CONDITION HOURLY (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.2	2.0	.6								5.3	6.7
NNE	.1	.9	2.3	.2								3.6	7.5
NE	.1	.9	2.0	1.2								4.2	8.8
ENE		1.6	1.4	1.4								4.5	8.8
E	.3	1.7	2.7	1.0								5.7	7.8
ESE	.7	1.2	.4									2.3	4.6
SE	1.2	2.3	.3									4.1	4.8
SSE	.3	2.3	.4									3.6	4.8
S	.4	2.6	2.2	.1								5.3	6.9
SSW	.2	1.7	2.2	1.0								5.1	7.8
SW		.6	2.6	.6								3.7	9.3
WSW	.2	1.4	3.1	1.6		.7						6.6	9.3
W	.4	.9	2.7	2.8	.1	.1						6.9	10.3
WNW	.2	1.7	1.9	1.2								4.3	9.3
NW	.2	.8	2.2	.1								3.3	7.6
NNW	.4	1.7	1.9	.4								3.7	7.5
VARBL			20.9	5.3	.3	.1						26.7	9.5
CALM												1.0	
	5.8	23.4	51.3	17.6	.4	.4						170.0	8.3

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

74951 STATION WOODBRIDGE RAF UK YEARS 74-83 MONTH JULY
STATION NAME CLASS ALL WEATHERED HOURS (LST) 1500-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.4	3.6	.4								6.3	7.5
NNE	.2	1.7	2.2	.1	.1							3.7	7.4
NE	.2	.2	2.0	2.2	.1							4.8	12.2
ENE	.9	1.4	2.0	1.6								5.9	7.8
E	.8	1.9	2.8	1.3								6.2	7.6
ESE	1.3	2.8	.4									4.6	4.9
SE	1.7	2.6	.2									3.3	4.4
SSE	1.7	2.8	.2									4.7	4.1
S	.8	4.5	2.6									7.8	5.8
SSW	.6	2.7	2.7	.7								5.9	7.2
SW	.7	1.0	3.2	1.1								5.6	8.7
WSW	.1	.7	2.0	1.3	.1							4.2	9.7
W	.1	.8	3.2	2.6	.2	.1						7.2	10.4
WNW	.2	.9	1.6	1.0	.1							3.8	9.1
NW	.1	.6	1.1	.4								2.2	8.3
NNW	.4	1.7	1.3									2.8	6.4
VARBL		.4	13.5	4.9	.4	.1						19.4	9.8
CALM												.3	
	9.0	26.9	44.7	17.7	1.1	.2						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 698

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 135951 WOODBRIDGE RAF UK STATION NAME 74-83 YEARS 1974-1975 MONTHS 1800-2000 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.9	3.6	.7								10.1	6.3
NNE	.7	2.1	3.2	.6								6.6	7.1
NE	.2	1.9	3.1	1.8								6.9	8.9
ENE	1.2	2.3	1.9	.6								5.9	6.3
E	2.6	3.7	1.3									7.6	4.3
ESE	1.6	1.7	.2									3.5	3.9
SE	2.3	.6										2.8	2.6
SSE	1.2	.9	.2									2.3	3.2
S	4.1	4.5	.8	.1								9.5	4.7
SSW	1.7	3.7	1.3	.4								6.5	5.8
SW	1.1	3.3	3.7	.8								8.2	6.6
WSW	.4	1.1	2.6	1.1								5.2	8.3
W	.6	1.4	2.8	2.7		.1						6.9	8.3
WNW	.7	1.7	1.2	.7								3.6	7.3
NW	.4	.7	.4	.1								1.7	5.6
NNW	.4	1.3	.3									2.1	5.8
VARBL			3.9	.8								4.7	9.2
CALM												6.0	
	22.4	34.7	29.9	9.6		.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 35951 STATION NAME WOODBRIDGE RAF UK YEARS 74-67 MONTHS JAN 1970-2300 HOURS (LST)

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	2.2	4.4	3.3									11.2	5.3
NNE	.8	2.4	2.2	.2								5.7	5.9
NE	.9	1.6	2.4	.2								5.1	6.6
ENE	1.7	1.3	.3	.9								3.8	6.1
E	1.7	.6	.8									3.3	4.1
ESE	1.7	.6										2.2	2.9
SE	1.4	.3										1.9	2.4
SSE	.3	.1										.9	2.3
S	3.1	1.9	.2									5.2	3.3
SSW	3.2	2.7	1.4	.2								7.6	4.7
SW	3.2	6.1	1.6	.6								11.5	5.0
WSW	1.3	1.9	2.9	.6								6.7	6.6
W	.7	1.7	2.1	.9								5.3	7.3
WNW	.7	1.4	1.6	.1								3.8	5.8
NW	1.7	.8	.2									2.7	3.3
NNW	1.4	1.2	.6									3.2	4.2
VARBL			1.2	.2								1.4	8.9
CALM												20.1	
	26.0	29.0	20.9	3.9								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 75951 STATION NAME 0005PIDGE RAF UK YEARS 74-83 MONTH ALL
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.7	3.2	.3								2.5	6.1
NNE	.6	1.7	2.3	.3	.7							3.1	6.6
NE	.6	1.3	1.9	1.1	.7							4.3	7.8
ENE	.8	1.3	1.3	.8								4.2	6.9
E	1.2	1.4	1.5	.4								4.8	6.3
ESE	.7	1.1	.3	.7								2.4	4.1
SE	1.1	1.7	.1									2.2	3.8
SSE	.9	1.7	.1									2.7	3.9
S	1.5	2.3	.9	.7								4.8	4.7
SSW	1.4	2.7	1.5	.5								5.6	5.9
SW	1.4	3.3	2.5	.7	.7							7.9	6.3
WSW	1.1	2.1	3.3	.9	.7	.7						7.5	7.3
W	.9	2.3	3.4	1.9	.1	.7						3.7	8.2
WNW	.8	1.5	1.7	.7	.7							4.5	7.7
NW	.9	1.2	1.1	.2								3.4	5.8
NNW	1.2	1.5	.9	.1								3.3	5.1
VARBL		.1	7.9	2.7	.2	.7						10.3	9.5
CALM												9.7	
	16.8	29.7	34.1	9.8	.4	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 6985

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION
035051

STATION NAME
WOODBRIDGE RAF UK

74-83

YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-0000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.6	.7									0.3	4.4
NNE	1.4	2.0	.9									4.4	4.9
NE	.2	1.4	1.4	.7								3.8	7.4
ENE	.6	.6	.9	.4								2.4	6.8
E	1.1	1.1	.1									2.2	3.4
ESE	.5	.2	.1									.8	3.9
SE	.7	.1										.8	2.3
SSE	.4											.4	2.0
S	1.7	.4										0.9	2.7
SSW	1.7	2.2	.9	.2								5.1	4.9
SW	3.0	4.4	2.5	.5								10.3	5.3
WSW	3.1	3.1	3.1	1.1								10.3	6.1
W	1.3	4.1	4.7	.5								10.7	6.4
WNW	1.5	2.4	2.7	.1								6.7	5.6
NW	1.4	1.7	1.4	.1								4.6	5.4
NNW	2.2	.9	.5									3.7	3.8
VARBL			.2	.2								.5	9.8
CALM												25.1	
	22.7	28.2	20.2	3.8								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

845

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 130251 WOODBRIDGE RAF MK STATION NAME 74-57 YEARS 1941
CLASS ALL WEATHER HOURS (LST) 0300-0500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	4.2	.6									8.2	4.2
NNE	1.2	1.3	1.3									4.2	5.2
NE	.5	.9	.9	.4								2.2	6.4
ENE	.4	.4	1.1	.5								2.2	7.8
E	.9	.7	.2	.2								1.9	5.2
ESE	.1											.2	2.2
SE	.5											.5	1.8
SSE	.9	.2	.1									1.2	2.8
S	1.8	.6	.1									2.2	3.2
SSW	2.7	1.2	1.5	.1								4.2	5.2
SW	2.5	3.8	2.7	.1								9.2	5.2
WSW	3.1	4.1	3.1	.6								10.2	5.8
W	1.9	3.1	6.1	.7								11.2	6.2
WNW	2.3	3.3	2.5									8.2	5.2
NW	2.1	3.5	1.1	.6								7.2	4.8
NNW	1.5	1.3	.6	.1								3.2	4.8
VARBL			.4									.4	8.2
CALM												70.2	
	25.5	28.8	22.2	3.3								100.2	4.2

TOTAL NUMBER OF OBSERVATIONS 852

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 20951 STATION NAME WOODBRIDGE RAF UK YEARS 74-83 MONTHS JUL
CLASS ALL WEATHER HOURS 620-7800
CONDITION

SPEED (KNTS) DIR	1 - 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	5.1	2.3	.1								2.2
NNE	1.1	2.0	1.3									1.3
NE	1.1	1.7	1.7	.9								1.3
ENE	1.1	1.1	1.1	.7	.2							1.2
E	2.1	.7	1.2	.1								1.2
ESE	.6	.1	.3									.2
SE	.2											.2
SSE	.4	.1										.3
S	1.7	1.4		.1								1.5
SSW	1.5	1.1	1.4	.4								1.5
SW	1.7	2.4	3.9	1.2								2.5
WSW	1.1	3.5	3.5	.4	.2							2.7
W	2.7	2.7	5.7	2.1	.2							3.5
WNW	.9	1.5	3.9	.1								1.9
NW	1.7	3.5	3.3	.3								2.2
NNW	1.9	1.5	1.4	.1								1.9
VARBL	.7		5.2	1.4	.1							2.3
CALM												7.4
	18.8	29.4	35.6	8.1	.7							10.0

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAO

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

SURFACE WINDS

STATION 75951 STATION NAME ADDONIOUS BAF NY YEARS 74-83 MONTHS JUNE
CLASS ALL WEATHER HOURS (LST) 0900-1800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.2	2.5	.5								6.8	7.3
NNE	.4	1.2	2.2	.3								4.1	7.1
NE	.7	1.4	2.7	1.4								2.8	7.1
ENE	.3	1.7	1.6	1.6	.4							5.6	8.9
E	1.4	2.2	1.7	.5								2.1	5.9
ESE	1.3	1.2	.3									2.1	4.2
SE	.5	1.1										1.2	3.3
SSE	.5	1.1										1.4	4.1
S	.5	1.4	.1	.2								2.2	5.2
SSW	.5	1.6	1.5	.9								4.2	7.1
SW	.2	2.4	3.4	1.2								2.1	7.9
WSW	.0	1.3	3.2	1.5								6.1	8.1
W	.2	1.3	4.3	2.3	.1	.3						8.6	9.1
WNW	.1	1.2	2.7	.8								2.5	7.2
NW	.2	2.3	2.8	.3								2.1	6.2
NNW	.2	1.1	1.6									2.1	7.1
VARBL			14.7	5.8	.2							22.3	9.8
CALM												1.2	
	9.9	25.5	44.2	17.4	.2	.3						100.1	7.7

TOTAL NUMBER OF OBSERVATIONS 77

AD-A140 247

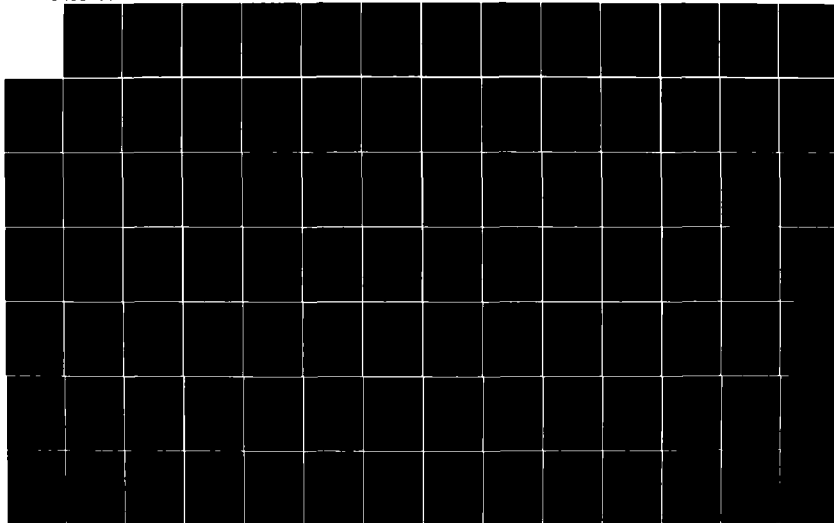
WOODBIDGE RAF UNITED KINGDOM REVISED UNIFORM SUMMARY
OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 07 MAR 84
USAFETAC/DS-84/011 SBI-AD-E050 623

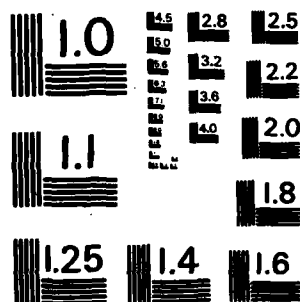
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UNCLASSIFIED

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 35951 WOODBRIDGE RAF UK 74-83 1111
STATION NAME CLASS YEAR DATE
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.5	2.8	.8								8.3	8.3
NNE	.1	.5	1.4	.9								2.9	9.5
NE	.1	.6	2.5	2.7								5.9	10.1
ENE	.1	2.5	3.1	2.8	.1							8.2	8.9
E	.3	4.1	2.7	.9								8.0	6.6
ESE	1.1	1.7	.4									3.2	9.4
SE	1.1	1.7	.3									3.1	8.2
SSE	.9	2.2	.1									3.0	8.1
S	1.9	4.6	1.1									7.6	8.9
SSW	.4	1.9	1.6	.6								4.6	7.1
SW	.2	1.7	1.9	1.0	.1							5.0	8.1
WSW	.1	.8	2.5	1.4								4.7	9.6
W	.5	1.3	3.1	2.4	.2							7.5	9.5
WNW	.5	1.7	2.4	.8								5.6	7.5
NW	.4	1.4	1.0	.3								3.1	6.6
NNW	.2	1.2	.9	.3								2.6	7.0
VARBL			13.3	5.7	.8							19.8	10.1
CALM												.5	
	8.2	29.9	40.7	20.0	1.2							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 035951 STATION NAME WOODBIDGE RAF UK YEARS 74-83 DATE 1111
CLASS ALL WEATHER PERIOD 1800-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.4	2.9	.2								6.1	6.7
NNE	.4	2.5	2.0	.2								5.2	6.6
NE	.8	1.3	5.0	1.2								8.2	8.7
ENE	1.4	2.7	2.3	.6								7.2	6.2
E	1.8	3.2	1.1	.1								6.2	4.8
ESE	1.5	1.1										2.6	3.3
SE	1.8	.4	.1									2.4	3.0
SSE	1.7	1.0										2.7	3.2
S	4.3	3.9	1.1									9.3	4.1
SSW	1.9	1.4	1.1	.6								5.1	5.6
SW	1.0	1.9	3.9	.9								7.6	7.5
WSW	.3	2.3	1.9	1.2								5.7	7.8
W	.6	2.0	3.6	1.2	.1							7.5	7.9
WNW	1.3	1.9	1.9	.4								5.6	6.3
NW	.3	1.7	.8	.2								3.0	6.0
NNW	.2	.3	.8	.3								1.6	7.7
VARBL			2.7	2.4								5.1	10.3
CALM												9.1	
	20.1	30.0	31.0	9.6	.1							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

035951 WOODBRIDGE RAF UK

70-83

111

ALL WEATHER

2100-2300

CREATION

SPEED (KNTS) DIR.	1 - 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	3.3	1.5									7.4	4.5
NNE	1.2	3.0	1.4									5.8	5.2
NE	.8	1.7	2.6									5.1	6.6
ENE	1.8	.9	.9									3.5	8.5
E	1.6	1.4	.3									3.3	3.5
ESE	.6	.1										.8	2.3
SE	.6											.6	1.8
SSE	1.2	.3										1.5	2.5
S	2.0	.9										2.9	3.0
SSW	2.7	2.5	1.3	.3								6.8	8.7
SW	2.2	4.5	3.5	.9								11.1	6.2
WSW	2.2	2.3	2.0	.8								7.2	5.8
W	1.5	2.4	3.2	1.1								8.2	7.0
WNW	.6	2.2	1.4	.1								8.3	5.8
NNW	1.9	.4	.6	.2								3.2	8.8
NNW	.8	.4	.3									1.9	8.3
VARB			1.1	.8								1.8	10.5
CALM												24.5	
	24.5	26.7	20.2	8.1								100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 035951 STATION NAME WOODBIDGE RAF UK YEAR 74-83 MONTH JUL
CLASS ALL WEATHER MONTH ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.8	2.9	1.9	.3								6.5	5.8
NNE	.8	1.9	1.5	.2								4.5	6.2
NE	.6	1.2	2.5	1.1	.0							5.3	8.0
ENE	.7	1.4	1.6	1.1	.1							5.0	7.8
E	1.3	2.1	1.1	.4								4.8	5.6
ESE	.9	.7	.2									1.8	4.0
SE	.8	.7	.1									1.6	3.7
SSE	.8	.7	.1									1.6	3.7
S	1.8	2.0	.4	.1	.0							4.3	4.9
SSW	1.4	1.6	1.4	.5	.0							4.9	6.1
SW	1.2	2.7	3.0	1.0	.0							7.9	6.8
WSW	1.3	2.2	2.7	1.2	.0							7.5	7.1
W	1.1	2.3	4.2	1.5	.1	.1						9.3	7.8
WNW	1.0	2.0	2.5	.5								5.9	6.6
NW	1.0	1.9	1.5	.3								4.8	6.0
NNW	.9	1.1	.9	.2								3.1	5.6
VARB	.0		7.0	3.0	.2	.0						10.2	10.0
CALM												10.8	
	17.0	27.7	12.5	11.4	.5	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 7289

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

035951 WOODBRIDGE RAF UK 78-83 AUG
STATION DATE YEAR MONTH
ALL WEATHER
CLASS
0000-0200
TIME (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	5.8	1.2									9.5	8.6
NNE	.6	1.4	.4									2.5	8.3
NE	.6	1.3	.8	.3	.3							3.1	6.3
ENE	.8	.3	.1									1.2	3.6
E	.8	.8	.9									2.4	5.6
ESE	.3	.2	.6									1.2	6.0
SE	.3	.1										.8	3.3
SSE	.4	.2										.6	3.3
S	2.5	.8	.8									4.0	3.3
SSW	1.3	1.8	1.8	.4								5.9	6.2
SW	2.8	2.8	1.9	.2								7.7	8.9
WSW	1.7	4.2	3.1	.8								9.8	6.3
W	1.1	2.9	2.5	.8	.3							7.8	6.6
WNW	2.1	3.1	1.1	.8	.3							7.3	5.6
NW	1.3	2.1	.5									3.9	8.3
NNW	2.1	1.9	.3									4.3	3.5
VARB			.3	.3								.8	11.0
CALM												28.7	
	21.2	29.9	16.3	3.6	.3							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 035951 WOODBRIDGE RAF UK STATION NAME 74-83 YEARS AUG MONTHS 0300-0500 HOURS (L.G.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	5.4	1.5									9.8	4.5
NNE	1.2	1.1	.3									2.6	3.1
NE	.6	1.1	.6	.5								2.9	6.5
ENE	1.1	.3	.2									1.6	3.5
E	.8	.9	.2									1.8	4.1
ESE	.3	.5	.1									1.0	4.3
SE	.8	.3										1.1	2.9
SSE	.2	.3										.5	4.0
S	1.6	1.1	.2									2.9	3.7
SSW	1.8	1.7	1.4	.2								5.2	5.3
SW	1.5	2.8	2.6	.5								7.5	5.8
WSW	2.7	2.7	2.4	.4	.2	.1						8.5	6.0
W	2.6	2.7	2.9	.8								9.0	5.9
WNW	1.8	3.5	.9	.2								6.4	4.7
NW	2.2	3.0	.5	.2								6.0	4.4
NNW	2.9	3.7	.4									6.4	3.8
VARBL			.5	.1								.4	9.0
CALM												26.1	
	25.1	30.5	14.9	3.0	.2	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

035951 WOODBRIDGE RAF UK 74-83 AUG
STATION STATION NAME YEARS MONTHS
ALL WEATHER 0600-0800
CLASS HOURS (L.O.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	4.7	1.4	.1								9.8	4.8
NNE	1.4	1.8	1.3	.1								8.6	5.2
NE	1.5	1.1	1.2	.9								8.6	6.3
ENE	.8	.9	.8	.3								2.7	6.3
E	.9	1.2	.8	.4								3.2	6.0
ESE	.4	.4	.2									1.3	8.6
SE	.3	.6										1.0	8.0
SSE	.3	.2										.5	3.0
S	1.2	1.1		.4								2.7	5.3
SSW	1.1	2.2	1.3	.4								5.0	5.9
SW	1.6	2.2	2.9	.4								7.1	6.0
WSW	1.8	3.6	2.7	1.4	.1							9.4	6.9
W	1.3	3.8	3.1	1.1								9.3	6.7
WNW	1.2	3.4	1.5	.2								6.4	5.6
NW	1.7	3.7	2.5	.1								7.3	5.6
NNW	1.8	3.3	1.4	.1								6.7	8.8
VARL			3.1	1.0								4.1	9.4
CALM												14.3	
	20.9	33.5	24.1	7.0	.1							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

035951 STATION WOODBRIDGE RAF UK 74-83 YEARS AUG MONTH
STATION NAME CLASS ALL WEATHER
CONDITION 0900-1100 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.9	2.4	.6								7.2	6.9
NNE	1.3	2.4	2.3	.4								6.3	6.4
NE	.8	1.5	2.5	1.9								6.7	8.5
ENE	.4	1.1	1.6	.6								3.8	7.4
E	1.0	2.0	1.6	.5								5.2	6.6
ESE	.4	1.6	.2									2.3	4.6
SE	.6	.5	.1									1.3	3.9
SSE	1.2	1.3	.2									2.7	4.0
S	1.4	2.0	.4									3.9	4.7
SSW	1.1	1.2	1.4	.5								4.2	6.9
SW	1.1	.9	2.7	1.1								5.7	7.9
WSW	.6	1.3	2.9	1.9	.2							7.0	9.0
W	1.3	3.5	3.7	2.2	.1							10.8	7.6
WNW	.5	2.0	2.2	.5								5.3	7.0
NW	1.4	1.4	2.2	.5	.1							5.6	6.8
NNW	.4	2.5	1.6	.1								4.6	6.3
VARBL	.2	.3	10.8	3.9	.3							15.5	9.6
CALM												2.4	
	14.8	28.5	38.6	14.9	.8							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

035951 WOODBRIDGE RAF UK 74-83 AUG
STATION DATE YEAR MONTH
ALL WEATHER
CLASS
CONDITION
1200-1800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.4	2.4	.2								4.3	7.3
NNE	.2	.8	2.2	1.0								4.1	8.8
NE	.1	1.3	2.3	1.7								5.4	9.0
ENE	.1	1.3	2.0	1.7								5.2	9.0
E	.3	2.9	1.7	1.0								5.9	7.5
ESE	1.0	3.5	.5									5.1	4.7
SE	.9	2.6	.3									3.8	8.9
SSE	1.2	1.8	.3									3.3	8.5
S	.5	3.7	2.2	.3								6.7	6.3
SSW	1.1	1.4	1.5	.2								4.2	6.2
SW	.9	1.2	1.7	1.4								5.2	7.9
WSW	.3	1.0	1.7	1.9	.2							5.2	10.3
W	.9	1.8	4.1	1.7	.6							9.1	9.3
WWW	.3	1.2	2.2	.8								4.4	8.0
NW	.2	1.0	1.3	.4								2.9	7.7
NNW	.8	.5	2.0	.2								3.5	6.8
VARB		.1	14.8	5.6	.2							20.8	9.8
CALM												1.1	
	9.0	27.4	43.2	18.2	1.9							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 035951 WOODBRIDGE RAF UK YEARS 78-83 MONTH AUG
STATION NAME CLASS ALL WEATHER 1530-1700
CONDITION MOON (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.0	2.3	.4								4.1	7.3
NNE	.2	1.1	2.4	.4								4.1	7.9
NE	.1	1.4	3.2	1.7								6.5	9.0
ENE	.2	1.3	3.4	1.5	.1							6.6	8.9
E	1.2	4.6	2.7	1.0								9.5	6.8
ESE	1.3	3.8	.9									5.9	4.7
SE	1.1	1.7	.2									3.0	4.3
SSE	1.5	2.8	.2									4.5	4.2
S	1.8	4.5	2.5	.3								9.1	5.7
SSW	.8	2.3	1.3	.2								4.5	6.0
SW	.8	1.0	2.3	1.2								5.2	8.1
WSW	.2	1.1	2.6	1.4	.1							5.4	9.3
W	.2	1.6	2.2	2.0	.2	.2						6.5	10.1
WNW	.3	1.0	2.2	.5								4.0	7.4
NW	.2	1.7	1.4	.3								3.7	6.6
NNW	.2	1.2	1.6	.1								3.1	6.7
VARBL			9.7	9.0	.1							13.8	10.2
CALM												.8	
	10.5	31.9	40.9	15.2	.5	.2						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 035551 WOODBIDGE RAF UK YEARS 74-83 AUG
STATION NAME WOODBIDGE RAF UK 1970-2000
CLASS ALL WEATHER
CONDITION 1970-2000
MOONS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.6	2.4	2.2	.1								6.2	5.4
NNE	1.2	3.7	1.8	.2								6.9	5.3
NE	1.2	2.6	2.5	1.4								7.4	7.3
ENE	1.6	2.9	1.5	.6								6.7	5.8
E	3.5	3.4	1.1	.4								8.5	4.8
ESE	2.4	1.3										3.7	3.0
SE	1.3	.4										1.7	3.1
SSE	1.4	.2	.1									1.7	2.8
S	3.7	3.3	.8									7.7	4.0
SSW	2.4	2.4	2.4	.4								7.5	5.3
SW	1.6	3.5	2.4	.9								8.8	6.3
WSW	1.2	.9	2.5	.6								4.9	7.3
W	.2	2.7	2.4	.4	.1							5.2	7.4
WNW	1.2	1.0	1.0	.1								3.0	5.4
NW	1.1	1.1	.6	.3								3.1	5.4
NNW	.8	1.1	.8									2.4	5.4
VARBL			1.9	1.0								2.9	10.2
CALM												11.8	
	25.6	32.2	23.8	6.6	.1							100.0	5.0

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)

STATION 035951 STATION NAME WOODBRIDGE RAF UK YEARS 74-83
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.8	4.7	1.8									1.1	4.5
NNE	2.4	2.6	1.1									5.2	4.3
NE	1.3	1.1	.8	.3								7.4	5.4
ENE	1.2	.9	.4	.2								2.7	4.8
E	1.3	1.1	.6	.5								3.6	5.5
ESE	.5	.4	.1	.1								1.2	4.8
SE	.6	.2										.2	2.4
SSE	.5	.2	.1									1.2	3.2
S	2.9	1.3		.1								4.3	3.2
SSW	2.7	2.2	1.3									6.1	4.8
SW	2.2	5.0	2.4	.6								10.1	5.7
WSW	1.2	2.2	3.1	.1								6.6	6.3
W	1.3	2.6	1.7	.6								6.2	6.2
WNW	.9	1.2	.5	.3								2.2	5.4
NW	1.6	1.1		.2								2.9	3.9
NNW	1.3	1.8	.1									3.2	4.2
VARBL			1.7	.4								1.4	9.4
CALM												27.1	
	25.7	28.4	15.1	3.7								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 135951 WOODBRIDGE RAF UK STATION NAME 74-83 YEARS AUG
CLASS ALL WEATHER ALL
CONDITION HOURLY (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.5	1.9	.2								7.6	5.2
NNE	1.1	1.9	1.5	.3								4.6	5.6
NE	.9	1.4	1.7	1.1	.7							5.3	7.6
ENE	.9	1.1	1.3	.6	.7							3.8	7.0
E	1.2	2.1	1.2	.5								5.0	6.5
ESE	.8	1.5	.3	.0								2.7	4.6
SE	.7	.8	.1									1.6	3.9
SSE	.9	.9	.1									1.9	3.6
S	2.7	2.2	.8	.1								5.2	4.7
SSW	1.5	1.9	1.5	.3								5.3	5.7
SW	1.5	2.4	2.3	.8								7.1	6.4
WSW	1.2	2.1	2.6	1.1	.1	.7						7.7	7.7
W	1.1	2.6	2.8	1.2	.1	.7						7.9	7.5
WNW	1.7	2.7	1.4	.4	.7							4.9	6.7
NW	1.2	1.8	1.1	.3	.7							4.4	5.6
NNW	1.3	1.9	1.7	.1								4.3	5.7
VARBL	.5	.1	5.3	2.0	.1							7.5	9.6
CALM												14.0	
	19.1	30.3	27.1	9.0	.8	.7						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 35051 WOODBRIDGE RAF UK YEARS 73-82 MONTHS SEP
STATION NAME
ALL WEATHER
CLASS
CONDITION
0000-2200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.6	.6									4.7	3.8
NNE	.3	.4										.8	3.6
NE	.2	.1	.1	.2								.7	7.7
ENE		.1	.8									.9	7.9
E	.7	.2	.4	.3								1.7	6.3
ESE	.7	.8	.2									1.7	4.1
SE	.9	.8										1.7	3.6
SSE	.9	.4	.1									1.3	3.4
S	1.4	.9	1.1	.3	.2							4.0	6.2
SSW	2.2	3.8	5.7	.6	.2							11.6	6.7
SW	1.8	4.9	4.7	1.3	.2							12.2	6.9
WSW	2.7	2.3	3.2	1.1	.2							9.6	6.7
W	2.0	2.9	2.3	1.4	.1							8.8	6.9
WNW	.9	2.9	1.3	.1								5.2	5.7
NW	1.3	2.2	.9									4.4	4.7
NNW	1.8	2.1	.7									4.6	4.5
VARBL			1.6	.8								2.3	9.9
CALM												24.0	
	20.0	26.4	22.3	6.2	1.0							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 35951 STATION NAME WOODBRIDGE RAF UK YEAR 73-82 GUST 560
CLASS ALL WEATHER MONTH 0330-0500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	2.2	2.4	.6	.1								5.3	4.3
NNE	.4	.4	.4									1.1	5.4
NE	.3	.1										.4	2.4
ENE	.4	.3	.3									1.1	5.4
E	.6	.2	.8	.3								1.9	6.3
ESE	.4	.3	.2									1.0	9.4
SE	.7	.1	.1									.9	3.4
SSE	.3	.4										.8	3.4
S	1.6	2.1	1.4	.2								5.3	5.4
SSW	2.2	2.6	2.7	.6	.3							8.3	6.4
SW	3.4	2.6	4.8	1.1	.1							12.0	6.4
WSW	3.1	3.6	4.3	1.0	.1							12.1	6.4
W	2.4	2.7	2.3	1.3	.3							9.3	6.4
WNW	1.0	3.4	.7	.1	.1							5.3	5.4
NW	1.4	1.4	1.4	.1								4.8	5.4
NNW	2.4	1.3	.3									4.3	3.4
VARBL			1.3	.9	.4							2.3	11.4
CALM												23.8	
	23.1	24.1	21.8	5.8	1.4							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 07051 WOODBRIDGE RAF UK 77-82 SEP
STATION NAME YEAR MONTH
ALL WEATHER
CLASS
0600-0800
HOURS (L.S.T.)
OBSERVATION

SPEED (KNTS.) Dir	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	2.9	1.9									6.7	4.3
NNE	.6	.9	.3									1.8	4.7
NE	.3	.7										.6	2.8
ENE	.2	.1	.1									.4	5.0
E	.9	.8	.6	.1								2.4	5.9
ESE	.4	.8	.9	.1								1.8	5.6
SE	.9	.7										1.3	3.3
SSE	1.7	.7	.1									1.8	3.8
S	2.1	1.8	.3	.6								4.8	4.9
SSW	1.8	1.9	2.4	.8	.4							7.1	6.7
SW	1.7	5.7	4.6	1.4								12.6	6.5
WSW	2.8	4.7	4.6	1.3	.2							12.9	6.6
W	1.6	2.3	2.9	1.8	.6	.1						9.2	8.3
WNW	1.1	2.8	1.9	.2								6.2	6.0
NW	1.2	1.6	1.6									4.3	5.9
NNW	1.0	2.9	.8									4.7	4.8
VARBL		.2	3.3	2.3	.8	.1						6.2	10.7
CA												16.0	
		29.5	25.1	8.8	1.2	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 035951 WOODBRIIDGE RAF UK STATION NAME 73-82 YEARS SEP
DATE 1990-1100
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.3	1.6									4.1	6.6
NNE	.9	1.2	.8									2.8	5.8
NE	.1	.6	.8	.2								1.7	7.3
ENE	.3	.6	1.1	.1								2.1	6.5
E	.3	.6	1.2	.3								2.8	7.4
ESE	.8	1.7	.7	.4								2.9	6.0
SE	.3	.9										1.2	8.2
SSE	1.4	.9	.1									2.4	3.5
S	1.2	2.9	1.1	.1	.1							5.8	5.8
SSW	.9	2.4	4.4	1.1								8.9	7.3
SW	.4	2.3	4.7	2.6	.1							10.1	8.6
WSW	1.2	2.6	5.3	2.1	.3							11.8	8.2
W	.8	2.3	2.7	3.4	1.1	.4						10.8	10.3
WNW	.6	2.1	2.2	.4	.1							5.8	7.4
NW	.3	1.4	1.8	.2								3.8	6.8
NNW	.3	1.9	1.6									3.8	6.8
VARBL		.1	10.3	6.1	.7	.7						17.9	11.6
CALM												2.7	
	10.1	26.1	40.3	17.2	2.4	1.1						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

73-82
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1200-1800
HOURS (L.E.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	1.7	1.8	.2								4.1	6.7
NNE	.2	.4	.7									1.3	6.3
NE	.2	.2	1.1	.3								1.9	8.6
ENE	.1	.4	1.3	.1								2.2	7.4
E	.2	1.6	1.3	1.0								4.1	7.9
ESE	.2	.9	.7									1.8	6.1
SE	.7	1.8	.3									2.8	4.6
SSE	.8	2.3	.3									3.4	4.6
S	.9	4.1	3.3	.8								9.1	6.7
SSW	.3	2.8	3.0	1.6								7.7	7.8
SW	.3	1.8	3.8	3.0								8.9	9.4
WSW	.1	2.3	3.0	3.1	.3							8.9	9.4
W	.6	2.3	2.7	4.4	1.1	.6	.1					11.8	11.5
WNW	.1	1.1	1.3	.7	.2							3.4	8.8
NW	.4	1.2	1.1									2.8	6.1
NNW	.4	.9	1.2	.1								2.7	6.5
VARBL		.1	12.7	7.6	.9	.7						21.9	10.8
CALM												1.4	
	6.1	26.0	39.7	22.9	2.6	1.2	.1					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

73-82
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	1.8	.8								4.3	7.6
NNE	.3	.3	.6									1.2	6.0
NE	.3	.8	.4	.2								1.8	6.2
ENE	.3	1.4	1.6	.2								3.6	6.6
E	.2	2.7	2.1	.7								5.7	7.1
ESE	.8	2.7	.3	.1								3.2	5.0
SE	1.2	1.3	.2									2.8	3.8
SSE	2.2	2.2	.4									4.9	4.0
S	3.7	6.8	2.6	.3								12.7	5.2
SSW	.9	2.3	3.6	1.7								8.8	7.7
SW	.2	1.9	3.9	2.6	.2	.2						9.0	9.8
WSW	.1	2.0	3.9	1.2	.2							7.8	8.6
W	.9	1.7	3.2	2.8	1.6							10.1	10.5
WNW	.4	.9	2.7	1.0	.1	.1						8.6	8.6
NW	.7	.8	.7	.1								2.2	5.2
NNW	.6	1.3	.3									2.2	8.6
VARBL			9.1	4.3	.3	.3						18.1	10.6
CALM												1.6	
	12.8	29.7	36.7	16.0	2.8	.7						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

SURFACE WINDS

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

035951 WOODBRIDGE RAF UK 73-82 SEP 1800-2000
STATION STATION NAME YEAR MONTHS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.6	.9									3.9	4.6
NNE	.7	1.7	.1									1.8	4.1
NE	1.2	.7	.2									2.1	3.3
ENE	.4	.7	.7	.1								1.9	5.9
E	1.9	1.4	1.2									4.6	4.5
ESE	1.8	.9	.2									2.9	3.3
SE	1.2	.6										1.8	2.9
SSE	1.6	.3										1.9	2.7
S	2.6	3.8	1.3									7.7	4.5
SSW	2.8	4.1	4.9	.9								12.7	6.1
SW	2.3	3.6	4.4	1.7	.4	.3						12.8	7.9
WSW	1.4	2.3	2.1	1.0								6.9	6.5
W	.8	2.2	2.8	1.2								7.0	7.5
WNW	1.4	1.7	.4	.9	.1	.1						4.7	6.9
NW	.9	.4	.6		.1							2.0	5.6
NNW	.4	1.0	.2									1.7	4.3
VARB			2.8	.6								3.3	9.0
CALM												20.5	
	22.9	26.3	22.9	6.3	.7	.4						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

035951 WOODBRIDGE RAF UK 73-82 550
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
2100-2300
MOON (L.F.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.0	.6									4.2	4.5
NNE	1.0	.3	.1									1.4	3.2
NE	.3	.2	.1									.7	8.3
ENE	.3	.4	.8	.1								1.7	6.6
E	.8	1.1	.8									2.7	5.0
ESE	1.7	1.7	.4									2.4	4.8
SE	.7	.2	.3									1.2	3.6
SSE	1.1	.7	.1									1.9	3.6
S	1.6	1.9	1.3									4.8	8.5
SSW	2.6	3.8	5.2	1.7								12.6	6.4
SW	1.7	4.2	4.1	.9	.6	.2						11.7	7.5
WSW	.8	3.3	3.8	1.4	.1							9.4	7.4
W	1.1	3.7	2.3	1.4								7.9	7.1
WNW	.7	2.1	1.4	.2								4.8	5.9
NW	1.1	1.2	.3	.1								2.8	4.6
NNW	1.4	2.7	.3									3.8	4.3
VARBL			2.0	.3	.3							2.7	10.8
CALM												24.1	
	17.8	27.6	23.8	5.6	1.0	.2						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

35951 WOODBRIDGE RAF UK 73-82 SEP
STATION STATION NAME YEARS MONTHS
ALL WEATHER
CLASS
CONDITION
ALL
HOURS (L. & T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.0	1.1	.1								9.5	5.1
NNE	.5	.6	.4									1.5	4.9
NE	.4	.4	.3	.1								1.2	5.9
ENE	.3	.5	.8	.1								1.7	6.5
E	.7	1.1	1.1	.3								7.2	6.4
ESE	.8	1.0	.4	.1								2.2	4.8
SE	.8	.8	.1									1.7	3.8
SSE	1.2	1.0	.2									2.3	3.8
S	1.8	3.7	1.5	.3	.7							6.7	5.4
SSW	1.7	3.7	3.9	1.0	.1							9.7	6.8
SW	1.5	3.3	4.3	1.8	.2	.1						11.2	7.7
WSW	1.5	2.8	3.8	1.5	.2							9.8	7.4
W	1.3	2.4	2.7	2.2	.6	.1	.7					9.3	8.9
WNW	.8	2.1	1.4	.5	.1	.7						4.9	6.7
NW	.9	1.3	1.0	.1	.0							3.3	5.5
NNW	1.1	1.7	.7	.0								3.4	4.8
VARBL		.1	5.4	2.9	.4	.2						8.9	10.7
CALM												14.3	
	16.3	27.0	29.1	11.1	1.6	.5	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 035951 WOODBRIDGE RAF UK STATION NAME 73-82 YEARS 001
DATE 0000-0200
MONTH (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.2	.1									3.3	3.6
NNE	.6	.6	.3									1.6	4.6
NE	.3	.5	.6	.3								1.8	6.6
ENE	.1	.5	.6	.5								1.8	8.6
E	.4	.9	.6	.5								2.5	7.2
ESE	.9	1.7	.3	.2								3.1	5.2
SE	.5	1.7	.1	.1								1.7	4.6
SSE	1.1	.1	.2									1.4	3.3
S	2.4	2.4	1.1	.2								6.7	4.6
SSW	2.2	3.3	2.6	.8	.1							8.6	6.0
SW	2.6	3.7	2.7	1.0	.4							9.7	6.2
WSW	1.9	2.0	2.2	1.4	.1							7.6	7.0
W	2.7	1.6	3.3	2.3	.4							9.7	8.3
WNW	1.1	1.8	1.5	.6								5.1	6.6
NW	1.7	2.8	.6	.1								5.2	4.6
NNW	1.2	1.6	1.3									4.1	4.6
VARBL		.1	2.9	1.3	.2							4.5	10.3
CALM												22.5	
	20.8	25.6	20.5	9.4	1.3							100.5	

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 77951 WOODBRIDGE RAF UK 77-82 OCT
STATION NAME YEARS MONTH
CLASS ALL WEATHER 0300-0500
CONDITION NOISE (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	2.3	.2									4.7	3.9
NNE	.5	1.0	.2									1.7	4.6
NE	.3	1.0	.4	.2								1.9	6.4
ENE	.3	.3	.4	.3								1.4	7.3
E	1.1	.4	.6	.4								2.6	6.1
ESE	.6	1.8	.3									2.9	4.6
SE	1.1	1.7										2.9	4.0
SSE	1.3	1.7	.1									2.4	3.1
S	1.5	3.7	1.8									6.3	5.3
SSW	1.7	2.3	2.7	.9								7.5	6.6
SW	2.8	2.9	1.9	.6	.1							8.4	5.6
WSW	1.3	3.7	1.8	1.4								7.5	6.9
W	1.4	1.8	3.7	2.5	.5							9.2	8.7
WNW	1.7	3.4	1.8	.5								7.5	5.7
NW	1.6	2.7	1.0	.2								4.8	5.2
NNW	1.5	1.9	1.1									4.5	4.6
VARBL			1.9	1.5								3.4	10.8
CALM												20.3	
	21.1	29.9	19.5	8.6	.6							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

035951 WOODBRIDGE RAF UK

73-82

YEARS

OCT

ALL WEATHER

0600-0800

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.9	.4									4.7	4.7
NNE	1.0	.8										1.7	3.7
NE	.9	.6	.6	.3								2.4	6.3
ENE	.4	.5	.6	.1	.2							1.9	7.6
E	.6	.9	.3	.4		.2						2.5	7.7
ESE	1.3	1.8	.3	.1								3.5	9.4
SE	1.2	.6	.4	.3								2.4	5.6
SSE	.9	.5	.1									1.5	3.4
S	2.8	3.4	1.3	.1								7.6	9.6
SSW	1.5	2.2	2.9	.6								7.2	6.7
SW	2.2	3.7	2.8	.6								8.6	6.7
WSW	2.9	2.2	2.7	1.1								8.2	6.7
W	2.2	2.3	3.2	3.3	.8							11.7	8.7
WNW	1.0	3.0	1.7	.6								6.3	6.1
NW	1.2	2.9	1.2	.1	.1							5.5	5.6
NNW	1.5	1.3	.3	.1								3.2	4.3
VARBL		.1	2.2	1.4	.3							4.5	11.7
CALM												17.0	
	22.6	29.0	20.4	9.6	1.4	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 035051 STATION NAME WOODBRIDGE RAF UK YEARS 77-82
CLASS ALL WEATHER
CONDITION
CCT NORTH
1977-1982
HOURS (L & T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.5	1.2									5.5	5.3
NNE	.5	1.1	.8	.1								2.5	5.7
NE	.6	.5	.5	.4								2.2	6.8
ENE	.4	.4	.4	.2	.1							1.6	7.4
E	.4	1.5	1.3	.3	.1							3.7	7.3
ESE	.5	1.3	.5	.3								2.7	6.2
SE	.6	1.3	1.0	.3	.1							3.3	6.7
SSE	.2	1.3	.3	.1								1.9	5.8
S	1.5	3.7	2.3	.1								7.5	5.7
SSW	1.1	1.5	2.7	1.8								7.1	8.2
SW	1.2	2.0	2.0	2.5	.1							7.8	8.6
WSW	.4	2.7	2.2	1.5	.1							6.9	8.2
W	1.0	2.9	2.0	3.4	1.2	.1						10.6	9.7
WNW	.6	1.2	2.9	1.8	.1							6.7	9.0
NW	.8	1.6	1.9	.9								5.2	7.5
NNW	1.7	1.7	1.4	.5	.2							5.6	6.3
VARBL		.2	9.2	3.2	1.2	.2						14.1	10.6
CALM												5.2	
	12.5	28.5	32.7	17.6	3.2	.3						100.0	7.6

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)

035951
STATION

000BRIDGE RAF UK
STATION NAME

73-82
YEARS

001
DATE

ALL WEATHER
CLASS

1200-1800
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.9	1.7	.4								5.7	6.3
NNE	.5	1.1	1.1	.5								3.2	7.3
NE	.4	.6	.1	.8								1.3	7.6
ENE	.3	.2	.5	.6								1.6	8.5
E		1.8	1.7	.2								3.8	7.3
ESE	.6	1.1	.9									2.6	5.5
SE	.4	1.3	.9	.3	.1							3.7	7.3
SSE	1.7	.9	1.1	.1								3.8	8.9
S	1.6	2.7	2.3	.3								6.9	5.9
SSW	.8	3.2	3.2	1.4	.1							8.7	7.6
SW	1.7	1.9	2.3	2.4	.1							7.6	8.9
WSW	.4	1.6	2.3	2.3	.3	.1						6.8	9.7
W	.6	1.4	3.4	2.7	.5	.3						9.5	10.2
WNW	1.7	1.4	2.6	2.7	.2							7.2	8.6
NW	.5	1.9	1.5	1.3	.1							5.6	7.9
NNW	.3	1.3	.5	.8	.1							3.2	7.6
VARBL		.3	12.3	4.0	.9	.1						17.5	10.3
CALM												2.3	
	10.9	25.7	38.1	20.1	2.5	.5						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 03951 STATION NAME WOODBRIDGE RAF UK YEARS 77-82 MONTH OCT
CLASS ALL WEATHER MONTHS 1500-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.6	1.1									5.6	4.7
NNE	.7	1.0	1.0	.3								3.1	6.1
NE	.3	.8	.6	.3								2.3	7.2
ENE	.1	.5	1.5	.6								2.3	8.5
E	1.2	1.1	.4	.3								3.0	5.2
ESE	1.6	1.9	.8									4.3	4.4
SE	1.3	2.3	.4	.1								4.1	4.7
SSE	1.3	.5	.1	.1								2.0	3.6
S	4.7	4.7	2.4	.2								10.5	4.8
SSW	1.8	3.7	2.5	1.3								5.6	6.5
SW	.5	2.3	2.8	1.3	.1							7.0	7.7
WSW	.8	1.3	2.8	.9	.1							5.8	8.2
W	1.0	1.4	2.7	2.3	.3							7.6	9.3
WNW	.9	2.5	2.6	1.4								7.3	7.6
NW	1.1	1.7	.9	.2								3.9	5.3
NNW	1.3	1.6	1.2	.2								4.3	5.8
VARBL		.3	7.1	2.9	.4							10.8	9.9
CALM												7.2	
	19.9	28.7	30.8	12.5	1.0							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 075951 WOODBRIDGE RAF UK STATION NAME 73-82 YEARS OCT DATE
ALL WEATHER CLASS 1939-2000 MONTHS (L & Y)
CONDITION

SPEED (KNTS) DIR.	1 - 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	1.7	.8	.1								5.2	4.1
NNE	.8	.4	.1	.1								1.4	4.1
NE	.3	.8	.5	.2								1.8	6.2
ENE	1.1	.2	.8	.2								2.2	4.0
E	1.3	1.7	.6	.4								3.3	5.3
ESE	.9	1.2	1.7	.1								3.0	5.6
SE	1.3	.5	.2									1.7	3.6
SSE	1.3	1.7	.5	.1								2.6	4.6
S	2.7	3.1	2.5	.1								8.4	5.2
SSW	1.8	3.8	3.4	1.7	.1							10.1	6.6
SW	1.9	3.4	2.9	.5	.4							9.2	6.6
WSW	1.3	1.4	2.9	.8	.1							5.7	7.5
W	1.1	2.5	2.5	1.4	.1							7.5	7.3
WNW	1.1	1.1	.8	.2								3.1	5.8
NW	1.8	1.6	.8	.3								4.5	8.6
NNW	2.3	1.3	.1	.1								3.5	3.6
VARBL			3.4	1.2	.3	.1						5.1	10.9
CALM												21.6	
	22.3	24.9	23.3	6.8	1.1	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

035951 WOODBRIDGE RAF UK 73-80 OCT
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	1.4	.6	.1								4.7	4.3
NNE	.3	1.0	.3									1.6	5.1
NE	.4	.1	.1	.2								.9	5.8
ENE	.8	.8	.6	.3								2.5	6.2
E	.2	.5	1.4	.1								2.3	7.3
ESE	.5	1.1	.6	.2								2.5	6.1
SE	1.0	.5	.4									1.9	4.5
SSE	1.7	1.2	.2	.1								3.2	3.9
S	2.7	2.3	1.2	.2								5.7	4.9
SSW	1.8	3.3	2.9	.8	.1							8.9	6.7
SW	2.6	3.5	2.0	1.1	.1							9.4	6.1
WSW	1.8	2.2	2.9	1.0	.4							8.3	7.3
W	1.7	3.7	2.6	2.2	.1							8.8	7.9
WNW	1.4	1.1	1.8	.9								5.2	6.5
NW	1.4	1.8	.6	.1								4.0	4.8
NNW	1.2	1.1	.5	.1								2.9	4.6
VARS		.1	3.1	1.6	.3	.2						5.8	11.2
CALM												22.7	
	20.0	24.9	22.2	8.9	1.1	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 35951 STATION NAME WOODBRIDGE RAF UK YEARS 71-82 OCT 82
 ALL WEATHER CLASS ALL
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.3	.8	.1								4.8	4.7
NNE	.6	.9	.5	.1								2.1	5.8
NE	.4	.6	.5	.3								1.9	6.8
ENE	.4	.4	.7	.4	.7							2.2	7.4
E	.7	1.7	.9	.3	.7	.7						2.9	6.6
ESE	.9	1.5	.6	.1								3.1	5.2
SE	.9	1.2	.4	.1	.0							2.6	5.3
SSE	1.1	.8	.3	.1								2.4	4.2
S	2.3	3.1	1.8	.2								7.4	5.3
SSW	1.6	2.8	2.9	1.1	.1							8.3	6.9
SW	1.8	2.8	2.4	1.2	.2							8.5	6.8
WSW	1.3	2.0	2.3	1.3	.1	.7						7.1	7.5
W	1.3	2.1	2.8	2.9	.9	.1						9.3	8.8
WNW	1.1	1.9	2.0	1.0	.0							6.3	7.3
NW	1.3	2.1	1.1	.4	.0							4.8	5.8
NNW	1.3	1.9	.8	.2	.0							3.9	5.3
VARBL		.1	5.3	2.1	.9	.1						8.1	10.5
CALM												14.8	
	18.7	27.2	25.9	11.7	1.9	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 7880

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 035951 WOODBRIDGE RAF UK 73-82 NOV
STATION NAME YEARS MONTH
CLASS ALL WEATHER
HOURS (L.S.T.) 0000-0200
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.1	.6	.4								8.6	5.1
NNE	.4	.5		.1								1.0	4.4
NE	.1	.3		.1		.3						.8	12.2
ENE			.1	.8	.3	.1						1.3	15.6
E			.3									.3	8.0
ESE	.8	.1	.1									1.0	2.9
SE	.5	.1	.6									1.3	5.5
SSE	.8	.4	.3									1.4	4.2
S	1.5	1.3	.9	.3								3.9	5.3
SSW	1.3	2.5	3.6	1.3								8.6	7.2
SW	1.6	4.4	5.5	3.1								14.6	7.9
WSW	1.5	3.3	6.3	2.9	.4	.3						14.5	8.5
W	.8	2.6	3.6	4.1	.4	.3	.3					12.0	10.0
WNW	.9	3.4	3.3	1.3								8.8	7.0
NW	.9	1.6	2.1	.3								4.9	6.5
NNW	1.0	1.9	.9	.1	.1							4.2	5.4
VARBL			2.4	3.5	.5							6.9	12.2
CALM												10.9	
	13.4	24.9	30.5	18.1	1.6	.9	.3					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 800

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 075951 WOODBRIDGE RAF UK STATION NAME 73-82 YEARS NCV
CLASS ALL WEATHER C300-0500
CONDITION NOON (L.T.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	2.4	.4	.4								6.3	4.3
NNE	.3	.1		.3	.1							.8	10.0
NE		.1	.4	.4	.1	.1						1.1	12.9
ENE		.1	.1		.1	.3						.6	16.6
E		.3	.3									.5	6.3
ESE	.6	.4	.1									1.1	3.3
SE	.5	.5	.1									1.1	4.2
SSE	.5	.4	.5									1.4	4.7
S	1.1	2.7	1.1	.3								4.5	5.4
SSW	1.9	3.3	4.3	.9								10.3	6.3
SW	1.0	3.5	4.7	4.2	.1							13.5	8.9
WSW	2.4	3.8	8.1	2.5	.9	.1						17.7	8.3
W	1.3	2.5	3.4	2.8		.8	.3					10.9	9.6
WNW	.8	1.3	2.4	1.3								5.7	8.2
NW	1.5	1.4	1.8	.6								5.3	6.3
NNW	1.0	1.4	.8	.1								3.3	5.3
VARBL			2.5	2.0	.9							5.4	12.0
CALM												10.4	
	16.7	23.4	30.8	15.6	2.3	1.3	.3					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

035951 000BRIDGE RAF UK 73-82 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASB 0600-0800
CORDITION HOURS (L & T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.5	.9	.1								4.6	4.8
NNE	.4		.2									.6	4.4
NE		.1	.4	.1	.4	.2	.1					1.4	17.1
ENE	.1	.1	.5	.4		.1						1.2	11.3
E	.1	.4	.2	.1								.9	6.9
ESE	.6	.4										1.0	3.5
SE	.5	.6	.4									1.5	4.8
SSE	1.4	1.2										2.4	3.6
S	1.7	1.5	.9	.1	.1							4.4	5.3
SSW	1.2	3.4	4.4	1.4	.1							10.5	7.3
SW	2.4	3.2	5.9	2.9	.1							14.5	7.8
WSW	2.4	2.2	6.4	1.5	.4	.4						13.2	8.1
W	1.1	2.6	4.4	3.9	.7	.9	.1					13.7	10.4
WNW	.7	1.5	1.7	.7								4.7	7.0
NW	1.1	.9	2.5	.2	.1							4.9	7.1
NNW	1.1	2.0	.9	.2								4.2	5.4
VARBL			3.4	3.2	.6	.1						7.4	12.1
CALM												9.1	
	17.1	21.2	33.0	15.0	2.6	1.7	.2					120.0	7.3

TOTAL NUMBER OF OBSERVATIONS 801

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 075951 WOODBIDGE RAF UK STATION NAME 73-82 YEARS NOV
DATE 0930-1100
HOURS (LST)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.7	.2	.4								4.8	5.8
NNE	.2	.1	.4									.7	6.7
NE	.1		.1	.2		.1						.6	12.7
ENE		.4	.6	.4	.2	.5	.1					2.2	14.3
E	.4	.6	.1	.2								1.4	6.3
ESE		.1	.1									.2	6.5
SE	.4	1.1	.1									1.4	4.8
SSE	.7	1.1	.2									2.1	4.4
S	1.7	3.0	1.1									5.1	5.8
SSW	1.7	1.7	4.0	3.1	.1							9.9	8.9
SW	1.0	3.2	5.6	3.2	.1							13.1	8.6
WSW	.6	2.1	5.8	4.0	.6							13.1	9.6
W	.5	1.6	4.7	4.4	.7	1.7						11.0	11.3
WNW	.5	1.2	2.7	1.5	.7	.1						6.0	9.6
NW	.5	1.6	1.9	1.5								5.4	8.2
NNW	1.2	2.6	1.1									4.9	5.0
VARBL			4.9	5.1	.9	.1						11.0	12.0
CALM												5.2	
	9.6	22.2	33.6	24.0	3.5	1.9	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 035951 WOODBRIDGE RAF UK STATION NAME YEARS 77-82 MONTHS NOV
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	1.2	2.3	1.4	.1								5.2	5.2
NNE	1.0	.4	.2	.1								1.7	4.8
NE	.2	.2	.2	.1								.9	6.0
ENE	.1	.2	.6	.1	.4	.6	.1					2.2	15.0
E	.1	.9	.1	.2								1.4	6.8
ESE	.1	.2	.1	.1								.6	7.4
SE	.2	.1	.4									.7	5.8
SSE	.5	1.1	.5									2.1	5.0
S	.5	1.8	1.2	.1								3.7	6.0
SSW	1.1	2.1	3.0	3.0								9.1	8.8
SW	.6	1.7	6.2	3.4	.2							12.2	9.2
WSW	.9	2.0	3.4	4.4	.9	.1						11.7	10.1
W	.2	1.4	5.4	6.4	1.6	.7	.1					15.9	12.1
WNW	.2	1.0	1.8	2.8	.4	.1						6.4	10.5
NW	.5	1.2	2.2	.9	.2							5.3	8.5
NNW	.6	1.5	.9	.5								3.4	6.8
VARBL			7.4	6.5	1.0							14.9	11.3
CALM												3.0	
	8.3	18.2	35.1	28.9	4.7	1.6	.2					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 812

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

035951 WOODBRIDGE RAF UK 73-80 NOV 1500-1700
STATION NAME YEARS MONTHS (L & T)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.1	.6	.6	.1							4.7	5.4
NNE	.6	.4	.4	.1								1.5	5.2
NE		.2	.6	.1								1.7	9.2
ENE	.5	.4	.1	.1	.2	.4						1.7	11.2
E			.4	.4		.1						.9	13.4
ESE	.1	.1	.1									.4	5.3
SE	.4	.1										.9	3.5
SSE	.9	.5	.5									1.9	4.7
S	1.6	2.3	1.4									5.3	4.8
SSW	1.7	3.6	3.7	2.2								11.2	7.9
SW	1.2	4.7	5.2	2.5								12.8	7.8
WSW	1.1	1.7	3.3	3.6	.4	.1						10.2	9.3
W	1.1	1.9	4.2	4.1	1.6		.2					13.1	10.7
WNW	.6	1.9	3.5	1.5		.3						7.7	8.7
NW	1.1	2.1	3.0	.9								7.2	7.3
NNW	.4	1.5	.5	.2								2.6	5.8
VARB			5.3	3.5	.4	.1						9.3	11.0
CALM												8.3	
	13.6	21.7	32.7	19.8	2.7	1.7	.2					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 15951 WOODBRIDGE RAF UK STATION NAME 73-82 YEARS NOV
CLASS ALL WEATHER HOURS (L.S.T.) 1800-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.4	1.4	.4								4.3	5.5
NNE	.1	.4	.5									1.1	5.9
NE	.1	.2	.5									.9	6.6
ENE	.1	.1	.2	.2	.2	.2						1.2	13.9
E	.4			.4	.1		.1					1.2	12.0
ESE	.1	.1	.2	.2								.7	8.5
SE	.2	.2										.5	3.8
SSE	.1	.6	.2									1.2	6.0
S	2.2	1.2	1.7	.4								4.8	4.7
SSW	2.7	3.9	3.5	2.3	.1							11.7	7.2
SW	1.6	3.1	6.2	3.7								13.8	7.9
WSW	1.7	2.6	4.7	2.6		.2						11.1	8.5
W	1.0	2.7	4.7	3.8	.6	.1						12.2	9.6
WNW	.7	1.9	3.7	1.4	.4	.1						8.1	8.5
NW	.6	2.3	1.4	.5								4.8	6.6
NNW	.6	1.1	.5	.1								2.3	5.4
VARBL			3.3	4.0	.7							8.0	11.8
CALM												11.9	
	12.7	21.1	32.0	19.3	2.2	.7	.1					100.0	7.2

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)

STATION 75951 STATION NAME WOODBRIDGE RAF UK YEARS 77-80 ALCV NOV 78

CLASS ALL WEATHER HOURS (LST) 0100-2100

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	1.5	1.5	.2	.5								3.4
NNE	.4	.5		.2								1.1
NE	.1	.1	.2									.5
ENE		.4	.2	.4	.9	.1						2.1
E	.1	.1	.2	.1	.1							.7
ESE	.2											.2
SE	.4	.4	.1	.1								1.1
SSE	.2	.4	.4	.2								1.2
S	1.2	1.5	.9	.5								4.1
SSW	1.4	3.2	3.1	2.3								10.0
SW	1.1	4.7	4.9	3.2	.2	.1						13.6
WSW	1.4	3.1	5.4	3.5	.4							13.7
W	.7	2.5	3.1	3.5	.4	.2	.1					10.5
WNW	1.1	3.1	3.2	1.2	.4	.1						9.1
NW	.9	2.3	1.2	.7								5.2
NNW	1.6	1.4	.5									3.5
VARBL			2.3	4.4	.1	.4						7.3
CALM												12.4
	12.5	24.4	26.2	21.0	2.5	1.7	.1					10.0

TOTAL NUMBER OF OBSERVATIONS 879

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 35951 STATION NAME WOODBRIDGE PAF JK YEARS 77-80
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.3	.9	.4	.2							4.1	3.5
NNE	.4	.3	.2	.1	.2							1.1	2.6
NE	.1	.2	.3	.1	.1	.1	.2					.2	12.9
ENE	.1	.2	.3	.3	.3	.3	.2					1.2	14.2
E	.1	.3	.2	.2	.2	.2	.2					.9	6.5
ESE	.3	.2	.1	.0								.7	4.3
SE	.4	.4	.2	.0								1.1	4.3
SSE	.6	.7	.3	.0								1.7	4.3
S	1.4	1.0	1.1	.2	.2							4.5	5.3
SSW	1.4	2.9	3.7	2.1	.2							12.2	7.6
SW	1.3	3.4	5.5	3.2	.1	.1						13.5	9.3
WSW	1.4	2.6	5.4	3.1	.5	.2						13.1	9.8
W	.8	3.1	4.2	4.1	.8	.5	.1					12.7	10.5
WNW	.7	1.9	2.7	1.5	.2	.1						7.1	8.4
NW	.9	1.7	2.0	.7	.2							5.3	7.1
NNW	.9	1.7	.7	.2	.2							3.5	5.3
VARBL			4.7	4.0	.6	.1						8.7	11.9
CALM												8.9	
	12.9	22.1	31.7	20.2	2.8	1.3	.2					17.3	7.7

TOTAL NUMBER OF OBSERVATIONS 6997

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

075051 WOODBRIDGE RAF UK

73-74-76-82

DIC

ALL WEATHER

0000-0200

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	1.2	1.3	.9	.1	.1							3.4
NNE		.5	.3									.3
NE	.1	.3	.9	.1								1.4
ENE	.7	.7	1.2	.8	.1	.1	.1					2.9
E	.7	.1	1.2									2.2
ESE	.7	.5	.7	.3	.1							1.8
SE	.4	.2	.7	.3								2.1
SSE	.2	.9	.4									2.1
S	1.7	2.1	.9	.9								5.6
SSW	.7	2.3	3.1	1.3								7.4
SW	.5	2.6	5.1	4.2	.1							12.5
WSW	1.7	1.9	4.6	3.9	.4							11.7
W	.7	2.1	3.3	3.9	1.6	.7						12.1
WNW	.9	1.7	2.9	1.8								7.2
NW	1.2	.7	1.4	.8	.1							4.2
NNW	.8	1.4	1.2	.3								3.6
VARBL			4.7	5.2	.5	.7						12.7
CALM												9.3
	11.1	19.4	33.1	23.8	7.1	1.0	.1					120.0

TOTAL NUMBER OF OBSERVATIONS

768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 70051 WOODBRIDGE RAF UK STATION NAME 73-74, 76-82 YEARS DEC MONTH
CLASS ALL WEATHER 3330-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.2	.8									3.4	4.7
NNE	.3	.5	.8	.3								1.9	6.9
NE	.1		.5	.3		.7						1.2	12.7
ENE			.5	.3								.8	1.2
E	1.7	.2	1.4	.1								3.3	5.9
ESE	.5	.9	.7	.1								2.2	6.3
SE	.4	.4	.4	.1								1.4	6.3
SSE	.3	.8										1.6	3.7
S	1.1	2.4	1.4	.3								5.2	5.7
SSW	1.7	2.0	3.7	1.4								9.2	7.3
SW	1.7	3.7	6.7	2.6	.4		.3	.1				13.3	9.4
WSW	1.2	1.1	4.6	4.6	.7							12.2	10.5
W	.8	1.8	3.7	4.1	1.4	.7						12.4	11.0
WNW		1.1	3.1	1.1	.1							5.4	9.1
NW	.5		1.4	1.4	.3							3.5	10.0
NNW	1.2	1.1	1.6	.1								4.1	5.5
VARBL		.1	5.3	3.8	.7	.3						10.2	11.5
CALM												9.7	
	11.3	18.1	35.2	20.5	3.5	1.2	.3	.1				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 735

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 135951 STATION NAME WOODBRIDGE RAF UK YEARS 73-74, 76-82 DFC MONTHS 0600-0800
CLASS ALL WEATHER HOURS (LST) 0600-0800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.8	1.4	.3	.3							4.6	6.5
NNE	.3	.9	.5									1.7	5.8
NE		.3	.1	.4		.4						1.2	14.2
ENE		.7	.1	.1								.9	7.3
E	.7	1.3	1.4									3.4	6.3
ESE	1.3	.7	.7	.5								2.9	6.2
SE	.5	.5	.7									1.7	5.5
SSE	.8	.5		.1								1.4	4.3
S	.7	2.4	1.4	.3								4.7	6.3
SSW	1.2	3.3	3.8	1.3								9.6	7.2
SW	1.7	2.1	5.1	2.4	.4							11.7	8.8
WSW	1.2	2.8	4.3	3.0	.9			.1				12.2	9.5
W	.7	3.3	2.4	5.6	1.7	.3	.1					13.4	10.4
WNW	.1	1.3	3.0	1.3	.5							6.3	9.3
NW	.1	1.3	1.3	1.0								3.8	8.4
NNW	.9	.7	.8	.1								2.5	5.4
VARBL			3.9	4.3	1.2	.3						9.7	12.4
CALM												9.3	
	17.9	22.7	31.1	20.8	4.3	.9	.1	.1				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 763

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35951 0008BRIDGE RAF UK 73-74-76-82 DEC 1973
STATION NAME YEARS
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	1.2	1.7	.6	.1								3.6	4.9
NNE	.2	1.0	1.2	.5								2.9	7.4
NE	.4	.2	.2	.2			.1					1.2	9.6
ENE	.2	.4	.7	.1		.1	.1					1.7	9.7
E	.2	.9	1.9	.4								3.9	7.6
ESE	.7	1.7	.6	.1								2.4	5.6
SE	1.1	1.3	.2	.1								2.8	4.2
SSE	.1	.7	1.7									1.8	6.5
S	.2	1.7	1.1	.2	.2							3.5	7.2
SSW	.7	2.4	2.9	1.9								6.0	7.9
SW	1.1	2.9	2.9	2.4	.8							10.2	8.9
WSW	.4	1.9	3.2	5.7	.4	.1						11.6	10.7
W	.4	2.4	4.4	6.8	.7	.6						15.3	11.1
WNW	.1	1.3	2.8	2.1	.5							6.8	9.6
NW	.7	1.2	1.6	1.0								4.5	7.7
NNW	.8	1.1	1.3	.6								3.9	6.8
VARBL			4.4	5.2	.8	.4	.2					11.0	12.2
CALM												5.3	
	8.7	22.2	31.0	27.5	3.5	1.2	.5					106.0	8.6

TOTAL NUMBER OF OBSERVATIONS 825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

SURFACE WINDS

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

035951 WOODBRIDGE RAF UK

73-74-76-82

DEC

ALL WEATHER

1200-1400

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.0	1.3	.2								1.4	6.2
NNE	.1	1.1	1.7									2.2	6.3
NE		.4	.5	.2	.1	.1						1.3	11.2
ENE	.2	.4	1.0	1.0		.2						2.8	10.5
E	.7	1.3	2.1	.5								4.6	6.5
ESE	.2	1.1	.8	.5								2.7	7.5
SE	.2	1.2	.6									2.1	5.6
SSE	.2	.7	.5	.1								1.6	6.2
S	.5	2.1	1.3	.2	.1							4.2	6.8
SSW	.4	1.7	1.9	2.3	.2							6.5	9.6
SW	.2	2.7	3.3	2.4	.4							9.7	9.7
WSW	.6	2.1	3.4	3.5	.7	.6						10.9	10.5
W	.6	1.9	5.5	8.5	1.7	1.1						19.3	12.0
WNW	.2	1.1	2.5	2.1	.5							6.4	10.2
NW	.6	1.1	2.8	1.6								6.1	8.6
NNW	.4	1.5	1.2	.5								3.5	7.2
VARBL			4.2	4.7	1.7	.6						10.5	12.8
CALM												2.9	
	6.2	21.2	33.9	28.4	4.7	2.7						170.0	9.8

TOTAL NUMBER OF OBSERVATIONS 825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 035951 STATION NAME WOODBRIDGE RAF UK YEARS 73-74, 76-82 DFC NORTH
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	1.2	1.6	.2								4.2	5.8
NNE	.6	.4	.7	.1								1.3	4.5
NE	.1	.2	1.3	.4	.1	.1						2.3	12.3
ENE		.6	.4	.4	.1	.1						1.6	1.0
E	.5	1.1	1.7	.6								3.2	7.3
ESE	.2	.8	.5	.4								1.9	6.8
SE	.4	1.1	.7	.2								2.4	6.3
SSE	.4	.6	.7	.2								1.9	7.2
S	1.6	2.9	1.3	.1	.1							6.1	5.5
SSW	2.2	2.4	3.7	.8	.1							8.6	6.7
SW	1.6	3.8	2.9	1.2								9.5	6.9
WSW	1.7	1.7	5.2	2.9	.7	.2						11.8	9.7
W	.7	2.7	4.5	6.7	1.7	.5	.1					16.8	11.2
WNW	.8	1.7	1.5	1.5		.2						5.7	8.4
NW	.2	1.0	1.8	.8								3.9	8.3
NNW	.4	1.7	1.2	.5								3.8	6.8
VARBL			4.6	2.9	.6	.1						8.2	11.2
CALM												6.8	
	11.9	23.9	32.5	20.0	3.5	1.3	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 035951 WOODBRIDGE RAF UK STATION NAME 73-74-76-82 YEARS DEC
MONTH 1830-2000
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.9	.5									2.4	5.0
NNE	.2	.5	.1	.2								1.1	6.3
NE		.1	.6	.1								.8	9.7
ENE	.1	.6	1.1	.2	.1							2.2	8.6
E	.6	.4	.8	1.7								3.5	8.9
ESE	.4	.2	1.1	.2								1.9	7.3
SE	.7	.5	.8	.4								2.4	6.2
SSE	.1	1.9	.6	.2								2.9	6.3
S	2.4	2.5	.8	.1								5.9	4.3
SSW	.7	2.8	3.9	1.5								8.9	7.9
SW	.8	3.2	5.7	2.4	.2							11.7	8.0
WSW	1.3	1.9	3.8	3.5	.4	.6						11.5	9.6
W	.4	3.9	4.1	5.2	.8	.8						15.2	10.9
WNW	.7	2.5	.8	1.2	.1							5.5	7.4
NW	.4	1.7	1.6	.8								4.5	7.8
NNW	.1	1.3	1.1	.4								2.9	7.1
VARBL			4.6	2.8	.6	.1						8.1	11.3
CALM												8.1	
	9.5	26.7	31.8	21.1	2.3	1.6						130.0	7.3

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)

STATION 035051 OODBRIDGE RAF UK 73-74-76-82 YEARS DIC
STATION NAME ALL WEATHER 2100-2300
CLASS HOURLY (L S T)
CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.7	.6									2.7	4.6
NNE	.4	.6	.5									1.5	5.8
NE			.4	.2								.9	1.4
ENE		.7	.5	1.0	.1							1.8	11.1
E	.7	.6	1.2	.5								2.6	8.7
ESE	.7	.5	1.7	.2	.4							2.8	8.7
SE	.5	.4	1.1	.1								2.1	6.6
SSE	.5	1.3	.7									2.6	5.5
S	1.2	1.3	1.2	.5								4.3	6.3
SSW	1.7	1.8	1.8	.9	.2							5.7	7.2
SW	.9	2.6	7.7	2.8	.2							14.1	8.6
WSW	1.3	2.4	3.7	2.9	.7	.2						11.3	9.2
W	1.0	2.2	3.8	3.9	.6	1.3						12.8	11.2
WNW	.0	1.7	2.8	1.7	.1							7.2	8.2
NW	.5	2.1	1.6	1.3								5.5	7.8
NNW	.4	2.1	.5									2.9	5.2
VARBL			5.0	3.9	.6	.2						9.8	11.6
CALM												9.8	
	10.5	22.9	34.0	20.0	3.0	1.8						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 820

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 75951 RODGE RIF HK STATION NAME 73-74-76-82 YEARS DEC
MONTH ALL
CLAS ALL
COND ALL

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.3	1.3	.1	.0							3.3	5.5
NNE	.3	.7	.6	.1	.0							1.7	6.2
NE	.1	.2	.6	.3	.0	.3	.7					1.3	10.6
ENE	.1	.4	.7	.5	.1	.1	.7					1.8	10.0
E	.6	.8	1.4	.5								3.3	7.3
ESE	.5	.7	.8	.3	.1							2.3	7.7
SE	.5	.8	.7	.2								2.1	5.8
SSE	.5	1.7	.5	.1								2.7	5.7
S	1.2	2.2	1.2	.3	.1							4.9	5.8
SSW	1.7	2.4	2.9	1.4	.1							7.8	7.6
SW	.9	2.9	4.7	2.5	.3		.7	.0				11.4	8.6
WSW	1.0	2.0	4.1	3.8	.6	.2		.0				11.7	9.8
W	.6	2.5	4.0	5.6	1.2	.8	.0					18.7	11.2
WNW	.5	1.6	2.4	1.6	.2	.7						6.3	8.8
NW	.5	1.1	1.7	1.1	.0							4.5	8.2
NNW	.6	1.4	1.1	.3								3.4	6.3
VARBL		.0	4.6	4.1	.6	.3	.7					9.8	11.9
CALM												7.4	
	10.0	21.8	32.8	22.8	3.5	1.5	.1	.0				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 6385

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 35951 WOODBRIDGE RAF UK STATION NAME 73-83 YEARS ALL
CLAS ALL WEATHER
CONDITION ALL
HOURS (L & T) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.6	1.9	.4	.2	.2						6.5	5.9
NNE	.6	1.3	1.4	.5	.2	.2						3.3	6.9
NE	.4	.9	1.4	1.7	.1	.2						3.3	8.7
ENE	.4	.3	1.1	.9	.1	.2	.2					3.5	8.6
E	.9	1.4	1.3	.6	.2	.2	.2					4.1	6.9
ESE	.8	1.7	.5	.1	.2							2.3	5.2
SE	.9	.5	.3	.1	.2							2.0	4.7
SSE	.8	1.7	.3	.2	.2							2.2	4.6
S	1.7	2.7	1.4	.3	.2							6.2	5.5
SSW	1.3	2.4	2.7	1.7	.1	.2						7.5	7.3
SW	1.2	2.7	3.3	1.5	.1	.2	.2	.2				8.8	7.6
WSW	1.1	2.0	3.0	1.7	.3	.2	.2	.2				8.1	8.3
W	.8	2.0	3.1	2.6	.6	.2	.2	.2	.2			9.4	9.6
WNW	.7	1.6	1.7	.8	.1	.2	.2	.2				5.1	7.7
NW	.9	1.5	1.3	.4	.2	.2	.2					4.1	6.5
NNW	.9	1.5	1.7	.2	.2	.2						3.6	5.7
VARBL	.0	.1	5.2	2.7	.3	.1	.2					8.9	10.5
CALM												10.6	
	14.7	26.3	31.0	15.0	1.9	.5	.1	.2	.2			102.0	6.7

TOTAL NUMBER OF OBSERVATIONS 82368

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 35251 00082106 RAF UK YEARS 71-83 ALL
STATION NAME 00082106 RAF UK HOURS (L & T) ALL
INSTRUMENT CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE.
CLASS AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.2	2.1	.4	.7							2.2	5.7
NNE	.8	1.8	2.7	.6	.7	.7						5.2	6.9
NE	.6	1.2	2.1	1.2	.3	.3						5.3	8.3
ENE	.7	1.1	1.2	.7	.7	.7						3.7	7.3
E	1.3	1.6	1.6	.4	.7	.7						5.1	6.1
ESE	1.0	1.1	.7	.1	.7							2.9	5.3
SE	1.1	1.2	.5	.1	.7							3.0	4.8
SSE	.9	1.3	.5	.1								2.8	4.9
S	2.1	2.8	1.4	.4	.1							6.7	5.5
SSW	1.2	2.1	2.7	1.4	.1							7.5	7.5
SW	1.4	2.5	2.3	1.3	.1							7.6	7.1
WSW	1.1	1.5	1.6	.4	.1	.7						4.7	6.4
W	.9	1.5	1.5	.8	.1	.7	.0					4.8	7.9
WNW	.6	1.6	1.2	.3	.7	.7						3.7	6.9
NW	.8	1.4	1.1	.2	.7							3.5	5.9
NNW	1.2	1.6	1.0	.1	.0							3.8	5.3
VARBL	.7	.7	3.5	2.2	.3	.1						6.0	11.0
CALM												15.9	
	17.6	27.5	27.0	10.8	1.1	.7	.0					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 15671

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	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	≥ 0
NO CEILING																
N 1800																
N 1500					91.0											92.6
N 1200																
N 1000																
N 900																
N 800																
N 700																
N 600																
N 500										97.4						98.1
N 400																
N 300																
N 200																
N 100					95.4		96.9			98.3						100.0
N 0																

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE / MAC

CEILING VERSUS VISIBILITY

75251 3008RIDGE RAF LK

74-75,77-87

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

000-0200

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)																			
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115
1000	18.2	22.9	26.4	29.2	31.4	31.6	34.1	34.2	34.6	35.7	35.9	36.1	36.1	36.7	36.6	36.6	36.6	36.6	36.6	36.6
900	19.8	24.5	28.7	31.5	32.0	34.1	36.7	37.1	37.4	38.8	39.1	39.2	39.2	39.3	39.7	39.7	39.7	39.7	39.7	39.7
800	19.9	24.6	28.1	31.5	34.7	34.2	36.8	37.1	37.5	38.9	39.2	39.3	39.3	39.5	39.8	39.8	39.8	39.8	39.8	39.8
700	19.9	24.6	28.1	31.6	34.7	34.2	36.8	37.1	37.5	38.9	39.2	39.3	39.3	39.5	39.8	39.8	39.8	39.8	39.8	39.8
600	19.9	24.6	28.1	31.6	34.7	34.2	36.8	37.1	37.5	38.9	39.2	39.3	39.3	39.5	39.8	39.8	39.8	39.8	39.8	39.8
500	20.3	25.0	28.5	32.0	34.4	34.6	37.2	37.5	37.9	39.3	39.6	39.7	39.7	39.8	40.2	40.2	40.2	40.2	40.2	40.2
400	20.7	25.5	29.7	32.7	35.7	35.3	37.9	38.5	38.9	40.4	40.6	40.8	40.8	40.9	41.3	41.3	41.3	41.3	41.3	41.3
300	22.3	25.7	29.2	32.6	35.3	35.7	38.3	38.9	39.3	40.8	41.1	41.1	41.1	41.3	41.7	41.7	41.7	41.7	41.7	41.7
200	23.7	29.7	33.6	37.6	40.4	40.8	43.4	44.0	44.4	45.8	46.1	46.2	46.2	46.4	46.7	46.7	46.7	46.7	46.7	46.7
100	24.7	31.9	34.9	39.1	41.8	42.2	44.8	45.4	45.8	47.3	47.5	47.7	47.7	47.8	48.2	48.2	48.2	48.2	48.2	48.2
000	24.9	31.9	35.7	39.2	41.9	42.3	44.9	45.6	46.1	47.4	47.7	47.8	47.8	47.9	48.3	48.3	48.3	48.3	48.3	48.3
000	26.2	32.8	37.0	42.6	45.7	46.1	48.8	49.5	49.9	51.3	51.6	51.7	51.7	51.8	52.2	52.2	52.2	52.2	52.2	52.2
000	26.7	32.9	37.1	42.7	45.8	46.2	49.3	50.0	50.4	51.8	52.1	52.2	52.2	52.3	52.7	52.7	52.7	52.7	52.7	52.7
000	28.4	36.6	40.3	47.5	51.2	52.7	55.3	56.0	56.3	58.2	58.5	58.6	58.6	58.6	59.1	59.1	59.1	59.1	59.1	59.1
000	29.7	39.7	44.3	51.2	54.9	55.7	59.7	60.0	60.8	62.2	62.5	62.6	62.6	62.8	63.2	63.2	63.2	63.2	63.2	63.2
000	34.9	45.4	57.3	57.8	62.0	62.8	66.7	68.1	69.0	70.4	70.7	70.8	70.8	71.1	71.4	71.4	71.4	71.4	71.4	71.4
000	35.9	46.5	51.7	59.5	63.8	64.7	68.9	70.3	71.2	72.7	72.9	73.0	73.0	73.3	73.6	73.6	73.6	73.6	73.6	73.6
000	37.7	48.0	52.0	62.5	69.2	69.3	74.3	76.2	77.1	78.6	78.9	79.0	79.0	79.2	79.6	79.6	79.6	79.6	79.6	79.6
000	37.2	48.4	53.3	63.4	69.1	70.2	75.4	77.2	78.1	79.7	79.9	80.1	80.1	80.2	80.6	80.6	80.6	80.6	80.6	80.6
000	38.7	49.9	54.6	65.6	71.7	72.9	79.1	79.9	80.9	82.4	82.7	82.8	82.8	82.9	83.3	83.3	83.3	83.3	83.3	83.3
000	38.4	50.5	56.1	68.9	75.5	76.8	82.2	84.1	85.1	86.6	86.8	87.0	87.0	87.1	87.5	87.5	87.5	87.5	87.5	87.5
000	38.5	50.7	56.3	69.5	76.3	77.6	83.1	85.2	86.1	87.6	87.9	88.0	88.0	88.2	88.5	88.5	88.5	88.5	88.5	88.5
000	38.5	50.8	56.4	69.7	76.7	78.1	84.7	86.3	87.2	88.5	89.1	89.2	89.2	89.3	89.7	89.7	89.7	89.7	89.7	89.7
000	38.7	50.9	56.5	70.1	77.1	78.4	84.5	86.8	87.8	89.3	89.6	89.7	89.7	89.8	90.2	90.2	90.2	90.2	90.2	90.2
000	38.7	51.0	56.6	70.6	78.0	79.3	85.8	88.2	89.1	90.6	90.9	91.0	91.0	91.1	91.5	91.5	91.5	91.5	91.5	91.5
000	38.7	51.1	56.6	71.0	78.4	79.7	86.5	89.1	90.0	91.5	91.8	91.9	91.9	92.0	92.4	92.4	92.4	92.4	92.4	92.4
000	38.7	51.2	56.8	71.5	79.0	80.5	87.6	90.6	91.5	93.1	93.4	93.5	93.5	93.6	94.0	94.0	94.0	94.0	94.0	94.0
000	38.8	51.2	56.8	71.7	79.4	80.9	88.2	91.1	92.4	94.3	94.5	94.7	94.7	94.8	95.2	95.2	95.2	95.2	95.2	95.2
000	38.8	51.2	56.9	71.7	79.4	81.0	88.4	91.4	92.8	95.4	96.0	96.1	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5
000	38.8	51.2	56.9	71.7	79.4	81.0	88.4	91.5	93.0	96.0	96.7	96.9	96.9	97.1	97.5	97.5	97.5	97.5	97.5	97.5
000	38.8	51.2	56.9	71.7	79.4	81.0	88.4	91.5	93.0	96.0	96.7	96.9	96.9	97.3	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS 768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

075951 WOODBRIDGE RAF UK

74-75,77-87

1A1

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-0500

ECONOMY FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																							
	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350
10000	27.0	23.2	25.5	29.0	31.3	31.4	32.7	33.1	33.5	34.3	34.7	34.5	34.7	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
8000	21.1	24.7	27.1	30.6	33.3	33.5	35.1	35.2	35.8	36.6	36.6	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
6000	21.2	24.8	27.3	30.8	33.5	33.6	35.2	35.4	35.9	36.7	36.7	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
4000	21.3	25.7	27.4	30.9	33.6	33.7	35.4	35.5	36.7	36.8	36.8	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
2000	21.9	25.5	27.9	31.4	34.1	34.3	35.8	36.1	36.6	37.4	37.4	37.8	37.9	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
1000	22.5	26.3	29.7	32.7	36.0	36.3	39.3	39.5	39.7	39.8	39.8	40.2	40.4	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
500	22.8	26.6	29.7	32.9	36.3	36.6	39.9	39.9	39.5	40.4	40.4	40.8	40.9	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
400	25.6	30.1	32.9	37.8	41.4	41.7	44.7	44.3	44.8	45.6	45.6	46.0	46.2	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
300	26.5	31.2	34.7	39.0	42.6	42.9	45.7	45.5	46.7	46.8	46.8	47.2	47.4	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
200	26.5	31.2	34.7	39.0	42.6	42.9	45.7	45.5	46.7	46.8	46.8	47.2	47.4	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
100	28.1	33.2	36.7	42.0	46.3	46.7	49.7	49.5	50.1	50.2	50.2	51.3	51.4	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
50	28.1	33.6	36.4	42.5	46.8	47.2	49.8	50.1	50.6	51.4	51.4	51.8	52.7	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
25	30.5	36.6	39.8	46.4	51.4	51.8	54.7	54.9	55.9	56.7	56.7	57.1	57.2	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
10	31.6	39.7	42.9	50.2	55.2	55.6	58.4	58.7	59.6	60.5	60.5	60.9	61.0	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
5	35.6	44.3	47.8	55.5	61.7	61.1	64.7	64.6	65.6	66.4	66.4	66.8	66.9	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
2	36.7	44.7	48.2	56.5	62.6	63.0	66.7	66.8	67.7	68.6	68.6	69.0	69.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
1	38.2	47.9	51.6	61.4	68.2	68.7	71.9	72.7	73.7	74.9	74.9	75.3	75.4	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
0.5	38.6	48.4	52.2	62.6	69.4	69.9	73.1	74.1	74.9	76.1	76.1	76.5	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
0.2	39.7	50.2	54.7	65.7	72.7	73.3	77.2	78.1	79.2	80.4	80.4	80.8	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
0.1	39.9	50.9	55.9	69.2	76.7	77.2	81.6	82.7	83.8	85.0	85.0	85.3	85.4	85.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
0.05	40.2	51.3	56.4	71.0	78.8	79.4	83.9	85.0	86.1	87.3	87.3	87.7	87.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
0.02	40.2	51.3	56.4	71.0	78.8	79.4	83.9	85.2	86.2	87.4	87.4	87.9	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
0.01	40.2	51.3	56.4	71.4	79.4	79.9	84.5	85.7	86.8	88.0	88.0	88.4	88.5	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
0.005	40.2	51.3	56.4	71.5	80.7	80.7	85.6	86.9	88.0	89.2	89.2	89.6	89.7	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
0.002	40.2	51.3	56.5	71.7	80.3	81.1	86.1	87.6	88.9	90.1	90.1	90.6	90.7	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
0.001	40.2	51.3	56.5	72.3	81.1	81.9	87.3	89.5	91.0	92.4	92.4	92.8	93.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
0.0005	40.2	51.3	56.5	72.3	81.1	82.1	87.4	89.6	91.2	92.8	92.8	93.3	93.4	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
0.0002	40.2	51.3	56.5	72.3	81.1	82.1	87.9	90.0	91.4	93.8	93.8	94.3	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
0.0001	40.2	51.3	56.5	72.3	81.1	82.1	88.3	90.6	92.6	95.3	95.3	96.0	96.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.00005	40.2	51.3	56.5	72.3	81.1	82.1	88.3	90.6	92.6	95.3	95.3	96.0	96.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.00002	40.2	51.3	56.5	72.3	81.1	82.1	88.3	90.6	92.6	95.3	95.3	96.0	96.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.00001	40.2	51.3	56.5	72.3	81.1	82.1	88.3	90.6	92.6	95.3	95.3	96.0	96.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS 781

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7951 WOODBRIDGE PAF UK

74-75, 77-87

1A1

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

660-600

		VISIBILITY: STATUTE MILES																OR (IN NUMBERS OF METERS)																
		20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	250	200	150	100	50	40	30	20	15	10	5	4	3	2	1	0	
1	15.7	19.5	22.1	24.6	27.2	27.3	28.6	29.2	37.3	30.8	37.8	31.0	31.7	31.2	31.3	31.4																		
2	17.9	22.6	25.5	28.6	32.0	32.1	33.5	34.4	35.4	36.1	36.1	36.4	36.4	36.6	36.7	36.9																		
3	18.7	22.8	25.6	28.8	32.7	32.3	33.9	34.7	35.7	36.4	36.4	36.6	36.6	36.9	37.1	37.1																		
4	18.7	22.9	25.7	29.0	32.3	32.5	34.7	34.8	35.8	36.5	36.7	36.7	36.7	37.2	37.1	37.3																		
5	18.4	23.3	25.1	29.4	32.7	32.9	34.4	35.2	36.7	36.9	36.9	37.1	37.1	37.4	37.5	37.6																		
6	18.5	23.4	26.3	29.5	32.9	33.0	34.5	35.3	36.4	37.0	37.0	37.3	37.3	37.5	37.6	37.8																		
7	19.4	24.3	27.4	31.0	34.7	35.1	36.7	37.9	38.9	39.6	39.6	39.8	39.8	40.1	40.2	40.4																		
8	19.9	24.8	28.1	31.7	35.3	35.7	37.4	38.6	39.6	40.2	40.2	40.5	40.5	40.9	41.1	41.1																		
9	22.4	27.9	32.1	36.2	40.2	40.8	42.5	43.7	44.8	45.4	45.4	45.7	45.7	46.1	46.2	46.3																		
10	22.9	28.6	32.7	37.1	41.1	41.7	43.5	44.6	45.8	46.4	46.4	46.7	46.7	47.1	47.2	47.3																		
11	22.9	28.6	32.7	37.1	41.1	41.7	43.5	44.6	45.8	46.4	46.4	46.7	46.7	47.1	47.2	47.3																		
12	24.5	30.8	34.9	39.6	43.6	44.2	46.1	47.2	48.4	49.7	49.7	49.9	49.9	50.1	50.2	50.2																		
13	25.1	31.6	35.8	40.5	44.5	45.1	47.1	48.3	49.4	50.2	50.3	50.6	50.6	51.1	51.2	51.4																		
14	27.7	35.2	39.7	44.9	49.3	50.1	52.1	53.3	54.6	55.4	55.5	55.8	55.8	56.3	56.4	56.5																		
15	29.5	38.3	42.9	49.2	53.8	54.7	56.9	58.2	59.5	60.3	60.4	60.7	60.7	61.2	61.4	61.6																		
16	34.7	43.5	48.1	54.7	60.5	61.6	63.9	65.6	67.0	67.9	67.9	68.2	68.2	68.7	69.0	69.1																		
17	34.4	43.9	48.5	55.4	61.3	62.4	64.7	66.5	67.9	68.7	68.8	69.1	69.1	69.6	69.9	70.0																		
18	36.1	46.1	51.2	59.9	66.0	67.0	69.6	71.5	73.7	73.7	73.9	74.1	74.1	74.6	74.9	75.0																		
19	36.1	46.1	51.2	60.3	66.4	67.4	70.0	72.1	73.5	74.3	74.4	74.6	74.6	75.2	75.4	75.5																		
20	37.3	47.7	53.2	62.6	69.6	70.6	73.5	75.5	77.7	77.7	77.9	78.1	78.1	78.7	78.9	79.0																		
21	38.0	48.9	54.9	66.1	73.5	74.5	77.4	79.6	81.7	81.9	82.7	82.3	82.3	82.8	83.1	83.2																		
22	38.3	49.4	55.5	67.9	75.7	77.1	80.2	82.4	83.8	85.0	85.1	85.4	85.4	85.9	86.2	86.3																		
23	38.4	49.5	55.6	68.3	76.1	77.5	80.6	82.9	84.3	85.5	85.6	85.9	85.9	86.4	86.7	86.8																		
24	38.6	49.8	55.9	68.7	76.7	78.1	81.5	83.8	85.3	86.4	86.5	86.8	86.8	87.3	87.7	87.8																		
25	38.6	50.1	56.4	69.6	77.7	79.2	82.5	84.9	86.3	87.6	87.8	88.1	88.1	88.6	89.0	89.1																		
26	38.6	50.1	56.4	70.0	78.3	79.7	83.4	85.8	87.2	88.5	88.9	89.3	89.4	89.9	90.3	90.4																		
27	38.6	50.1	56.7	70.2	79.0	80.5	84.5	87.6	89.1	90.7	91.6	92.0	92.2	92.8	93.1	93.3																		
28	38.6	50.1	56.7	70.2	79.0	80.5	84.6	88.0	90.7	92.5	93.4	93.8	94.0	95.0	95.3	95.6																		
29	38.6	50.1	56.7	70.2	79.0	80.5	84.7	88.1	91.1	93.1	94.2	94.7	95.3	96.2	97.0	97.8																		
30	38.6	50.1	56.7	70.2	79.0	80.5	84.7	88.1	91.1	93.1	94.4	95.2	95.9	96.9	98.1	99.9																		
31	38.6	50.1	56.7	70.2	79.0	80.5	84.7	88.1	91.1	93.1	94.4	95.2	95.9	96.9	98.2	100.0																		

TOTAL NUMBER OF OBSERVATIONS 773

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 125901 WOODBRIDGE RAF UK

74-75, 77-87

JA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

250-1100

CEILING FEET	VISIBILITY: STATUTE MILES																OR (HUNDREDS OF METERS)			
	210	200	250	240	230	220	210	200	250	240	230	220	210	200	250	240	230	220	210	200
NO. THINGS	GT90	EC90	GE80	GE60	GE48	GE40	GE32	GE24	GE20	GE16	GE12	GE10	GE8	GE6	GE5	GE4	GE3	GE2	GE1	GE0
2 20000	12.1	16.2	17.6	20.9	23.1	23.1	23.9	24.9	25.1	25.2	25.4	25.5	25.7	25.8	25.9					
2 18000	14.4	19.2	20.2	25.2	27.6	27.6	29.7	30.2	30.5	30.7	30.7	30.8	31.1	31.2	31.4					
2 16000	14.5	19.4	21.1	25.5	28.1	28.1	29.6	30.7	30.8	31.1	31.2	31.3	31.4	31.7	31.9	32.0				
2 14000	14.7	19.7	21.3	25.8	28.3	28.3	29.9	30.9	31.1	31.2	31.5	31.5	31.7	31.9	32.0	32.3				
2 12000	14.9	19.8	21.5	25.9	28.4	28.4	30.7	31.1	31.2	31.4	31.7	31.7	31.9	32.0	32.1	32.4				
2 10000	15.5	20.6	22.3	26.9	29.4	29.4	31.9	32.0	32.1	32.4	32.6	32.6	32.7	33.0	33.1	33.3				
2 8000	16.6	22.1	23.9	28.7	31.2	31.2	32.7	33.9	34.1	34.3	34.5	34.5	34.7	34.9	35.0	35.3				
2 6000	17.4	22.8	24.9	29.9	32.4	32.4	34.1	35.3	35.4	35.6	35.9	35.9	36.2	36.3	36.6					
2 4000	20.6	26.9	29.3	34.7	38.4	38.5	40.2	41.4	41.5	41.8	42.2	42.2	42.3	42.7	42.8	43.0				
2 2000	21.2	27.7	30.1	35.5	39.2	39.3	41.7	42.2	42.3	42.7	43.0	43.0	43.2	43.5	43.6	43.9				
2 1000	21.3	27.9	31.5	35.9	39.6	39.7	41.4	42.6	42.7	43.0	43.4	43.4	43.5	43.9	44.0	44.2				
2 500	21.9	29.1	31.7	37.4	41.5	41.6	43.4	44.6	44.7	45.1	45.7	45.7	45.8	46.2	46.3	46.5				
2 450	22.5	29.7	32.6	38.5	42.8	43.4	45.2	46.5	46.8	47.4	47.7	47.7	47.9	48.2	48.3	48.6				
2 400	24.7	32.5	36.2	43.2	48.1	48.7	50.5	51.8	52.0	53.0	53.4	53.4	53.5	54.0	54.1	54.4				
2 3500	27.1	35.4	39.4	46.5	51.9	52.6	54.9	56.2	56.5	57.6	57.9	57.9	58.0	58.5	58.6	59.0				
2 3000	30.9	41.0	45.6	53.1	59.2	60.7	62.4	63.9	64.1	65.3	65.7	65.8	65.9	66.4	66.5	66.9				
2 2500	31.1	41.4	46.5	54.4	60.7	61.4	63.9	65.5	65.8	67.1	67.5	67.6	67.7	68.2	68.3	68.7				
2 2000	32.5	42.9	49.6	57.6	64.3	65.7	67.7	69.9	70.3	71.6	71.9	72.1	72.2	72.7	72.8	73.1				
2 1800	32.7	43.2	49.7	58.2	64.9	65.6	68.5	70.6	71.0	72.3	72.7	72.8	72.9	73.4	73.5	73.9				
2 1500	33.9	45.0	51.1	61.3	68.2	68.9	72.1	74.2	74.7	76.1	76.5	76.6	76.9	77.3	77.5	77.8				
2 1200	34.3	45.8	52.8	63.4	71.7	72.7	75.8	78.3	78.9	80.6	80.9	81.1	81.3	81.9	82.0	82.4				
2 1000	34.3	45.9	53.2	64.0	72.4	73.4	76.6	79.3	80.0	81.9	82.3	82.4	82.6	83.2	83.3	83.7				
2 900	34.4	46.2	54.0	65.6	74.1	75.2	78.4	81.1	81.9	83.8	84.2	84.3	84.5	85.1	85.3	85.6				
2 800	34.4	46.4	54.3	66.5	75.4	76.6	79.9	82.7	83.6	85.7	86.1	86.2	86.5	87.1	87.2	87.5				
2 700	34.4	46.5	54.7	67.4	76.4	77.6	80.9	83.8	84.7	86.8	87.2	87.5	88.0	88.6	88.7	89.1				
2 600	34.4	46.6	54.8	67.6	76.6	77.8	81.2	84.2	85.0	87.5	88.1	88.6	89.1	89.7	89.8	90.2				
2 500	34.5	46.8	54.9	68.1	77.5	78.7	82.0	85.4	86.5	89.6	90.2	90.9	91.5	92.3	92.4	92.8				
2 400	34.5	46.8	54.9	68.1	77.9	79.1	82.7	86.6	87.9	91.6	92.2	93.0	93.6	94.5	94.6	95.0				
2 300	34.5	46.8	55.0	68.2	78.1	79.3	83.0	87.1	88.7	93.2	94.0	95.0	95.7	96.6	96.9	97.4				
2 200	34.5	46.8	55.0	68.2	78.1	79.3	83.0	87.2	89.0	93.6	94.6	95.8	96.6	97.8	98.1	99.9				
2 100	34.5	46.8	55.0	68.2	78.1	79.3	83.0	87.2	89.0	93.6	94.6	95.8	96.6	97.8	98.1	100.0				
2 0	34.5	46.8	55.0	68.2	78.1	79.3	83.0	87.2	89.0	93.6	94.6	95.8	96.6	97.8	98.1	100.0				

TOTAL NUMBER OF OBSERVATIONS 138

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 735951 WOODBRIDGE RAF UK

74-75, 77-87

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1222-1400

CEILING FEET	VISIBILITY: STATUTE MILES																OR (HUNDREDS OF METERS)			
	210	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	210	250	300	350
NO. CEILING	GT93	EQ93	GE98	GE66	GE48	GE40	GE32	GE24	GE20	GE16	GE12	GE10	GE08	GE05	GE04	GE03				
2 20000	13.3	17.0	18.2	23.5	24.7	25.1	25.2	26.1	26.1	26.2	26.2	26.2	26.2	26.2	26.3	26.4				
2 18000	16.6	21.2	23.7	28.6	37.4	31.1	32.2	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.7	32.8	32.9			
2 16000	16.6	21.4	23.2	28.7	37.5	31.2	32.3	32.5	32.5	32.7	32.7	32.7	32.7	32.7	32.8	32.9	33.0			
2 14000	16.8	21.7	23.5	29.1	30.9	31.6	32.7	32.9	32.9	33.7	33.7	33.7	33.7	33.7	33.8	33.9	34.0			
2 12000	17.4	22.4	24.2	37.0	31.8	32.5	33.6	33.9	33.9	34.0	34.7	34.7	34.7	34.7	34.7	34.7	34.7			
2 10000	18.5	23.6	25.6	31.5	33.5	34.2	35.3	35.5	35.5	35.7	35.7	35.7	35.7	35.7	35.8	35.9	36.0			
2 9000	19.2	24.5	26.4	32.5	34.9	35.8	36.9	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.3	37.5	37.6			
2 8000	21.6	28.3	37.5	38.7	41.5	42.4	43.5	43.8	43.8	44.1	44.1	44.1	44.1	44.1	44.2	44.3	44.4			
2 7000	22.7	29.1	31.2	39.7	42.6	43.5	44.5	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.3	45.4	45.5			
2 6000	22.0	29.1	31.2	39.9	42.9	43.7	44.8	45.1	45.1	45.4	45.4	45.4	45.4	45.4	45.5	45.6	45.7			
2 5000	23.2	30.5	32.7	41.5	44.5	45.4	46.5	46.8	46.8	47.1	47.1	47.1	47.1	47.1	47.2	47.3	47.4			
2 4500	23.5	31.7	33.4	43.0	46.7	46.8	48.7	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.7	48.9	49.0			
2 4000	26.4	34.6	38.2	48.7	52.0	52.9	54.4	54.9	54.9	55.3	55.3	55.3	55.3	55.3	55.5	55.6	55.7			
2 3500	29.1	38.3	42.1	52.8	56.9	57.9	59.4	59.9	60.7	60.7	60.7	60.7	60.7	60.7	60.9	61.7	61.1			
2 3000	32.8	43.1	47.9	58.9	63.5	64.5	66.7	67.2	67.6	68.4	68.4	68.5	68.5	68.5	68.7	68.9	69.7			
2 2500	32.9	43.6	48.6	67.0	64.8	65.8	67.5	68.7	69.7	69.9	69.9	70.0	70.0	70.0	70.1	70.3	70.5			
2 2000	35.4	46.8	52.3	64.7	69.7	70.7	72.4	73.6	73.9	74.8	74.8	74.9	74.9	74.9	75.7	75.3	75.4			
2 1800	35.4	47.2	53.2	65.9	71.3	72.3	74.1	75.3	75.6	76.5	76.5	76.6	76.6	76.6	76.7	77.7	77.1			
2 1500	35.5	47.9	54.5	67.7	73.3	74.3	76.1	77.4	77.8	78.8	78.8	78.9	78.9	78.9	79.0	79.2	79.4			
2 1200	36.1	48.9	56.1	70.1	77.0	78.0	80.0	81.3	81.6	82.6	82.6	82.7	82.7	82.7	83.7	83.2	83.3			
2 1000	36.3	49.1	56.4	71.9	79.6	80.7	82.7	84.4	84.8	85.8	85.8	86.0	86.0	86.0	86.9	86.7	87.0			
2 900	36.3	49.1	56.5	72.0	79.7	80.8	82.8	84.5	84.9	86.0	86.0	86.1	86.2	86.2	86.7	86.9	87.3			
2 800	36.4	49.3	56.9	72.7	81.0	82.1	84.4	86.1	86.4	87.5	87.6	87.8	87.8	87.8	88.2	88.5	88.8			
2 700	36.4	49.5	57.4	73.6	82.2	83.3	86.1	87.9	88.2	89.7	90.0	90.2	90.2	90.2	90.6	90.9	91.2			
2 600	36.4	49.5	57.4	73.8	82.6	83.8	86.2	88.8	89.3	90.9	91.2	91.4	91.4	91.4	91.8	92.1	92.4			
2 500	36.4	49.6	57.5	74.1	82.8	84.4	87.5	89.9	90.4	92.6	92.9	93.3	93.3	93.8	94.1	94.5				
2 400	36.4	49.6	57.5	74.1	83.1	84.8	88.4	91.1	91.7	94.5	94.8	95.3	95.6	96.7	96.4	96.8				
2 300	36.4	49.6	57.5	74.1	83.1	84.8	88.5	91.4	92.2	95.2	95.8	96.3	96.5	97.0	97.4	98.0				
2 200	36.4	49.6	57.5	74.1	83.1	84.8	88.5	91.6	92.4	95.7	96.4	97.1	97.4	98.0	98.7	99.5				
2 100	36.4	49.7	57.6	74.2	83.2	84.9	88.6	91.7	92.6	95.8	96.5	97.2	97.5	98.1	98.8	100.0				
2 0	36.4	49.7	57.6	74.2	83.2	84.9	88.6	91.7	92.6	95.8	96.5	97.2	97.5	98.1	98.8	100.0				

TOTAL NUMBER OF OBSERVATIONS 833

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NO. 35951 STATION NAME WOODBRIDGE RAF UK

YEAR 74-75, 77-82

MONTH MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

PERIOD 15-2-1700

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	210	20	25	24	23	22	27	21	21	21	21	21	21	21	21	20
NO CEILING	13.2	17.2	17.9	22.9	24.5	24.5	25.2	25.5	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8
2 20000	16.9	21.6	23.3	29.3	31.6	31.8	32.9	33.1	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5
2 18000	17.2	21.8	23.5	29.5	31.8	32.1	33.7	33.4	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7
2 16000	17.2	21.8	23.5	29.5	31.8	32.1	33.7	33.4	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7
2 14000	17.2	22.3	23.6	29.7	31.9	32.2	33.1	33.5	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9
2 12000	17.6	22.6	24.2	30.3	32.5	32.9	33.7	34.1	34.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5
2 10000	18.1	23.2	25.1	31.3	33.6	33.9	34.8	35.2	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5
2 9000	18.5	23.8	25.7	31.9	34.2	34.5	35.7	36.0	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4
2 8000	20.9	26.9	29.3	36.5	39.4	39.6	41.8	41.2	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5
2 7000	21.6	28.3	30.7	38.1	41.2	41.4	42.6	43.1	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5
2 6000	21.7	28.5	30.9	38.2	41.3	41.5	42.7	43.2	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6
2 5000	23.2	30.3	33.1	41.7	43.8	44.1	45.3	45.7	46.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1
2 4500	23.3	30.9	33.7	42.1	45.4	45.6	47.1	47.5	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9
2 4000	25.9	34.3	37.6	46.6	50.2	50.4	51.9	52.6	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4
2 3500	28.9	38.7	42.4	52.0	56.2	56.5	58.1	59.3	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1
2 3000	32.5	44.3	48.6	59.3	63.9	64.2	65.8	67.2	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1
2 2500	32.7	44.4	49.7	59.9	64.7	65.1	66.7	68.2	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0
2 2000	33.9	46.5	51.4	64.1	69.5	69.9	71.9	73.3	73.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4
2 1800	34.1	46.8	51.7	64.9	70.5	70.8	73.7	74.4	74.9	75.5	75.5	75.5	75.5	75.5	75.5	75.5
2 1600	34.2	47.2	52.5	66.6	72.9	73.2	75.5	77.3	78.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6
2 1400	34.6	48.0	53.9	70.2	77.1	77.4	79.8	82.0	82.8	83.7	83.7	83.7	83.7	83.7	83.7	83.7
2 1200	34.8	48.3	54.4	71.7	79.7	79.5	82.2	84.5	85.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
2 1000	34.8	48.3	54.4	71.8	79.4	79.8	82.6	84.9	86.0	87.3	87.4	87.4	87.4	87.4	87.4	87.4
2 900	34.8	48.3	54.4	72.5	80.3	80.8	83.7	86.0	87.2	88.6	88.7	88.7	88.7	88.8	88.8	88.8
2 800	34.9	48.5	54.7	73.2	81.5	81.5	84.6	87.0	88.2	89.8	89.9	89.9	89.9	90.0	90.0	90.0
2 700	35.1	48.6	54.9	73.2	81.5	82.1	85.2	87.8	89.0	90.8	90.9	90.9	90.9	91.0	91.0	91.0
2 600	35.2	48.7	55.7	73.5	81.9	82.5	86.1	89.2	90.6	92.9	93.0	93.0	93.0	93.3	93.3	93.3
2 500	35.2	48.7	55.7	73.6	82.1	82.7	86.7	90.3	91.7	94.1	94.4	94.5	94.6	94.8	94.8	95.1
2 400	35.2	48.7	55.7	73.6	82.1	82.7	86.9	91.0	92.4	95.2	95.8	96.0	96.4	96.6	96.8	97.4
2 300	35.2	48.7	55.7	73.6	82.1	82.7	86.9	91.0	92.7	96.0	96.8	97.0	97.4	97.6	97.7	98.7
2 200	35.2	48.7	55.7	73.6	82.1	82.7	86.9	91.0	92.7	96.0	96.8	97.0	97.4	97.7	98.0	99.6
2 100	35.2	48.7	55.7	73.6	82.1	82.7	86.9	91.0	92.7	96.0	96.8	97.0	97.4	97.7	98.0	100.0
2 0	35.2	48.7	55.7	73.6	82.1	82.7	86.9	91.0	92.7	96.0	96.8	97.0	97.4	97.7	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 833

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035951

WOODBRIDGE RAF UK

74-75, 77-87

1A

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-0-0000

CEILING FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)			
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	2516	2516	2516	2516
≥10000	17.1	20.5	21.7	26.9	28.3	28.7	28.8	29.1	29.6	30.2	30.2	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥8000	20.7	24.6	25.8	32.0	33.7	34.2	34.4	34.9	35.4	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥6000	20.7	24.7	25.9	32.1	33.8	34.3	34.5	35.0	35.5	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥4000	20.9	24.8	26.1	32.3	33.9	34.4	34.7	35.1	35.6	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥2000	21.2	25.4	26.7	33.0	34.7	35.1	35.4	35.9	36.3	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥1000	22.3	26.5	27.8	34.2	36.0	36.5	37.1	37.8	38.2	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥800	22.8	27.1	28.4	34.9	36.7	37.2	37.8	38.5	39.1	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥600	24.9	30.5	31.9	39.0	41.1	41.6	42.6	43.5	44.0	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥400	26.3	32.4	33.8	40.9	43.0	43.5	44.8	45.8	46.3	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥200	26.5	32.9	34.3	41.4	43.5	44.0	45.3	46.3	46.8	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥100	27.7	34.4	36.7	43.0	45.6	46.0	47.5	48.4	48.9	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥80	28.3	35.3	36.9	44.4	47.0	47.5	49.3	50.2	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥60	30.6	38.1	40.5	49.0	52.8	53.2	55.4	56.4	57.1	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥40	33.2	42.0	44.6	53.6	57.7	58.2	60.8	61.9	62.5	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥20	37.1	47.4	51.5	59.8	64.7	64.5	67.1	68.3	68.9	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥10	37.3	47.8	51.1	60.6	65.1	65.6	68.3	69.7	70.3	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥8	38.4	49.4	52.9	63.9	69.5	70.0	73.5	75.1	75.7	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥6	39.4	49.4	52.9	64.3	70.1	70.6	74.5	76.3	76.9	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥4	38.6	50.2	54.1	67.0	73.1	73.6	77.6	79.6	80.2	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥2	39.3	50.7	54.9	69.1	76.1	76.6	81.1	83.5	84.1	85.1	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥1	39.3	51.0	55.3	69.8	77.1	77.6	82.1	84.7	85.3	86.7	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥0.8	39.3	51.1	55.4	70.3	78.2	78.7	83.5	86.5	87.1	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥0.6	39.3	51.3	55.6	71.2	79.3	79.7	85.4	88.5	89.1	90.5	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥0.4	39.3	51.3	56.0	71.8	80.9	81.4	87.9	91.7	92.4	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥0.3	39.3	51.3	56.0	71.8	81.4	81.9	88.5	92.7	93.5	96.3	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥0.2	39.3	51.3	56.0	71.8	81.4	81.9	88.5	92.7	93.8	96.8	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥0.1	39.3	51.3	56.0	71.8	81.4	81.9	88.5	92.7	93.8	96.8	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS 839

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 030951 WOODBRIDGE RAF UK

74-75.77-87

101

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11.2-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO CEILING	18.6	22.7	24.5	28.4	29.4	29.7	37.9	31.8	32.3	33.7	33.1	33.1	33.1	33.7	33.2	33.3
≥20000	20.4	24.6	26.4	31.4	32.4	33.0	34.7	35.7	36.2	37.1	37.2	37.2	37.2	37.3	37.3	37.4
≥18000	21.4	24.6	26.4	31.7	32.6	33.2	34.9	36.0	36.5	37.3	37.4	37.4	37.4	37.5	37.5	37.6
≥16000	22.7	24.9	26.7	31.8	32.7	33.3	35.0	36.1	36.6	37.4	37.5	37.5	37.5	37.6	37.6	37.8
≥14000	23.7	24.9	26.7	31.8	32.7	33.3	35.7	36.1	36.6	37.4	37.5	37.5	37.5	37.6	37.6	37.8
≥12000	21.0	25.2	27.1	32.0	33.7	33.6	35.3	36.3	36.8	37.6	37.8	37.8	37.8	37.9	37.9	38.0
≥10000	21.6	26.3	28.1	33.1	34.1	34.7	36.6	37.8	38.2	39.1	39.2	39.2	39.2	39.3	39.3	39.4
≥9000	22.1	26.7	28.5	33.6	34.7	35.3	37.2	38.4	38.8	39.7	39.8	39.8	39.8	39.9	39.9	40.0
≥8000	25.4	31.7	32.6	38.6	47.7	40.6	42.6	43.9	44.4	45.2	45.3	45.3	45.3	45.4	45.4	45.6
≥7000	26.1	32.3	34.2	40.3	41.7	42.3	44.2	45.6	46.0	46.9	47.0	47.0	47.0	47.1	47.1	47.2
≥6000	26.1	32.3	34.2	40.3	41.7	42.3	44.2	45.6	46.0	46.9	47.0	47.0	47.0	47.1	47.1	47.2
≥5000	27.6	34.2	36.1	42.6	44.1	44.7	47.1	48.4	48.9	49.8	49.9	49.9	49.9	50.0	50.0	50.1
≥4500	27.9	34.5	36.7	43.4	45.1	45.7	48.4	49.8	50.2	51.1	51.2	51.2	51.2	51.3	51.3	51.4
≥4000	37.5	38.5	42.8	48.3	51.2	51.8	54.9	56.4	57.1	58.0	58.2	58.2	58.2	58.4	58.4	58.6
≥3500	33.1	42.1	44.7	52.8	55.9	56.5	60.2	61.9	62.7	63.7	63.8	63.8	63.8	64.0	64.0	64.3
≥3000	35.2	46.2	49.3	57.8	61.4	62.1	65.9	67.6	68.5	69.4	69.5	69.5	69.5	69.8	69.8	70.0
≥2500	37.2	47.2	50.4	59.2	63.4	64.3	68.3	70.1	71.7	71.9	72.1	72.1	72.1	72.3	72.3	72.5
≥2000	38.4	49.2	52.8	63.7	68.5	69.8	74.7	76.5	77.3	78.3	78.4	78.4	78.4	78.7	78.7	78.9
≥1800	38.6	49.6	53.2	64.9	69.7	71.0	75.9	77.8	78.7	79.6	79.7	79.7	79.7	80.0	80.0	80.2
≥1500	39.7	50.1	54.7	66.5	71.6	72.9	77.8	79.7	80.6	81.5	81.7	81.7	81.7	82.4	82.4	82.6
≥1200	39.1	51.1	54.9	69.1	75.1	76.4	81.5	83.5	84.4	85.4	85.5	85.5	85.5	85.6	86.2	86.5
≥1000	39.1	51.1	54.9	69.7	75.9	77.2	82.6	84.5	85.5	86.5	86.6	86.6	86.6	87.3	87.3	87.5
≥900	39.1	51.1	54.9	69.7	75.9	77.2	82.7	84.8	85.7	86.7	86.8	86.8	86.8	87.5	87.5	87.8
≥800	39.1	51.2	55.1	70.1	76.6	77.9	83.7	86.0	86.9	87.9	88.0	88.0	88.0	88.7	88.7	89.0
≥700	39.1	51.6	55.5	71.6	78.2	79.6	85.7	88.1	89.2	90.2	90.3	90.3	90.4	91.0	91.0	91.2
≥600	39.2	51.7	55.6	71.9	78.5	80.0	86.3	88.7	89.8	91.0	91.1	91.1	91.2	91.8	91.8	92.1
≥500	39.2	51.7	55.6	72.3	79.4	80.8	88.2	90.9	92.0	93.6	93.8	93.8	93.9	94.5	94.5	94.7
≥400	39.3	51.8	55.8	72.7	79.7	81.3	89.0	91.6	92.8	94.5	94.6	94.6	94.7	95.3	95.3	95.6
≥300	39.3	51.8	55.9	72.8	79.9	81.5	89.7	92.3	93.5	95.6	95.8	95.8	95.9	96.8	97.0	97.2
≥200	39.3	51.9	56.7	72.9	80.0	81.7	89.8	92.6	94.0	96.3	96.5	96.8	97.0	97.8	98.3	99.0
≥100	39.3	51.9	56.7	72.9	80.0	81.7	89.8	92.6	94.0	96.3	96.5	96.8	97.0	98.2	98.8	99.9
≥0	39.3	51.9	56.0	72.9	80.0	81.7	89.8	92.6	94.0	96.3	96.5	96.8	97.0	98.2	98.8	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

75951

WOODBRIDGE RAF UK

74-75,77-83

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	210	26	25	24	23	22	22	21	21	21	21	21	21	21	21	21
	GT9	FC9	GF8	GF6	GF4	GF4	GF3	GF2	GF2	GF1	GF1	GF1	GF1	GF1	GF1	GF1
21000	16.7	19.8	21.6	25.6	27.4	27.6	28.7	29.1	29.5	30.0	30.1	30.2	30.2	30.3	30.4	30.5
20000	18.4	22.8	24.9	29.6	31.8	32.1	33.5	34.5	34.4	35.0	35.1	35.2	35.2	35.4	35.5	35.6
218000	18.5	23.0	25.1	29.8	32.7	32.3	33.7	34.3	34.7	35.3	35.3	35.4	35.5	35.7	35.9	35.8
217000	18.6	23.1	25.2	29.9	32.1	32.4	33.9	34.4	34.9	35.4	35.4	35.5	35.6	35.8	35.8	35.9
214000	18.7	23.2	25.3	30.1	32.2	32.6	34.0	34.5	34.9	35.5	35.6	35.7	35.7	35.9	36.0	36.1
212000	19.1	23.7	25.8	31.6	32.8	33.1	34.5	35.1	35.5	36.1	36.2	36.2	36.3	36.5	36.6	36.6
211000	20.3	24.7	26.9	31.9	34.2	34.6	36.1	36.8	37.2	37.8	37.9	38.0	38.0	38.2	38.3	38.4
21000	20.4	25.2	27.5	32.5	34.9	35.3	37.7	37.7	38.1	38.7	38.7	38.8	38.9	39.1	39.2	39.2
21000	23.1	28.9	31.5	37.4	47.3	40.7	42.4	43.2	43.6	44.2	44.7	44.4	44.4	44.7	44.7	44.8
21000	23.8	30.0	32.7	38.7	41.7	42.3	43.8	44.6	45.0	45.7	45.8	45.8	45.9	46.1	46.2	46.3
21000	24.2	30.2	32.9	38.9	41.8	42.3	44.7	44.8	45.2	45.8	45.9	46.0	46.7	46.3	46.4	46.4
21000	25.2	31.9	34.6	41.2	44.4	44.8	46.7	47.5	47.9	48.6	48.7	48.8	48.8	49.2	49.1	49.2
21000	25.6	32.4	35.3	42.1	45.4	45.9	48.7	48.8	49.3	49.9	50.0	50.1	50.2	50.4	50.5	50.6
21000	28.0	35.9	39.2	46.9	52.8	51.4	53.6	54.5	55.1	56.0	56.1	56.2	56.2	56.5	56.6	56.7
21000	30.4	39.3	42.9	51.1	55.3	56.0	58.5	59.5	60.2	61.1	61.2	61.3	61.3	61.6	61.7	61.8
21000	34.2	44.4	48.5	57.2	61.9	62.6	65.2	66.6	67.3	68.2	68.4	68.5	68.5	68.8	68.9	69.1
21000	34.7	44.9	49.2	58.2	63.3	64.7	66.8	68.2	69.0	69.9	70.0	70.2	70.2	70.5	70.6	70.7
21000	36.2	47.1	51.7	62.2	68.7	68.8	72.7	73.6	74.3	75.4	75.5	75.6	75.7	76.2	76.1	76.2
21000	36.4	47.4	52.1	63.1	68.9	69.7	73.1	74.7	75.4	76.5	76.6	76.7	76.8	77.1	77.2	77.3
21000	37.3	48.5	53.6	65.4	71.7	72.5	76.7	77.7	78.5	79.6	79.7	79.9	79.9	80.3	80.4	80.5
21000	37.4	49.3	54.7	68.3	75.3	76.2	79.9	81.8	82.7	83.8	84.0	84.1	84.2	84.6	84.7	84.8
21000	37.5	49.6	55.3	69.4	76.8	77.8	81.7	83.7	84.6	85.9	86.1	86.2	86.3	86.7	86.8	86.9
21000	37.5	49.6	55.4	69.7	77.2	78.2	82.1	84.3	85.2	86.5	86.7	86.8	86.9	87.3	87.4	87.6
21000	37.6	49.8	55.6	70.3	78.1	79.1	83.2	85.4	86.4	87.7	87.9	88.1	88.1	88.5	88.7	88.8
21000	37.6	49.9	55.9	71.1	79.1	80.1	84.6	86.9	87.8	89.3	89.5	89.7	89.8	90.2	90.4	90.5
21000	37.6	50.0	56.0	71.4	79.5	80.6	85.3	87.8	88.7	90.4	90.6	90.8	90.9	91.4	91.5	91.6
21000	37.7	50.0	56.1	71.7	80.2	81.3	86.4	89.3	90.4	92.5	92.8	93.1	93.2	93.7	93.8	94.0
21000	37.7	50.1	56.1	71.8	80.5	81.7	86.9	90.1	91.4	93.7	94.0	94.3	94.5	95.2	95.1	95.3
21000	37.7	50.1	56.2	71.9	80.5	81.7	87.2	90.5	92.0	94.7	95.2	95.6	95.8	96.4	96.7	97.0
21000	37.7	50.1	56.2	71.9	80.5	81.7	87.3	90.7	92.3	95.4	96.7	96.5	96.9	97.6	98.2	98.7
21000	37.7	50.1	56.2	71.9	80.6	81.8	87.3	90.7	92.3	95.4	96.1	96.6	97.7	97.9	98.5	99.8
21000	37.7	50.1	56.2	71.9	80.6	81.8	87.3	90.7	92.3	95.4	96.1	96.6	97.0	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6850

USAF ETAC 12-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35951

2004RIDGE DAF, UK

14-75.77-47

565

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

330-0000

ELEVATION FEET	VISIBILITY STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
10000	14.4	16.5	18.9	24.9	27.3	28.7	31.7	32.0	32.9	33.3	33.4	34.7	34.3	34.9	35.3	36.4
9000	16.2	18.9	21.3	28.0	30.4	32.0	34.6	35.6	36.4	36.8	37.7	37.6	37.8	38.4	38.8	40.0
8000	16.2	18.9	21.3	29.2	30.6	32.1	34.7	35.7	36.6	37.1	37.1	37.7	38.7	38.5	39.7	40.1
7000	16.2	18.9	21.3	28.2	30.6	32.1	34.7	35.7	36.6	37.0	37.1	37.7	38.7	38.5	39.7	40.1
6000	16.4	19.1	21.5	28.3	30.7	32.3	34.9	35.8	36.7	37.1	37.3	37.8	38.1	38.7	39.1	40.3
5000	16.6	19.3	21.8	28.6	31.0	32.6	35.1	36.1	37.0	37.4	37.6	38.1	38.4	39.0	39.4	40.5
4000	16.9	20.1	22.9	29.9	32.3	33.9	36.8	37.8	38.7	39.1	39.3	39.8	40.1	40.7	41.1	42.7
3000	17.2	20.3	23.2	30.2	32.6	34.1	37.1	38.1	39.0	39.4	39.5	40.1	40.4	41.0	41.4	42.5
2000	18.8	22.7	26.0	33.3	36.0	37.6	40.3	41.7	42.5	43.0	43.2	43.8	44.1	44.7	45.1	46.2
1000	19.9	23.6	27.7	35.1	38.7	40.3	43.8	45.1	45.9	46.4	46.7	47.2	47.5	48.1	48.5	49.6
500	19.9	23.6	27.7	35.4	39.7	40.5	44.1	45.5	46.4	46.9	47.7	47.8	48.1	48.6	49.1	50.2
0	20.1	24.0	28.2	36.0	39.5	41.1	44.8	46.4	47.2	47.8	48.1	48.6	48.9	49.5	49.9	51.1
10000	20.6	24.8	29.0	37.3	41.1	42.7	46.4	47.9	48.8	49.4	49.6	50.2	50.5	51.1	51.5	52.6
9000	21.9	26.7	31.3	41.0	45.5	47.2	51.4	53.1	53.9	54.5	54.8	55.3	55.6	56.2	56.6	57.8
8000	23.2	28.9	33.4	43.4	47.9	49.6	53.8	55.6	56.5	57.0	57.3	57.9	58.2	58.7	59.2	60.3
7000	24.3	30.6	36.3	47.2	52.3	54.1	58.6	60.6	61.5	62.2	62.4	63.0	63.3	63.7	64.3	65.4
6000	24.9	31.3	37.3	49.2	54.5	56.2	60.7	63.0	63.9	64.6	64.9	65.4	65.7	66.3	66.7	67.9
5000	26.5	33.7	40.1	53.2	58.9	60.9	65.6	68.7	69.7	70.6	70.8	71.4	71.7	72.3	72.7	73.8
4000	26.6	33.9	40.3	53.9	60.0	62.0	66.7	69.8	70.8	71.7	72.7	72.5	72.8	73.4	73.8	75.0
3000	27.3	34.7	41.5	56.5	62.7	64.7	70.0	73.5	74.5	75.5	75.8	76.4	76.7	77.2	77.7	78.8
2000	27.9	35.8	43.7	58.9	65.7	67.7	73.7	77.2	78.4	79.5	79.8	80.4	80.7	81.2	81.7	82.8
1000	27.9	36.3	43.4	59.6	66.4	68.4	74.7	78.4	79.5	80.8	81.1	81.7	81.9	82.5	82.9	84.1
500	27.9	36.3	43.4	59.7	66.6	68.6	74.1	78.7	79.8	81.2	81.5	82.1	82.4	82.9	83.4	84.5
0	27.9	36.4	43.5	60.5	67.3	69.3	74.8	79.8	80.9	82.6	82.9	83.5	83.8	84.4	84.8	85.9
10000	27.9	36.4	43.7	61.2	68.6	70.6	76.2	81.7	82.9	84.6	84.9	85.5	85.8	86.3	86.8	87.9
9000	27.9	36.4	43.7	61.3	69.0	71.0	77.2	82.6	83.9	86.2	86.5	87.1	87.3	87.9	88.3	89.5
8000	27.9	36.6	44.0	61.7	69.4	71.4	78.1	84.8	86.1	88.6	88.9	89.5	89.8	90.3	90.8	91.9
7000	27.9	36.6	44.0	61.9	69.6	71.7	79.1	86.6	87.9	90.9	91.3	91.9	92.3	93.6	95.2	96.3
6000	27.9	36.6	44.7	61.9	69.6	71.7	79.1	86.9	88.2	91.6	92.3	92.9	93.6	95.3	97.0	98.6
5000	27.9	36.6	44.7	61.9	69.6	71.7	79.1	86.9	88.2	91.6	92.3	92.9	93.6	95.6	97.4	100.0
4000	27.9	36.6	44.7	61.9	69.6	71.7	79.1	86.9	88.2	91.6	92.3	92.9	93.6	95.6	97.4	100.0
3000	27.9	36.6	44.7	61.9	69.6	71.7	79.1	86.9	88.2	91.6	92.3	92.9	93.6	95.6	97.4	100.0
2000	27.9	36.6	44.7	61.9	69.6	71.7	79.1	86.9	88.2	91.6	92.3	92.9	93.6	95.6	97.4	100.0
1000	27.9	36.6	44.7	61.9	69.6	71.7	79.1	86.9	88.2	91.6	92.3	92.9	93.6	95.6	97.4	100.0
0	27.9	36.6	44.7	61.9	69.6	71.7	79.1	86.9	88.2	91.6	92.3	92.9	93.6	95.6	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 723

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

75951
STATION

0008PIDGE RAF UK
STATION NAME

74-75, 7E-07
YEAR

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

7300-7500
ELEVATION

ELEVATION FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																			
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8
21000	11.4	12.6	14.7	27.0	21.5	23.6	27.2	28.3	28.3	28.8	29.2	29.4	29.8	31.0	31.6	32.6				
20000	13.8	15.4	17.4	23.4	24.9	27.0	30.6	31.8	31.8	32.2	32.6	32.8	33.2	34.4	35.0	36.1				
218000	13.8	15.4	17.4	23.4	24.9	27.0	30.6	31.8	31.8	32.2	32.6	32.8	33.2	34.4	35.0	36.1				
216000	13.8	15.4	17.4	23.4	24.9	27.0	30.6	31.8	31.8	32.2	32.6	32.8	33.2	34.4	35.0	36.1				
214000	13.8	15.4	17.4	23.4	24.9	27.0	30.6	31.8	31.8	32.2	32.6	32.8	33.2	34.4	35.0	36.1				
212000	14.2	15.9	17.8	23.9	25.4	27.4	31.1	32.2	32.2	32.6	33.1	33.2	33.7	34.9	35.5	36.5				
210000	14.7	17.4	19.6	25.8	27.3	29.4	33.1	34.3	34.7	34.7	35.2	35.3	35.8	36.9	37.5	38.6				
208000	14.8	17.5	19.7	26.1	27.6	29.7	33.4	34.6	34.6	35.0	35.5	35.6	36.1	37.2	37.8	38.9				
206000	16.8	21.0	22.7	29.5	31.3	33.8	38.1	39.5	39.5	39.9	40.4	40.5	40.9	42.1	42.7	43.8				
204000	17.1	20.8	23.7	30.7	32.6	35.2	39.8	41.2	41.2	41.7	42.1	42.3	42.7	43.9	44.5	45.5				
202000	17.5	21.2	24.2	31.6	33.5	36.1	40.7	42.1	42.1	42.6	43.0	43.2	43.6	44.8	45.4	46.4				
200000	18.0	22.3	25.7	33.2	35.2	37.7	42.3	43.8	43.8	44.4	44.8	45.0	45.4	46.6	47.2	48.2				
218000	18.5	23.3	27.2	34.7	36.9	39.5	44.1	45.5	45.5	46.3	46.7	46.9	47.3	48.5	49.1	50.1				
216000	19.7	26.0	29.8	37.7	39.9	42.4	47.9	49.4	49.4	50.3	50.7	50.9	51.3	52.5	53.1	54.2				
214000	21.5	28.3	32.2	40.7	43.2	45.3	51.3	53.0	53.0	53.9	54.3	54.5	54.9	56.1	56.7	57.7				
212000	23.3	30.4	34.7	45.1	49.4	51.7	57.3	59.1	59.1	59.9	60.4	60.5	61.2	62.2	62.8	63.8				
210000	23.6	30.9	35.2	46.3	49.6	52.2	58.5	60.2	60.2	61.1	61.6	61.7	62.2	63.4	63.9	65.0				
208000	26.1	34.1	38.9	51.3	55.5	58.6	65.1	67.7	67.7	68.5	69.0	69.1	69.6	70.8	71.4	72.4				
206000	26.1	34.1	38.9	51.3	55.5	58.6	65.1	67.7	67.7	68.5	69.0	69.1	69.6	70.8	71.4	72.4				
204000	26.7	35.0	40.1	53.6	58.3	61.4	68.4	71.5	71.5	72.4	72.8	73.0	73.4	74.6	75.2	76.3				
202000	27.2	35.6	40.8	55.2	60.5	63.6	71.4	74.5	74.5	75.7	76.1	76.3	76.7	77.9	78.5	79.5				
200000	27.3	36.1	41.5	56.5	61.9	65.0	72.7	76.1	76.1	77.6	78.0	78.2	78.6	79.8	80.4	81.5				
218000	27.3	36.1	41.5	56.5	61.9	65.0	72.7	76.1	76.1	77.6	78.0	78.2	78.6	79.8	80.4	81.5				
216000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
214000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
212000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
210000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
208000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
206000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
204000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
202000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
200000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
218000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
216000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
214000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
212000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
210000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
208000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
206000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
204000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
202000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
200000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
218000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
216000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
214000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
212000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
210000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
208000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
206000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
204000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
202000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				
200000	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4				

TOTAL NUMBER OF OBSERVATIONS 674

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

1759-1 000801000 RAF UK

74-75-77-87

FEF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6-7-7800

CEILING FEET	VISIBILITY STATUTE MILES															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
10000	9.4	11.3	12.7	17.3	19.5	21.5	22.8	24.3	24.7	25.7	26.7	26.1	26.5	27.1	27.5	28.0
8000	10.0	11.6	14.4	20.4	22.7	23.7	26.2	27.8	28.2	29.2	29.5	29.7	30.1	30.7	31.2	31.8
6000	17.7	11.8	14.4	20.4	22.7	23.7	26.4	28.0	28.4	29.4	29.7	29.8	30.2	30.8	31.4	32.0
4000	17.1	12.1	14.6	22.5	22.8	23.8	26.5	28.1	28.5	29.5	29.8	30.0	30.4	31.0	31.5	32.1
2000	17.3	12.1	14.8	21.8	23.1	24.1	26.9	28.4	28.8	29.8	30.1	30.2	30.7	31.2	31.8	32.4
1000	17.7	12.6	15.3	21.3	23.5	24.5	27.2	28.8	29.2	30.2	30.5	30.7	31.1	31.7	32.2	32.8
800	11.6	13.6	16.4	22.5	24.8	25.8	28.5	30.1	30.5	31.5	31.8	32.0	32.4	33.0	33.5	34.1
600	12.0	14.0	17.3	23.5	26.1	27.1	29.8	31.4	31.8	32.8	33.1	33.2	33.7	34.2	34.8	35.4
400	14.3	16.7	21.1	26.7	29.8	31.1	34.8	36.4	36.8	37.8	38.1	38.2	38.7	39.4	39.9	40.5
200	14.8	17.8	21.5	28.1	31.5	32.8	36.5	38.2	38.7	39.7	39.9	40.1	40.5	41.2	41.8	42.4
100	14.9	17.8	21.5	28.2	31.7	33.0	36.7	38.4	38.9	39.9	40.1	40.2	40.7	41.4	41.9	42.5
80	15.5	19.3	23.3	30.1	33.8	35.1	38.9	40.8	41.2	42.5	42.8	43.1	43.5	44.2	44.8	45.5
60	15.7	19.7	23.8	30.8	34.7	35.9	39.9	41.9	42.4	43.7	44.1	44.4	44.8	45.5	46.1	46.8
40	17.5	22.1	26.5	34.8	39.2	40.8	44.9	47.2	47.6	48.9	49.4	49.6	50.1	50.8	51.4	52.1
20	19.7	24.5	29.1	37.4	42.4	44.2	48.8	51.4	51.9	53.6	54.1	54.4	54.8	55.5	56.1	56.8
10	22.0	28.1	33.1	42.9	48.6	50.5	55.4	58.5	58.9	60.9	61.7	61.8	62.2	62.9	63.5	64.2
8	22.0	28.1	33.4	43.8	49.5	51.5	56.6	59.5	59.9	62.2	63.6	63.1	63.5	64.2	64.8	65.5
6	25.7	31.7	37.7	49.6	54.8	57.3	62.6	65.5	66.0	68.3	68.8	69.2	69.6	70.3	70.9	71.6
4	25.7	31.8	37.8	48.9	55.3	57.9	63.3	66.2	66.8	69.2	69.6	70.2	70.6	71.3	71.9	72.6
2	25.2	32.2	38.4	50.5	57.3	59.9	65.9	69.2	70.2	72.6	73.0	73.6	74.0	74.8	75.3	76.0
1	25.8	32.8	39.1	52.4	59.8	62.3	69.3	73.0	74.2	76.7	77.2	77.7	78.2	79.0	79.6	80.3
0.8	25.8	33.0	39.4	52.6	60.3	62.9	70.5	74.3	75.5	78.2	78.6	79.2	79.6	80.5	81.2	81.7
0.6	25.8	33.0	39.5	52.8	60.5	63.1	70.6	74.5	75.6	78.6	79.0	79.6	80.0	80.9	81.5	82.2
0.4	26.1	33.5	40.1	53.6	61.5	64.1	71.8	75.6	76.7	79.7	80.2	80.7	81.2	82.0	82.6	83.3
0.2	26.1	33.5	40.1	53.9	62.1	64.8	72.5	76.5	77.6	81.3	81.7	82.5	82.9	83.7	84.3	85.0
0.1	26.1	33.5	40.1	54.4	62.6	65.3	73.2	77.5	78.9	82.6	83.0	83.7	84.2	85.3	86.0	86.9
0.05	26.1	33.5	40.4	55.2	63.8	66.5	74.8	79.9	81.5	85.7	86.2	86.9	87.3	88.7	89.4	90.3
0.02	26.1	33.5	40.4	55.2	63.8	66.6	75.7	80.9	82.6	87.2	87.6	88.3	88.7	90.3	91.2	91.9
0.01	26.1	33.5	40.4	55.2	63.8	66.6	75.7	81.5	83.3	88.4	89.3	90.2	90.6	92.3	93.3	94.4
0.005	26.1	33.5	40.4	55.2	63.8	66.6	75.7	81.5	83.3	88.4	89.6	90.6	91.2	93.4	95.4	98.4
0.002	26.1	33.5	40.4	55.2	63.8	66.6	75.7	81.5	83.3	88.4	89.6	90.6	91.3	93.9	96.4	99.9
0.001	26.1	33.5	40.4	55.2	63.8	66.6	75.7	81.5	83.3	88.4	89.6	90.6	91.3	93.9	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 721

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

CENTRAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE MAC

CEILING VERSUS VISIBILITY

121951 WOODHURST RAF, UK

74-75, 77-81

558

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1219-1222

		CEILING (HUNDREDS OF METERS)																			
		0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150-159	160-169	170-179	180-189	190-199	200-209	210-219
1	0-29	9.4	10.6	14.4	19.4	25.7	27.8	21.9	22.9	27.4	23.8	23.8	24.7	24.5	24.9	24.9	24.9	24.9	24.9	24.9	24.9
2	30-39	12.1	14.6	16.7	21.2	23.6	24.2	25.4	27.1	27.7	28.2	28.2	28.7	29.1	29.5	29.6	29.6	29.6	29.6	29.6	29.6
3	40-49	17.3	14.8	16.7	21.3	24.1	24.5	25.1	27.5	27.5	28.7	28.7	29.2	29.6	30.0	30.2	30.2	30.2	30.2	30.2	30.2
4	50-59	17.3	14.8	16.7	21.3	24.1	24.5	25.1	27.5	27.5	28.7	28.7	29.2	29.6	30.0	30.2	30.2	30.2	30.2	30.2	30.2
5	60-69	17.3	14.8	16.7	21.3	24.1	24.5	25.1	27.5	27.5	28.7	28.7	29.2	29.6	30.0	30.2	30.2	30.2	30.2	30.2	30.2
6	70-79	12.8	16.3	18.4	22.1	25.5	26.4	26.1	29.5	29.5	30.5	30.5	30.5	31.4	31.4	32.1	32.1	32.1	32.1	32.1	32.1
7	80-89	11.9	17.1	19.2	24.6	27.4	29.1	29.8	31.4	31.5	32.7	32.7	33.2	33.6	34.1	34.1	34.1	34.1	34.1	34.1	34.1
8	90-99	13.2	19.8	22.4	28.3	31.6	32.4	34.7	36.4	36.6	37.8	37.8	38.5	38.9	39.7	39.7	39.7	39.7	39.7	39.7	39.7
9	100-109	13.6	21.7	24.7	29.8	33.2	34.1	36.5	38.2	38.5	39.7	39.7	40.3	40.7	41.1	41.1	41.1	41.1	41.1	41.1	41.1
10	110-119	13.6	21.1	24.4	29.2	33.6	34.4	36.7	38.6	38.9	40.1	40.1	40.7	41.1	41.5	41.5	41.5	41.5	41.5	41.5	41.5
11	120-129	14.6	22.3	25.6	30.0	35.4	36.2	38.7	40.4	40.7	42.2	42.2	43.1	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7
12	130-139	14.9	22.8	26.0	33.5	37.3	38.2	40.7	42.6	43.7	44.3	44.3	44.4	45.1	45.5	45.5	45.5	45.5	45.5	45.5	45.5
13	140-149	16.2	24.6	28.5	36.9	41.1	42.2	45.2	47.3	47.7	49.0	49.0	49.7	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3
14	150-159	18.1	27.3	31.1	40.3	44.8	45.8	49.4	51.6	52.0	53.5	53.5	54.4	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2
15	160-169	22.8	31.1	34.9	46.5	52.8	54.7	57.8	61.2	61.9	62.5	62.5	63.6	64.7	64.4	64.4	64.4	64.4	64.4	64.4	64.4
16	170-179	21.1	31.7	35.7	47.7	54.3	55.6	59.6	61.9	62.6	64.2	64.6	65.3	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1
17	180-189	22.9	34.8	38.7	52.7	59.7	61.1	65.3	67.7	68.4	70.0	70.6	71.4	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2
18	190-199	22.9	34.8	38.7	53.2	60.7	62.2	66.4	69.0	69.7	71.3	71.9	72.7	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5
19	200-209	22.9	35.0	39.7	54.1	62.2	63.8	68.0	71.0	72.3	74.3	75.0	75.8	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5
20	210-219	23.6	35.8	40.3	55.9	65.2	66.9	71.5	75.4	76.7	79.1	79.7	80.5	80.9	81.3	81.4	81.4	81.4	81.4	81.4	81.4
21	220-229	23.7	36.0	40.6	57.2	66.9	68.6	73.4	77.5	78.8	81.3	82.2	83.0	83.5	83.9	84.1	84.1	84.1	84.1	84.1	84.1
22	230-239	23.7	36.0	40.7	57.4	67.3	69.0	73.8	78.7	79.3	81.8	82.7	83.5	84.1	84.5	84.6	84.6	84.6	84.6	84.6	84.6
23	240-249	24.3	36.2	41.1	58.2	68.4	70.1	74.8	79.2	80.5	83.3	84.2	85.0	85.5	85.9	86.0	86.0	86.0	86.0	86.0	86.0
24	250-259	24.3	36.2	41.1	58.5	68.8	70.5	75.5	80.2	81.6	84.5	85.4	86.2	86.7	87.1	87.2	87.2	87.2	87.2	87.2	87.2
25	260-269	24.3	36.2	41.2	58.9	69.4	71.1	76.3	81.6	83.3	86.4	87.4	88.1	88.7	89.2	89.3	89.3	89.3	89.3	89.3	89.3
26	270-279	24.0	36.2	41.2	58.9	70.2	72.1	77.6	83.7	85.6	88.8	89.9	90.6	91.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5
27	280-289	24.3	36.2	41.2	58.9	70.4	72.2	78.3	84.8	86.4	89.9	91.0	92.6	93.9	95.7	96.4	96.7	96.7	96.7	96.7	96.7
28	290-299	24.3	36.2	41.2	58.9	70.4	72.2	78.3	84.8	87.1	91.2	92.8	94.5	95.7	97.5	98.2	98.2	98.2	98.2	98.2	98.2
29	300-309	24.3	36.2	41.2	58.9	70.4	72.2	78.3	84.8	87.1	91.2	92.8	94.5	95.7	97.5	98.2	98.2	98.2	98.2	98.2	98.2
30	310-319	24.0	36.2	41.2	58.9	70.4	72.2	78.3	84.8	87.1	91.2	92.8	94.5	95.7	97.5	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 759

~~SECRET~~ CONFIDENTIAL RAF UK

4-75, 77-82

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TOTAL NUMBER OF OBSERVATIONS 75

CENTRAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-751 WOODBRIDGE RAF UK

74-75-77-80

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11-9-1700

		VISIBILITY STATISTICS																CD (H. ABOVE F. METERS)	
		200	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	2516	20
		179	602	658	662	664	664	663	664	662	661	661	661	661	661	661	661	661	661
1000	1000	10.1	10.3	17.7	23.3	26.7	26.6	27.2	26.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
900	900	17.7	20.2	22.2	30.3	33.5	34.4	36.1	36.6	36.6	36.4	36.5	36.8	36.3	36.5	36.5	36.5	36.5	36.8
800	800	17.7	20.2	23.1	30.4	34.0	34.9	36.6	37.2	37.2	37.3	37.7	37.3	37.3	37.3	37.3	37.3	37.3	37.7
700	700	13.3	20.3	23.7	31.6	34.1	35.0	36.9	37.3	37.7	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
600	600	13.8	20.3	23.7	31.6	34.1	35.0	36.9	37.3	37.7	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
500	500	14.0	20.4	23.7	31.7	34.3	35.2	36.9	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
400	400	14.2	21.5	24.4	31.8	36.0	36.9	38.6	39.1	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
300	300	16.2	21.7	24.2	32.7	36.9	37.8	39.3	40.7	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
200	200	16.2	23.2	26.4	35.8	47.6	41.5	43.6	44.1	44.1	44.3	44.7	44.3	44.3	44.3	44.7	44.7	44.7	44.3
100	100	16.2	24.1	27.8	37.3	42.0	43.0	45.1	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
000	000	16.2	24.2	27.9	37.4	42.2	43.1	45.2	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
1000	1000	16.2	25.3	29.6	39.1	43.9	44.8	46.9	47.4	47.6	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
900	900	19.4	26.1	30.7	37.8	44.7	45.6	47.7	48.2	48.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
800	800	21.4	29.1	33.7	44.3	50.7	51.3	53.5	54.2	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
700	700	22.0	31.6	36.7	48.2	55.2	56.3	59.6	59.3	59.4	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
600	600	25.7	35.4	41.0	54.3	62.6	63.6	66.5	67.3	67.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
500	500	26.1	36.6	42.4	57.2	65.9	66.9	69.8	70.6	70.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
400	400	26.5	37.2	43.3	59.7	69.7	71.1	74.0	75.2	75.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
300	300	26.7	37.4	43.6	61.5	71.6	72.2	75.2	76.5	77.2	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
200	200	27.4	38.3	44.5	62.1	72.7	74.3	77.6	79.4	80.2	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
100	100	27.9	39.3	45.6	63.5	75.8	77.3	81.0	82.9	83.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
000	000	27.9	39.3	45.6	64.6	77.6	79.2	83.1	85.1	85.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
1000	1000	27.9	39.3	45.6	64.6	77.9	79.4	83.7	85.6	86.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
900	900	27.9	39.3	45.6	64.6	78.3	80.1	84.6	86.8	87.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
800	800	27.9	39.3	45.6	65.2	78.7	80.5	85.4	88.0	88.9	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
700	700	27.9	39.3	45.6	65.5	79.4	81.4	86.4	89.1	90.0	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
600	600	27.9	39.3	45.6	65.9	79.8	81.9	87.4	90.3	91.3	94.3	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
500	500	27.9	39.3	45.6	65.9	80.0	82.1	87.7	91.2	92.4	95.8	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
400	400	27.9	39.3	45.6	65.9	80.0	82.1	87.7	91.4	92.8	96.6	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5
300	300	27.9	39.3	45.6	65.9	81.0	82.1	88.0	91.7	93.0	97.2	98.0	98.7	99.1	99.5	99.6	99.6	99.6	99.6
200	200	27.9	39.3	45.6	65.9	81.0	82.1	88.0	91.7	93.0	97.2	98.0	98.7	99.1	99.5	99.6	99.6	99.6	99.6
100	100	27.9	39.3	45.6	65.9	81.0	82.1	88.0	91.7	93.0	97.2	98.0	98.7	99.1	99.5	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 759

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

135951 0000BRIDGE RAF UK

74-75-77-87

FEF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1359-2100

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																			
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8
1000	17.4	16.6	20.0	24.6	28.3	29.4	31.6	33.2	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
800	14.5	18.6	22.9	27.9	32.3	33.7	36.7	38.2	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
600	14.5	18.6	22.8	27.9	32.7	34.1	36.4	38.6	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
400	14.5	18.6	22.8	28.1	32.8	34.3	36.5	39.7	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
200	14.6	18.7	22.9	28.2	32.9	34.4	36.6	39.9	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
100	15.1	19.4	23.6	29.0	33.7	35.6	37.9	41.2	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
50	15.2	19.5	23.8	29.4	34.7	36.5	38.7	41.1	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
25	15.9	21.7	25.6	31.9	37.2	39.0	41.5	43.9	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
10	16.2	22.1	27.5	34.1	39.4	41.2	43.7	46.1	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
5	16.9	22.0	27.5	34.1	39.4	41.2	43.7	46.1	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
2	17.3	22.5	28.5	35.0	41.3	42.2	44.7	47.2	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
1	18.1	23.3	29.2	36.2	41.5	43.3	45.9	48.4	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
0.5	21.3	26.0	32.1	41.2	46.6	48.9	51.6	54.2	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
0.25	21.5	28.3	34.7	44.9	51.6	53.4	56.9	59.6	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
0.1	23.4	31.5	38.5	51.3	57.8	61.7	64.7	67.5	67.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
0.05	24.4	32.4	39.4	52.6	59.3	62.2	66.3	69.0	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
0.025	25.6	34.5	41.8	56.8	65.1	68.0	72.7	76.0	76.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
0.01	25.6	34.7	42.1	57.8	66.7	69.2	74.0	77.3	77.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
0.005	26.1	35.2	42.6	59.2	67.6	70.8	76.1	80.0	80.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
0.0025	26.1	35.6	43.2	61.1	69.3	72.6	78.4	82.7	83.8	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
0.001	26.1	36.1	43.7	61.1	70.8	74.3	80.9	85.2	86.4	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
0.0005	26.1	36.1	43.7	61.1	71.1	74.8	81.4	85.8	87.0	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
0.00025	26.1	36.2	43.9	61.3	71.7	75.4	82.3	86.7	88.0	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
0.0001	26.1	36.2	43.9	61.5	72.3	76.3	83.9	88.3	89.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
0.00005	26.1	36.2	43.9	61.9	72.7	76.7	84.3	88.8	90.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
0.000025	26.1	36.2	43.9	62.1	73.0	76.9	84.6	89.5	91.0	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
0.00001	26.1	36.2	43.9	62.1	73.1	77.1	85.0	90.0	91.6	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
0.000005	26.1	36.2	43.9	62.1	73.1	77.1	85.1	90.5	92.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
0.0000025	26.1	36.2	43.9	62.1	73.1	77.1	85.2	90.6	92.2	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
0.000001	26.1	36.2	43.9	62.1	73.1	77.1	85.2	90.6	92.2	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS 759

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATP WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

STATION 77051 WOODBRIDGE PAF UK

74-75, 77-87

FFF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-2300

CEILING FEET	VISIBILITY STATUTE MILES OR (in HUNDREDS OF METERS)																			
	20	20	25	24	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
200	16.8	22.1	22.3	26.9	31.2	32.5	34.1	35.8	36.3	36.3	36.6	36.6	36.6	37.3	37.9	37.9	38.0	38.0	38.0	38.0
2000	17.8	22.1	24.6	30.0	34.7	36.1	37.5	39.9	40.4	40.4	40.7	40.7	41.3	41.9	42.0	42.0	42.4	42.4	42.4	42.4
2000	17.8	22.1	24.6	30.1	35.1	36.5	38.0	40.3	40.9	40.9	41.1	41.1	41.7	42.3	42.4	42.6	42.6	42.6	42.6	42.6
2000	17.8	22.1	24.6	30.1	35.1	36.5	38.0	40.3	40.9	40.9	41.1	41.1	41.7	42.3	42.4	42.6	42.6	42.6	42.6	42.6
2000	18.1	22.2	24.7	30.3	35.3	36.6	38.2	40.4	41.0	41.0	41.2	41.2	41.9	42.4	42.5	42.9	42.9	42.9	42.9	42.9
2000	18.1	22.2	24.7	30.4	35.4	36.7	38.2	40.5	41.1	41.1	41.3	41.3	42.0	42.5	42.7	43.1	43.1	43.1	43.1	43.1
2000	18.4	22.6	25.7	31.0	36.1	37.6	39.4	41.6	42.1	42.1	42.4	42.4	43.1	43.5	43.7	44.1	44.1	44.1	44.1	44.1
2000	18.4	22.7	25.5	31.4	36.5	38.0	39.9	42.1	42.7	42.7	42.9	42.9	43.5	44.1	44.3	44.6	44.6	44.6	44.6	44.6
2000	20.1	25.0	29.1	34.3	39.8	41.7	43.7	45.6	46.1	46.1	46.4	46.4	47.7	47.9	47.9	48.1	48.1	48.1	48.1	48.1
2000	20.3	25.6	29.7	35.5	41.1	42.7	44.9	47.2	47.7	47.7	48.0	48.0	49.6	49.1	49.7	49.7	49.7	49.7	49.7	49.7
2000	20.5	25.8	29.3	35.8	41.5	43.1	45.7	47.6	48.1	48.1	48.3	48.3	49.7	49.5	49.8	50.2	50.2	50.2	50.2	50.2
2000	21.5	26.9	30.5	37.6	43.3	44.9	47.4	49.7	50.2	50.2	50.5	50.5	51.1	51.7	51.9	52.3	52.3	52.3	52.3	52.3
2000	23.1	26.8	32.5	41.3	47.6	49.3	51.9	54.2	54.7	54.7	55.0	55.0	55.7	56.1	56.5	56.9	56.9	56.9	56.9	56.9
2000	24.8	31.4	35.4	45.3	52.0	54.2	57.6	59.8	60.4	60.4	60.6	60.6	61.4	62.0	62.7	62.7	62.7	62.7	62.7	62.7
2000	27.1	34.6	39.1	51.3	59.4	62.5	64.2	66.7	67.2	67.4	67.6	67.6	68.7	69.2	69.5	70.2	70.2	70.2	70.2	70.2
2000	27.7	35.5	40.2	52.8	60.5	62.6	66.3	69.7	69.5	69.6	69.9	69.9	70.9	71.5	71.7	72.3	72.3	72.3	72.3	72.3
2000	29.3	38.0	42.9	56.5	65.1	67.5	71.3	74.1	74.8	74.9	75.2	75.2	76.2	76.8	77.0	77.5	77.5	77.5	77.5	77.5
2000	29.5	38.3	43.2	56.0	66.6	69.1	73.3	76.2	76.9	77.0	77.3	77.3	78.3	78.9	79.1	79.7	79.7	79.7	79.7	79.7
2000	30.5	39.8	44.3	60.4	69.1	71.6	76.7	79.7	80.7	81.2	81.5	81.5	82.6	83.1	83.4	83.9	83.9	83.9	83.9	83.9
2000	30.5	39.8	45.4	61.7	70.8	73.3	78.3	82.0	83.2	84.4	84.7	84.7	85.7	86.3	86.5	87.1	87.1	87.1	87.1	87.1
2000	30.5	39.8	45.4	62.0	71.3	73.8	79.7	82.8	83.9	85.1	85.3	85.3	86.4	86.9	87.2	87.7	87.7	87.7	87.7	87.7
2000	30.5	39.8	45.4	62.1	71.5	74.0	79.1	83.2	84.3	85.5	85.7	85.7	86.8	87.3	87.6	88.1	88.1	88.1	88.1	88.1
2000	30.5	39.9	45.8	63.1	72.7	75.3	80.4	84.5	85.6	86.8	87.0	87.1	88.1	88.6	88.9	89.4	89.4	89.4	89.4	89.4
2000	30.5	40.0	46.7	63.5	73.4	76.5	83.7	87.6	89.4	90.6	90.9	90.9	91.9	92.5	92.7	93.3	93.3	93.3	93.3	93.3
2000	30.5	40.3	46.2	63.8	73.8	76.9	83.8	88.4	90.2	91.9	92.2	92.2	93.3	93.8	94.1	94.6	94.6	94.6	94.6	94.6
2000	30.5	40.3	46.2	63.8	73.8	77.1	84.3	89.3	91.1	93.1	93.4	93.4	94.5	95.0	95.2	95.8	95.8	95.8	95.8	95.8
2000	30.5	40.3	46.2	63.8	73.8	77.1	84.4	90.2	92.3	95.0	95.4	95.4	96.4	97.2	97.5	98.0	98.0	98.0	98.0	98.0
2000	30.5	40.3	46.2	63.8	73.8	77.1	84.4	90.2	92.3	95.5	96.0	96.2	97.2	98.3	98.9	99.7	99.7	99.7	99.7	99.7
2000	30.5	40.3	46.2	63.8	73.8	77.1	84.4	90.2	92.3	95.5	96.0	96.2	97.2	98.3	99.1	100.0	100.0	100.0	100.0	100.0
2000	30.5	40.3	46.2	63.8	73.8	77.1	84.4	90.2	92.3	95.5	96.0	96.2	97.2	98.3	99.1	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 757

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

CEILING VERSUS VISIBILITY

FFS

TOTAL NUMBER OF OBSERVATIONS 5871

USAF ETAC FORM 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOPCL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

175951 WOODBRIDGE RAF UK

74-87

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

036-0000

CEILING FEET	VISIBILITY STATUTE MILES															
	210	200	250	240	230	220	210	200	250	240	230	220	210	200	250	240
20000	22.3	24.0	28.0	32.6	33.8	34.5	35.4	35.9	36.5	37.0	37.3	37.5	37.5	37.5	37.5	37.8
18000	22.9	25.5	29.7	34.2	35.7	36.5	38.1	38.6	39.1	39.7	39.9	40.2	40.2	40.2	40.3	40.5
16000	22.9	25.6	29.8	34.3	35.8	36.6	38.2	38.7	39.3	39.8	40.1	40.3	40.3	40.3	40.5	40.6
14000	22.9	25.6	29.8	34.3	35.8	36.6	38.2	38.7	39.3	39.8	40.1	40.3	40.3	40.3	40.5	40.6
12000	24.3	26.9	31.1	35.7	37.1	37.9	39.7	40.3	40.9	41.4	41.7	42.0	42.0	42.0	42.1	42.2
10000	24.8	27.5	31.6	36.2	37.7	38.5	40.2	40.9	41.4	42.0	42.2	42.5	42.5	42.5	42.6	42.8
8000	26.8	30.0	34.2	39.3	41.0	41.8	43.7	44.4	44.9	45.4	45.7	46.0	46.0	46.0	46.1	46.2
6000	27.9	31.5	36.1	41.6	43.6	44.4	46.2	46.9	47.5	48.0	48.7	48.5	48.5	48.5	48.7	48.8
4000	28.0	31.6	36.3	41.8	43.8	44.6	46.5	47.2	47.7	48.3	48.5	48.8	48.9	48.9	49.0	49.1
2000	30.0	33.9	38.6	44.4	46.6	47.5	49.9	50.5	51.1	51.6	51.9	52.1	52.1	52.1	52.3	52.4
1000	31.3	34.7	39.4	45.3	47.6	48.4	50.8	51.6	52.1	52.7	52.9	53.2	53.2	53.2	53.4	53.5
500	33.9	37.9	42.9	49.3	51.9	52.7	55.2	56.2	56.7	57.2	57.5	57.8	57.8	57.8	57.9	58.0
250	35.1	39.9	45.4	53.4	56.0	56.8	59.5	60.5	61.0	61.5	61.9	62.1	62.1	62.1	62.2	62.3
150	38.3	43.8	50.1	59.2	62.3	63.1	66.1	67.4	68.0	68.6	68.9	69.2	69.2	69.2	69.3	69.4
100	38.7	44.8	51.1	60.6	64.3	65.1	68.1	69.6	70.1	70.8	71.0	71.3	71.3	71.3	71.4	71.6
50	39.8	46.2	53.2	64.5	69.3	70.4	74.4	76.3	76.8	77.5	77.7	78.0	78.0	78.0	78.2	78.3
25	39.8	46.2	53.2	64.6	69.7	70.8	74.8	76.8	77.3	78.0	78.3	78.6	78.6	78.6	78.7	78.8
10	41.4	49.3	56.4	71.5	76.5	77.7	81.9	84.3	84.9	85.7	85.9	86.2	86.2	86.2	86.3	86.5
5	42.1	50.1	57.4	72.5	78.7	79.9	84.7	86.5	87.0	87.8	88.1	88.3	88.3	88.3	88.5	88.6
2	42.1	50.1	57.4	72.9	79.2	80.4	84.6	87.0	87.5	88.3	88.6	88.9	88.9	88.9	89.0	89.1
1	42.1	50.1	57.6	73.7	80.3	81.5	86.2	88.6	89.1	89.9	90.2	90.5	90.5	90.5	90.6	90.8
0.5	42.1	50.3	57.8	74.1	81.0	82.2	87.0	89.4	89.9	90.8	91.0	91.3	91.3	91.3	91.4	91.6
0.25	42.1	50.3	58.0	74.5	81.5	82.7	87.8	90.3	91.2	92.0	92.2	92.5	92.5	92.5	92.6	92.8
0.1	42.4	50.5	58.3	75.7	83.2	84.5	90.1	92.6	94.2	95.0	95.3	95.6	95.6	95.6	95.7	95.8
0.05	42.5	50.7	58.4	76.0	83.5	84.7	90.8	93.4	95.2	96.0	96.2	96.5	96.5	96.5	96.6	96.8
0.025	42.5	50.7	58.4	76.0	83.6	84.9	91.2	94.1	95.8	96.9	97.2	97.5	97.5	97.5	97.7	97.9
0.01	42.5	50.7	58.4	76.0	83.6	84.9	91.2	94.1	95.8	97.3	97.6	97.9	98.0	98.1	98.4	98.6
0.005	42.5	50.7	58.4	76.0	83.6	84.9	91.2	94.1	95.8	97.3	97.6	97.9	98.0	98.1	98.4	98.6

TOTAL NUMBER OF OBSERVATIONS 786

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 135951 WOODBRIDGE RAF UK

74-75.78-87

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-0500

CEILING FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)			
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8
NO FLYING	61.9	60.9	60.8	60.7	60.6	60.5	60.4	60.3	60.2	60.1	60.0	59.9	59.8	59.7	59.6	59.5	59.4	59.3	59.2	59.1
≥ 20000	19.4	22.3	25.7	31.1	31.8	32.1	35.7	35.5	36.7	36.1	36.4	36.4	36.4	36.9	36.9	37.1	37.1	37.1	37.1	37.1
≥ 18000	20.7	23.9	27.7	32.9	34.0	34.6	37.9	38.5	38.9	39.7	39.3	39.3	39.3	39.8	39.8	40.2	40.2	40.2	40.2	40.2
≥ 16000	21.7	24.2	27.9	33.2	34.3	34.9	38.2	38.7	39.1	39.3	39.6	39.6	39.6	40.1	40.1	40.2	40.2	40.2	40.2	40.2
≥ 14000	21.7	24.2	27.9	33.2	34.3	34.9	38.2	38.7	39.1	39.3	39.6	39.6	39.6	40.1	40.1	40.2	40.2	40.2	40.2	40.2
≥ 12000	20.9	24.3	28.2	33.5	34.6	35.1	38.5	39.0	39.4	39.6	39.8	39.8	39.8	40.4	40.4	40.5	40.5	40.5	40.5	40.5
≥ 10000	21.0	24.6	28.5	33.7	34.9	35.4	38.7	39.3	39.7	39.8	40.1	40.1	40.1	40.7	40.7	40.8	40.8	40.8	40.8	40.8
≥ 9000	21.0	24.6	28.5	33.7	34.9	35.4	38.7	39.3	39.7	39.8	40.1	40.1	40.1	40.7	40.7	40.8	40.8	40.8	40.8	40.8
≥ 8000	22.8	26.8	31.1	36.8	37.9	38.5	41.9	42.5	42.9	43.0	43.3	43.3	43.3	43.8	43.8	44.0	44.0	44.0	44.0	44.0
≥ 7000	24.1	28.2	32.6	38.6	40.0	40.5	44.0	44.5	45.0	45.1	45.4	45.4	45.4	45.9	45.9	46.1	46.1	46.1	46.1	46.1
≥ 6000	24.5	28.6	33.1	39.0	40.4	40.9	44.5	45.1	45.5	46.1	46.3	46.3	46.3	46.9	46.9	47.0	47.0	47.0	47.0	47.0
≥ 5000	25.4	29.6	34.4	40.5	41.9	42.5	46.2	47.0	47.4	48.0	48.3	48.3	48.3	48.8	48.8	49.0	49.0	49.0	49.0	49.0
≥ 4500	27.1	31.5	36.4	42.6	44.1	44.7	48.4	49.2	49.7	50.2	50.5	50.5	50.5	51.0	51.0	51.2	51.2	51.2	51.2	51.2
≥ 4000	28.9	33.6	39.0	46.5	48.0	48.5	52.6	54.1	54.6	55.5	55.9	55.9	55.9	56.4	56.4	56.6	56.6	56.6	56.6	56.6
≥ 3500	31.0	35.1	40.9	49.7	51.6	52.1	56.2	57.7	58.2	59.1	59.5	59.5	59.5	60.0	60.0	60.2	60.2	60.2	60.2	60.2
≥ 3000	31.7	36.0	42.5	51.3	52.7	53.2	57.3	58.8	59.3	60.2	60.6	60.6	60.6	61.1	61.1	61.3	61.3	61.3	61.3	61.3
≥ 2500	31.8	36.6	43.2	52.0	53.4	53.9	58.0	59.5	60.0	60.9	61.3	61.3	61.3	61.8	61.8	62.0	62.0	62.0	62.0	62.0
≥ 2000	33.1	40.1	48.3	59.2	63.2	64.2	69.0	71.2	72.1	72.9	73.3	73.3	73.3	73.8	73.8	74.1	74.1	74.1	74.1	74.1
≥ 1800	33.2	40.5	48.7	59.8	63.8	64.7	69.6	71.8	72.6	73.4	73.9	74.0	74.0	74.5	74.5	74.7	74.7	74.7	74.7	74.7
≥ 1600	33.7	41.4	49.8	61.4	65.7	66.7	71.5	73.7	74.8	75.7	76.1	76.2	76.2	76.7	76.7	76.9	76.9	76.9	76.9	76.9
≥ 1400	34.6	42.6	51.5	65.0	70.8	71.9	76.9	79.4	80.6	81.5	81.9	82.0	82.0	82.5	82.5	82.7	82.7	82.7	82.7	82.7
≥ 1200	34.9	43.6	52.6	67.2	73.3	74.4	79.7	82.3	83.5	84.4	84.8	84.9	84.9	85.4	85.4	85.6	85.6	85.6	85.6	85.6
≥ 1000	34.9	43.6	52.6	67.2	73.3	74.4	79.7	82.3	83.5	84.4	84.8	84.9	84.9	85.4	85.4	85.6	85.6	85.6	85.6	85.6
≥ 900	35.0	43.7	52.8	67.6	74.0	75.2	80.9	83.7	84.9	85.8	86.2	86.3	86.3	86.8	86.8	87.0	87.0	87.0	87.0	87.0
≥ 800	35.1	44.1	53.3	68.6	75.0	76.2	82.3	85.5	86.7	87.6	88.0	88.1	88.1	88.6	88.6	88.8	88.8	88.8	88.8	88.8
≥ 700	35.3	44.5	53.8	69.4	76.1	77.3	84.1	88.1	89.6	90.5	90.9	91.0	91.0	91.5	91.5	91.7	91.7	91.7	91.7	91.7
≥ 600	35.4	44.8	54.1	71.4	78.0	79.5	86.7	90.7	92.3	93.2	93.6	93.8	93.8	94.3	94.3	94.5	94.5	94.5	94.5	94.5
≥ 500	35.4	44.8	54.1	71.4	78.0	79.5	86.7	90.7	92.3	93.2	93.6	93.8	93.8	94.3	94.3	94.5	94.5	94.5	94.5	94.5
≥ 400	35.4	44.8	54.1	71.4	78.0	79.5	86.7	90.7	92.3	93.2	93.6	93.8	93.8	94.3	94.3	94.5	94.5	94.5	94.5	94.5
≥ 300	35.4	44.8	54.1	71.4	78.0	79.5	86.7	90.7	92.3	93.2	93.6	93.8	93.8	94.3	94.3	94.5	94.5	94.5	94.5	94.5
≥ 200	35.4	44.8	54.1	71.4	78.0	79.5	86.7	90.7	92.3	93.2	93.6	93.8	93.8	94.3	94.3	94.5	94.5	94.5	94.5	94.5
≥ 100	35.4	44.8	54.1	71.4	78.0	79.5	86.7	90.7	92.3	93.2	93.6	93.8	93.8	94.3	94.3	94.5	94.5	94.5	94.5	94.5
≥ 0	35.4	44.8	54.1	71.4	78.0	79.5	86.7	90.7	92.3	93.2	93.6	93.8	93.8	94.3	94.3	94.5	94.5	94.5	94.5	94.5

TOTAL NUMBER OF OBSERVATIONS 723

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

175951 000BRIDGE RAF UK

74-83

WAS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-5000

CEILING FEET	VISIBILITY: STATUTE MILES															
	OR (HUNDREDS OF METERS)															
	210	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
> 10000	10.9	14.2	16.5	22.0	22.6	22.7	24.9	25.9	26.7	27.0	27.1	27.3	27.3	27.4	27.5	27.5
> 8000	12.8	17.7	20.3	27.0	27.6	27.8	32.6	32.2	32.9	33.6	33.7	33.9	33.9	34.0	34.2	34.2
> 6000	12.8	17.7	20.4	27.5	28.1	28.2	31.1	32.6	33.4	34.1	34.2	34.4	34.4	34.5	34.7	34.7
> 4000	12.8	17.7	20.4	27.5	28.1	28.2	31.1	32.6	33.4	34.1	34.2	34.4	34.4	34.5	34.7	34.7
> 3000	12.8	17.7	20.4	27.5	28.1	28.2	31.1	32.6	33.4	34.1	34.2	34.4	34.4	34.5	34.7	34.7
> 2000	13.0	17.8	20.5	27.6	28.2	28.4	31.2	32.9	33.6	34.4	34.5	34.6	34.6	34.7	35.0	35.0
> 1500	13.7	18.6	21.5	29.6	29.6	29.7	32.6	34.4	35.1	35.8	35.9	36.1	36.1	36.2	36.4	36.4
> 1000	14.3	19.3	22.5	29.6	30.6	30.8	33.7	35.5	36.2	36.9	37.0	37.2	37.2	37.3	37.5	37.5
> 800	16.9	22.6	26.5	34.5	36.1	36.6	40.1	42.2	43.0	43.9	44.0	44.1	44.1	44.3	44.5	44.5
> 700	17.5	23.2	27.3	35.6	37.2	37.7	41.2	43.3	44.1	45.0	45.1	45.2	45.2	45.4	45.6	45.7
> 600	17.8	23.6	27.6	35.9	37.5	38.0	41.7	43.8	44.6	45.5	45.6	45.7	45.8	46.0	46.2	46.3
> 500	18.8	24.9	29.1	37.5	39.1	39.6	43.5	45.7	46.7	47.9	48.0	48.2	48.3	48.5	48.8	48.9
> 450	19.1	25.3	29.5	37.9	39.5	40.0	43.9	46.1	47.1	48.3	48.4	48.5	48.7	48.9	49.1	49.3
> 400	20.8	27.9	32.9	42.5	44.6	45.1	49.1	52.1	53.2	54.5	54.6	54.8	54.9	55.3	55.5	55.6
> 350	22.2	30.4	35.3	45.4	47.9	48.4	52.9	55.7	57.1	58.6	58.8	59.0	59.2	59.7	59.9	60.0
> 300	24.1	33.5	38.9	50.1	52.7	53.4	57.8	60.9	62.2	63.8	64.1	64.3	64.4	64.9	65.2	65.3
> 250	24.4	34.0	39.4	50.7	53.5	54.3	58.7	61.7	63.4	65.0	65.3	65.6	65.8	66.3	66.5	66.6
> 200	25.4	35.5	41.3	53.7	57.0	58.8	63.3	66.6	68.5	70.2	70.4	70.8	70.9	71.4	71.6	71.8
> 180	25.4	35.6	41.4	54.0	58.3	59.2	63.9	67.1	68.9	70.7	70.9	71.3	71.4	71.9	72.1	72.2
> 150	26.0	36.6	42.7	55.6	60.0	61.0	66.0	69.3	71.1	72.9	73.1	73.5	73.6	74.1	74.3	74.4
> 120	26.4	37.2	43.5	57.7	63.1	64.4	69.9	73.3	75.3	77.0	77.3	77.6	77.8	78.2	78.5	78.6
> 100	26.9	38.0	44.7	60.4	66.1	67.5	73.3	77.0	79.1	80.8	81.1	81.4	81.7	82.2	82.4	82.5
> 90	26.9	38.0	44.7	60.4	66.5	67.8	73.7	77.4	79.5	81.2	81.4	81.9	82.2	82.6	82.9	83.0
> 80	26.9	38.0	44.9	61.2	67.5	68.8	74.9	78.6	80.7	82.6	82.9	83.5	83.7	84.2	84.5	84.6
> 70	27.1	38.3	45.4	62.3	68.8	70.3	76.8	80.8	83.1	85.1	85.3	85.9	86.2	86.7	86.9	87.0
> 60	27.4	38.5	45.7	63.3	70.4	72.7	78.9	83.5	85.8	87.8	88.0	88.9	89.1	89.6	89.9	90.0
> 50	27.4	38.6	45.8	64.3	71.8	73.3	80.6	85.7	88.1	90.7	91.0	91.8	92.3	92.9	93.3	93.6
> 40	27.4	38.8	46.0	64.4	72.0	73.6	80.8	86.1	88.5	91.4	91.9	93.0	93.5	94.1	94.5	94.9
> 30	27.4	38.9	46.1	64.8	72.4	74.0	81.2	86.7	89.4	92.8	93.5	94.6	95.1	95.7	96.1	96.5
> 20	27.4	38.9	46.1	64.8	72.4	74.0	81.2	86.8	89.6	93.3	94.1	95.6	96.5	97.8	98.2	99.6
> 10	27.4	38.9	46.1	64.8	72.4	74.0	81.2	86.8	89.6	93.3	94.1	95.6	96.5	97.8	98.2	99.6
> 0	27.4	38.9	46.1	64.8	72.4	74.0	81.2	86.8	89.6	93.3	94.1	95.6	96.5	97.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 818

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

35051 WOODBRIDGE RAF UK

74-87

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

327-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
NO. OF OBS.	5727	5293	4587	4662	4548	4543	4632	4624	4622	4616	4612	4610	4638	4633	4628	4621
20000	10.5	13.6	15.2	19.2	20.3	20.3	20.8	21.4	21.4	21.4	21.4	21.5	21.5	21.5	21.6	21.6
18000	13.9	18.5	20.3	25.7	27.3	27.4	28.4	29.7	29.2	29.3	29.3	29.4	29.4	29.5	29.5	29.5
16000	14.1	19.0	20.7	26.2	27.7	27.8	28.8	29.5	29.6	29.7	29.7	29.6	29.8	29.9	29.9	29.9
14000	14.1	19.1	20.7	26.2	27.7	27.8	28.8	29.5	29.6	29.7	29.7	29.6	29.8	29.9	29.9	29.9
12000	14.2	19.1	20.8	26.4	27.9	28.7	29.7	29.7	29.8	29.9	29.9	30.0	30.7	30.7	30.7	30.7
10000	14.7	19.8	21.6	27.3	28.9	29.0	30.7	30.7	30.9	30.9	30.9	31.0	31.0	31.2	31.2	31.2
8000	15.5	21.7	23.5	29.2	30.8	30.9	31.9	32.7	32.9	33.0	33.0	33.1	33.1	33.3	33.3	33.3
6000	16.3	22.6	24.5	30.2	31.8	31.9	32.9	33.7	33.9	34.0	34.0	34.1	34.1	34.3	34.3	34.3
4000	19.2	26.4	29.7	35.6	37.5	37.8	39.2	40.0	40.2	40.4	40.4	40.5	40.5	40.6	40.6	40.6
2000	19.5	26.7	29.4	36.1	38.0	38.4	39.8	40.7	41.0	41.2	41.2	41.4	41.4	41.5	41.5	41.5
1000	19.5	26.7	29.4	36.3	38.1	38.5	39.9	40.8	41.2	41.5	41.5	41.6	41.6	41.7	41.7	41.7
800	19.8	27.5	30.3	37.5	39.5	39.8	41.4	42.2	42.7	42.9	42.9	43.0	43.0	43.1	43.1	43.1
600	20.2	27.8	30.4	37.9	40.1	40.5	42.1	43.1	43.6	43.9	43.9	44.0	44.0	44.1	44.1	44.1
400	22.2	30.4	33.6	42.8	45.3	45.7	47.3	48.7	49.1	49.4	49.4	49.6	49.6	49.7	49.7	49.7
200	24.4	32.9	36.1	46.2	49.1	49.4	51.2	52.7	53.1	53.5	53.5	53.8	53.8	53.9	53.9	53.9
100	27.1	37.4	40.9	51.9	55.3	55.8	57.9	59.4	59.9	60.3	60.3	60.5	60.5	60.6	60.6	60.6
80	27.8	38.5	42.2	53.4	57.0	57.4	59.6	61.2	61.6	62.1	62.1	62.3	62.3	62.4	62.4	62.4
60	29.9	41.5	45.8	58.6	62.9	63.4	65.7	67.6	68.1	68.8	69.1	69.3	69.3	69.4	69.4	69.4
40	30.6	42.1	46.6	61.2	64.4	65.0	67.3	69.4	69.8	70.6	70.9	71.1	71.1	71.2	71.2	71.2
20	31.3	43.5	48.2	62.7	67.2	67.7	70.4	72.6	73.1	73.8	74.1	74.3	74.3	74.4	74.4	74.4
10	32.0	44.9	50.3	67.4	72.6	73.4	76.8	79.0	79.5	80.4	80.6	80.8	80.8	80.9	80.9	80.9
8	32.4	45.5	51.1	69.0	74.3	75.2	78.7	81.2	81.8	82.7	82.9	83.1	83.1	83.3	83.3	83.3
6	32.4	45.5	51.1	69.5	75.4	76.4	79.9	82.4	83.0	84.1	84.7	84.5	84.5	84.6	84.6	84.6
4	32.4	45.5	51.1	70.1	76.2	77.6	81.4	84.4	85.0	86.1	86.5	86.7	86.7	86.8	86.8	86.8
2	32.4	45.5	51.1	71.1	77.6	79.2	83.5	86.7	87.7	88.9	89.2	89.5	89.5	89.6	89.6	89.6
1	32.4	45.7	51.3	71.4	78.0	79.6	84.4	87.9	88.9	90.5	90.8	91.7	91.7	91.8	91.8	91.8
0.5	32.4	45.7	51.3	71.5	78.6	80.2	85.3	89.7	91.1	93.5	93.8	95.3	95.5	95.6	95.6	95.6
0.2	32.4	45.7	51.6	71.8	79.0	80.6	85.7	90.4	91.8	94.8	95.2	96.9	97.0	97.3	97.3	97.3
0.1	32.4	45.7	51.6	71.8	79.2	80.7	85.9	90.6	92.1	95.5	96.1	98.0	98.1	98.4	98.4	98.4
0.05	32.4	45.7	51.6	71.8	79.2	80.7	85.9	90.6	92.2	95.6	96.6	98.8	99.0	99.6	99.6	99.6
0.02	32.4	45.7	51.6	71.8	79.2	80.7	85.9	90.6	92.2	95.6	96.6	98.8	99.0	99.6	99.6	99.9
0.01	32.4	45.7	51.6	71.8	79.2	80.7	85.9	90.6	92.2	95.6	96.6	98.8	99.0	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

CEILING VERSUS VISIBILITY

74-67

MAF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-2-1422

[illegible]TOTAL NUMBER OF OBSERVATIONS 902

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

CEILING VERSUS VISIBILITY

74-22-

15-5-1725

TOTAL NUMBER OF OBSERVATIONS 971

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

171951 WOODBRIDGE RAF UK

74-87

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-12-74-00

VISIBILITY (STATUTE MILES)																	OR (HUNDREDS OF METERS)																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	1	21.9	26.9	27.9	28.9	29.9	30.9	31.9	32.9	33.9	34.9	35.9	36.9	37.9	38.9	39.9	40.9	21.9	26.9	27.9	28.9	29.9	30.9	31.9	32.9	33.9	34.9	35.9	36.9	37.9	38.9	39.9	40.9		
2	2	22.3	25.1	26.4	27.3	27.9	28.1	28.7	29.1	29.7	30.1	30.7	31.1	31.7	32.1	32.7	33.1	22.3	25.1	26.4	27.3	27.9	28.1	28.7	29.1	29.7	30.1	30.7	31.1	31.7	32.1	32.7	33.1		
3	3	23.8	26.0	27.9	29.4	30.3	30.5	31.1	31.7	32.1	32.7	33.1	33.7	34.1	34.7	35.1	35.7	23.8	26.0	27.9	29.4	30.3	30.5	31.1	31.7	32.1	32.7	33.1	33.7	34.1	34.7	35.1	35.7		
4	4	23.9	28.1	30.0	31.4	32.3	32.5	33.1	33.7	34.1	34.7	35.1	35.7	36.1	36.7	37.1	37.7	23.9	28.1	30.0	31.4	32.3	32.5	33.1	33.7	34.1	34.7	35.1	35.7	36.1	36.7	37.1	37.7		
5	5	23.9	28.1	30.0	31.4	32.3	32.5	33.1	33.7	34.1	34.7	35.1	35.7	36.1	36.7	37.1	37.7	23.9	28.1	30.0	31.4	32.3	32.5	33.1	33.7	34.1	34.7	35.1	35.7	36.1	36.7	37.1	37.7		
6	6	24.7	29.0	30.9	32.3	33.2	33.4	34.0	34.6	35.0	35.6	36.0	36.6	37.0	37.6	38.0	38.6	24.7	29.0	30.9	32.3	33.2	33.4	34.0	34.6	35.0	35.6	36.0	36.6	37.0	37.6	38.0	38.6		
7	7	26.4	31.0	33.0	34.4	35.3	35.5	36.1	36.7	37.1	37.7	38.1	38.7	39.1	39.7	40.1	40.7	26.4	31.0	33.0	34.4	35.3	35.5	36.1	36.7	37.1	37.7	38.1	38.7	39.1	39.7	40.1	40.7		
8	8	26.9	31.8	33.9	35.3	36.2	36.4	37.0	37.6	38.0	38.6	39.0	39.6	40.0	40.6	41.0	41.6	26.9	31.8	33.9	35.3	36.2	36.4	37.0	37.6	38.0	38.6	39.0	39.6	40.0	40.6	41.0	41.6		
9	9	27.1	36.1	38.6	40.0	40.9	41.1	41.7	42.3	42.7	43.3	43.7	44.3	44.7	45.3	45.9	46.5	27.1	36.1	38.6	40.0	40.9	41.1	41.7	42.3	42.7	43.3	43.7	44.3	44.7	45.3	45.9	46.5		
10	10	27.5	36.3	39.1	40.5	41.4	41.6	42.2	42.8	43.2	43.8	44.2	44.8	45.2	45.8	46.4	47.0	27.5	36.3	39.1	40.5	41.4	41.6	42.2	42.8	43.2	43.8	44.2	44.8	45.2	45.8	46.4	47.0		
11	11	27.7	36.8	39.7	41.1	42.0	42.2	42.8	43.4	43.8	44.4	44.8	45.4	45.8	46.4	47.0	47.6	27.7	36.8	39.7	41.1	42.0	42.2	42.8	43.4	43.8	44.4	44.8	45.4	45.8	46.4	47.0	47.6		
12	12	32.2	36.9	41.6	43.0	43.9	44.1	44.7	45.3	45.7	46.3	46.7	47.3	47.7	48.3	48.9	49.5	32.2	36.9	41.6	43.0	43.9	44.1	44.7	45.3	45.7	46.3	46.7	47.3	47.7	48.3	48.9	49.5		
13	13	32.9	39.4	42.7	44.1	45.0	45.2	45.8	46.4	46.8	47.4	47.8	48.4	48.8	49.4	50.0	50.6	32.9	39.4	42.7	44.1	45.0	45.2	45.8	46.4	46.8	47.4	47.8	48.4	48.8	49.4	50.0	50.6		
14	14	34.7	41.9	44.9	46.3	47.2	47.4	48.0	48.6	49.0	49.6	50.0	50.6	51.0	51.6	52.2	52.8	34.7	41.9	44.9	46.3	47.2	47.4	48.0	48.6	49.0	49.6	50.0	50.6	51.0	51.6	52.2	52.8		
15	15	36.8	44.3	47.5	48.9	49.8	50.0	50.6	51.2	51.6	52.2	52.6	53.2	53.8	54.4	55.0	55.6	36.8	44.3	47.5	48.9	49.8	50.0	50.6	51.2	51.6	52.2	52.6	53.2	53.8	54.4	55.0	55.6		
16	16	41.1	49.8	54.2	55.6	56.5	56.7	57.3	57.9	58.5	59.1	59.7	60.3	60.9	61.5	62.1	62.7	41.1	49.8	54.2	55.6	56.5	56.7	57.3	57.9	58.5	59.1	59.7	60.3	60.9	61.5	62.1	62.7		
17	17	41.4	50.4	54.8	56.2	57.1	57.3	57.9	58.5	59.1	59.7	60.3	60.9	61.5	62.1	62.7	63.3	41.4	50.4	54.8	56.2	57.1	57.3	57.9	58.5	59.1	59.7	60.3	60.9	61.5	62.1	62.7	63.3		
18	18	43.0	53.4	58.4	59.8	60.7	60.9	61.5	62.1	62.7	63.3	63.9	64.5	65.1	65.7	66.3	66.9	43.0	53.4	58.4	59.8	60.7	60.9	61.5	62.1	62.7	63.3	63.9	64.5	65.1	65.7	66.3	66.9		
19	19	43.7	53.7	58.7	60.1	61.0	61.2	61.8	62.4	63.0	63.6	64.2	64.8	65.4	66.0	66.6	67.2	43.7	53.7	58.7	60.1	61.0	61.2	61.8	62.4	63.0	63.6	64.2	64.8	65.4	66.0	66.6	67.2		
20	20	43.1	53.8	58.9	60.3	61.2	61.4	62.0	62.6	63.2	63.8	64.4	65.0	65.6	66.2	66.8	67.4	43.1	53.8	58.9	60.3	61.2	61.4	62.0	62.6	63.2	63.8	64.4	65.0	65.6	66.2	66.8	67.4		
21	21	43.3	54.4	60.0	61.4	62.3	62.5	63.1	63.7	64.3	64.9	65.5	66.1	66.7	67.3	67.9	68.5	43.3	54.4	60.0	61.4	62.3	62.5	63.1	63.7	64.3	64.9	65.5	66.1	66.7	67.3	67.9	68.5		
22	22	43.3	54.4	60.0	61.4	62.3	62.5	63.1	63.7	64.3	64.9	65.5	66.1	66.7	67.3	67.9	68.5	43.3	54.4	60.0	61.4	62.3	62.5	63.1	63.7	64.3	64.9	65.5	66.1	66.7	67.3	67.9	68.5		
23	23	43.3	54.4	60.0	61.4	62.3	62.5	63.1	63.7	64.3	64.9	65.5	66.1	66.7	67.3	67.9	68.5	43.3	54.4	60.0	61.4	62.3	62.5	63.1	63.7	64.3	64.9	65.5	66.1	66.7	67.3	67.9	68.5		
24	24	43.3	54.4	60.0	61.4	62.3	62.5	63.1	63.7	64.3	64.9	65.5	66.1	66.7	67.3	67.9	68.5	43.3	54.4	60.0	61.4	62.3	62.5	63.1	63.7	64.3	64.9	65.5	66.1	66.7	67.3	67.9	68.5		
25	25	43.3	54.4	60.0	61.4	62.3	62.5	63.1	63.7	64.3	64.9	65.5	66.1	66.7	67.3	67.9	68.5	43.3	54.4	60.0	61.4	62.3	62.5	63.1	63.7	64.3	64.9	65.5	66.1	66.7	67.3	67.9	68.5		
26	26	43.3	54.4	60.0	61.4	62.3	62.5	63.1	63.7	64.3	64.9	65.5	66.1	66.7	67.3	67.9	68.5	43.3	54.4	60.0	61.4	62.3	62.5	63.1	63.7	64.3	64.9	65.5	66.1	66.7	67.3	67.9	68.5		
27	27	43.3	54.4	60.0	61.4	62.3	62.5	63.1	63.7	64.3	64.9	65.5	66.1	66.7	67.3	67.9	68.5	43.3	54.4	60.0	61.4	62.3	62.5	63.1	63.7	64.3	64.9	65.5	66.1	66.7	67.3	67.9	68.5		
28	28	43.3	54.4	60.0	61.4	62.3	62.5	63.1	63.7	64.3	64.9	65.5	66.1	66.7	67.3	67.9	68.5	43.3	54.4	60.0	61.4	62.3	62.5	63.1	63.7	64.3	64.9	65.5	66.1	66.7	67.3	67.9	68.5		
29	29	43.3	54.4	60.0	61.4	62.3	62.5	63.1	63.7	64.3	64.9	65.5	66.1	66.7	67.3	67.9	68.5	43.3	54.4	60.0	61.4	62.3	62.5	63.1	63.7	64.3	64.9	65.5	66.1	66.7	67.3	67.9	68.5		
30	30	43.3	54.4	60.0	61.4	62.3	62.5	63.1	63.7	64.3	64.9	65.5	66.1	66.7	67.3	67.9	68.5	43.3	54.4	60.0	61.4	62.3	62.5	63.1	63.7	64.3	64.9	65.5	66.1	66.7	67.3	67.9	68.5		

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION WOODBRIDGE RAF UK

74-87

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 7-2-50

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																			
	2 1/2	3	4	5	6	7	8	9	10	12	15	20	25	30	40	50	60	70	80	90
1000	25.3	27.7	29.7	34.1	34.8	36.2	37.1	38.4	38.9	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
800	27.3	30.8	32.8	37.7	38.8	40.1	41.1	42.6	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
600	27.3	30.8	32.8	37.7	38.8	40.1	41.1	42.6	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
400	27.3	30.8	32.8	37.7	38.8	40.1	41.1	42.6	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
200	27.8	31.3	33.7	38.2	39.2	40.7	41.7	43.2	43.6	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
100	28.6	32.5	34.5	39.7	40.8	42.5	43.5	45.2	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
80	28.8	32.8	34.7	39.9	41.0	42.7	43.7	45.4	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
60	31.0	36.5	39.5	44.7	45.0	47.7	48.9	50.6	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
40	32.4	37.2	39.3	45.6	47.0	48.9	50.7	52.7	52.4	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
20	32.9	37.6	39.8	46.6	47.8	49.7	51.1	52.8	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
10	34.5	39.4	41.7	48.8	50.2	52.1	53.8	55.5	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
5	34.9	40.1	42.4	49.5	51.0	52.9	54.7	56.4	56.8	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
2 1/2	35.5	41.9	44.5	52.7	54.1	56.2	57.9	59.8	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
1 1/2	36.6	44.2	46.7	55.8	57.7	59.7	61.5	63.4	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
3/4	41.9	48.1	51.5	61.4	63.7	65.6	67.8	69.8	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
1/2	42.7	49.3	52.0	63.2	66.2	68.1	70.7	72.8	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
1/4	44.1	51.5	55.9	67.6	71.4	73.3	76.7	79.1	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
1/8	44.1	51.5	56.7	67.7	71.6	73.6	77.3	79.7	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
1/16	44.2	51.6	56.3	68.8	73.7	74.9	78.6	81.1	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
1/32	44.7	53.0	57.7	71.5	76.8	78.9	83.1	86.3	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
1/64	44.9	53.3	58.2	72.2	78.9	81.0	85.5	88.8	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
1/128	44.9	53.3	58.3	73.7	80.4	81.6	86.2	89.5	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
1/256	45.7	53.6	58.6	74.5	81.1	83.3	88.4	91.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
1/512	45.1	53.7	58.8	75.7	81.9	84.1	89.2	92.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
1/1024	45.1	53.7	58.8	75.5	82.8	85.1	90.4	94.2	95.6	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
1/2048	45.1	53.7	58.9	75.7	83.2	85.4	90.7	94.7	96.0	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
1/4096	45.1	53.7	58.9	75.7	83.3	85.5	91.1	95.4	96.7	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
1/8192	45.1	53.7	58.9	75.7	83.3	85.5	91.1	95.7	97.1	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1/16384	45.1	53.7	58.9	75.7	83.3	85.5	91.1	95.7	97.1	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS 685

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

70051 000031006 RAF JK

74-87

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

		CEILING (HUNDREDS OF METERS)																			
		GT9	549	GF8	GF6	GF4	GF3	GF2	GF1	GF0	GF1	GF2	GF3	GF4	GF5	GF6	GF7	GF8	GF9	GT9	
1000	1000	16.7	19.1	21.4	23.5	25.4	26.7	28.0	29.0	29.0	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	
900	900	16.7	22.8	25.4	27.4	29.1	31.6	32.1	33.7	34.8	34.9	35.2	35.7	35.7	35.7	35.4	35.4	35.4	35.4	35.4	
800	800	16.9	23.0	25.6	27.6	29.1	31.9	32.4	34.1	34.9	35.2	35.5	35.6	35.6	35.6	35.7	35.7	35.7	35.7	35.7	
700	700	16.8	23.0	25.6	27.6	29.1	31.9	32.4	34.1	34.9	35.2	35.5	35.6	35.6	35.6	35.7	35.7	35.7	35.7	35.7	
600	600	16.8	23.1	25.6	27.6	29.1	31.9	32.4	34.1	34.9	35.2	35.5	35.6	35.6	35.6	35.7	35.7	35.7	35.7	35.7	
500	500	16.2	23.0	26.0	27.6	29.1	31.2	32.5	33.1	34.7	35.0	35.9	36.2	36.2	36.2	36.3	36.4	36.4	36.4	36.4	
400	400	27.1	24.0	27.6	32.7	34.1	34.7	36.3	37.3	37.4	37.9	38.7	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	
300	300	23.7	25.5	29.7	33.6	35.0	35.6	37.7	39.2	39.5	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	
200	200	23.3	26.8	32.1	39.2	39.8	40.5	42.4	43.4	43.7	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	
100	100	23.9	29.5	37.0	32.4	41.2	41.9	43.8	44.9	45.2	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	
000	000	24.1	29.7	37.2	39.8	41.5	42.2	44.2	45.2	45.5	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	
000	000	25.4	31.3	34.8	41.8	43.7	44.4	46.5	47.6	48.0	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	
000	000	26.1	32.1	35.7	42.7	44.7	45.4	47.6	48.7	49.1	49.5	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	
000	000	25.2	34.8	39.3	47.1	49.2	49.9	52.2	53.6	54.0	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	
000	000	27.7	37.6	41.8	51.0	53.5	54.2	56.5	58.0	58.4	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	
000	000	34.2	42.8	47.8	58.0	60.9	61.7	64.4	65.9	66.4	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	
000	000	34.8	43.8	49.0	59.5	67.8	63.6	66.3	67.9	68.4	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	
000	000	36.4	46.2	52.0	64.0	68.2	69.0	72.2	74.1	74.6	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	
000	000	36.6	46.6	52.4	64.9	69.1	70.0	73.3	75.3	75.8	76.4	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	
000	000	37.0	47.5	53.5	66.8	71.3	72.3	75.7	77.7	78.3	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	
000	000	37.6	48.6	55.2	70.3	75.8	76.9	80.7	83.2	83.8	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	
000	000	37.9	49.2	56.4	72.0	77.9	79.0	83.1	85.7	86.4	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	
000	000	37.9	49.2	56.4	72.3	78.4	79.6	83.8	86.4	87.2	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	
000	000	37.9	49.3	56.1	72.8	79.1	80.4	84.9	87.7	88.6	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	
000	000	38.0	49.4	56.3	73.5	80.2	81.6	86.4	89.4	90.5	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	
000	000	38.1	49.5	56.5	74.0	80.9	82.3	87.4	90.7	91.9	92.9	93.1	93.4	93.5	93.6	93.7	93.7	93.7	93.7	93.7	
000	000	38.1	49.6	56.6	74.6	81.9	83.4	88.7	92.3	93.7	95.0	95.3	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	
000	000	38.1	49.6	56.7	74.7	82.2	83.7	89.1	92.9	94.3	95.8	96.2	96.7	96.8	97.0	97.1	97.1	97.1	97.1	97.1	
000	000	38.1	49.7	56.7	74.8	82.4	83.9	89.3	93.3	94.0	96.7	97.2	97.8	97.9	98.1	98.2	98.2	98.2	98.2	98.2	
000	000	38.1	49.7	56.7	74.8	82.4	83.8	89.4	93.4	95.1	97.0	97.5	98.2	98.4	98.9	99.1	99.1	99.1	99.1	99.1	
000	000	38.1	49.7	56.7	74.8	82.4	83.8	89.4	93.4	95.1	97.0	97.6	98.2	98.5	99.0	99.2	99.2	99.2	99.2	99.2	

TOTAL NUMBER OF OBSERVATIONS 679

CEILING VERSUS VISIBILITY

4-75,23-24

1000

TOTAL NUMBER OF OBSERVATIONS 10

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

UNITED STATES CLIMATE SERVICE
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: WOODBRIDGE DAF, VA
 STATION NAME: WOODBRIDGE DAF, VA

74-007

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1977-1978

		CEILING (HUNDREDS OF FEET)																							
		26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72
1000	14.4	17.7	21.4	25.1	28.8	32.5	36.2	39.9	43.6	47.3	51.0	54.7	58.4	62.1	65.8	69.5	73.2	76.9	80.6	84.3	88.0	91.7	95.4	99.1	102.8
900	16.5	20.2	24.0	27.7	31.4	35.1	38.8	42.5	46.2	49.9	53.6	57.3	61.0	64.7	68.4	72.1	75.8	79.5	83.2	86.9	90.6	94.3	98.0	101.7	105.4
800	18.6	22.3	26.0	29.7	33.4	37.1	40.8	44.5	48.2	51.9	55.6	59.3	63.0	66.7	70.4	74.1	77.8	81.5	85.2	88.9	92.6	96.3	100.0	103.7	107.4
700	20.7	24.4	28.1	31.8	35.5	39.2	42.9	46.6	50.3	54.0	57.7	61.4	65.1	68.8	72.5	76.2	79.9	83.6	87.3	91.0	94.7	98.4	102.1	105.8	109.5
600	22.8	26.5	30.2	33.9	37.6	41.3	45.0	48.7	52.4	56.1	59.8	63.5	67.2	70.9	74.6	78.3	82.0	85.7	89.4	93.1	96.8	100.5	104.2	107.9	111.6
500	24.9	28.6	32.3	36.0	39.7	43.4	47.1	50.8	54.5	58.2	61.9	65.6	69.3	73.0	76.7	80.4	84.1	87.8	91.5	95.2	98.9	102.6	106.3	110.0	113.7
400	27.0	30.7	34.4	38.1	41.8	45.5	49.2	52.9	56.6	60.3	64.0	67.7	71.4	75.1	78.8	82.5	86.2	89.9	93.6	97.3	101.0	104.7	108.4	112.1	115.8
300	29.1	32.8	36.5	40.2	43.9	47.6	51.3	55.0	58.7	62.4	66.1	69.8	73.5	77.2	80.9	84.6	88.3	92.0	95.7	99.4	103.1	106.8	110.5	114.2	117.9
200	31.2	34.9	38.6	42.3	46.0	49.7	53.4	57.1	60.8	64.5	68.2	71.9	75.6	79.3	83.0	86.7	90.4	94.1	97.8	101.5	105.2	108.9	112.6	116.3	120.0
100	33.3	37.0	40.7	44.4	48.1	51.8	55.5	59.2	62.9	66.6	70.3	74.0	77.7	81.4	85.1	88.8	92.5	96.2	99.9	103.6	107.3	111.0	114.7	118.4	122.1
0	35.4	39.1	42.8	46.5	50.2	53.9	57.6	61.3	65.0	68.7	72.4	76.1	79.8	83.5	87.2	90.9	94.6	98.3	102.0	105.7	109.4	113.1	116.8	120.5	124.2

TOTAL NUMBER OF OBSERVATIONS 707

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19451 ADDORIDGE RAF UK STATION NAME

14-52 TIME

ABE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1945-1946

		VISIBILITY - STATUTE MILES																OR HUNDREDS OF METERS	
		200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1000
1000	1000	14.2	13.7	10.2	24.5	27.6	28.2	31.7	31.3	31.9	32.2	32.7	33.3	37.4	32.4	37.7	32.4		
900	900	15.6	20.3	21.9	27.7	31.5	32.2	34.3	35.7	35.9	36.7	36.7	37.1	37.1	37.2	37.4	37.4		
800	800	15.6	20.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
700	700	15.6	21.3	21.9	27.6	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
600	600	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
500	500	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
400	400	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
300	300	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
200	200	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
100	100	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
0	0	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
1000	1000	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
900	900	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
800	800	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
700	700	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
600	600	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
500	500	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
400	400	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
300	300	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
200	200	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
100	100	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
0	0	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
1000	1000	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
900	900	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
800	800	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
700	700	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
600	600	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
500	500	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
400	400	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
300	300	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
200	200	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
100	100	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		
0	0	15.6	21.3	21.9	27.8	31.6	32.3	34.5	35.9	36.1	37.3	37.1	37.2	37.3	37.4	37.4	37.4		

TOTAL NUMBER OF OBSERVATIONS 156

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

CEILING VERSUS VISIBILITY

APC

200-1122

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: WOODBRIDGE RAF, UK

YEAR: 74-87

PERIOD: 1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY: STATUTE MILES																OR (IN HUNDREDS OF METERS)													
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	10.0
1- 20000	61.9	52.9	68.7	65.5	65.4	67.7	67.3	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
2- 18000	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
3- 16000	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
4- 14000	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
5- 12000	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
6- 10000	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
7- 8000	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
8- 6000	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
9- 4000	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
10- 3000	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
11- 2000	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
12- 1800	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
13- 1600	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
14- 1400	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
15- 1200	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
16- 1000	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
17- 800	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
18- 600	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
19- 400	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
20- 200	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
21- 100	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
22- 50	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
23- 25	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
24- 10	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
25- 5	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
26- 2	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
27- 1	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
28- 0	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9

TOTAL NUMBER OF OBSERVATIONS: 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21251 WOODBRIDGE RAF JK

74-37

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1120-1700

ELEVATION FEET	VISIBILITY STATUTE MILES															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
1 000	18.9	21.7	23.9	26.3	31.9	35.9	31.2	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
2 000	25.1	28.9	31.3	37.2	42.7	45.7	41.0	41.9	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8
3 000	25.6	29.3	32.0	37.9	41.3	41.4	41.8	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
4 000	25.6	29.3	32.1	38.0	41.4	41.6	41.9	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9
5 000	25.7	29.4	32.2	38.2	41.8	41.9	42.2	43.1	43.7	43.2	43.2	43.2	43.2	43.2	43.2	43.2
6 000	26.4	30.3	33.1	39.4	43.0	43.1	43.4	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
7 000	27.7	31.0	33.9	40.3	44.1	44.2	44.7	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
8 000	29.6	34.4	39.8	44.8	49.2	49.3	49.8	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
9 000	29.8	34.8	39.8	45.7	51.1	51.2	51.7	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
10 000	29.8	34.8	39.8	45.8	51.2	51.3	51.8	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
11 000	31.2	36.4	41.2	48.6	53.1	53.2	53.7	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8
12 000	32.5	38.7	43.9	51.4	56.0	56.1	56.6	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
13 000	36.8	43.8	49.4	57.4	62.9	63.0	63.4	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6
14 000	41.7	49.6	55.9	64.6	71.1	71.2	71.7	71.6	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
15 000	46.4	56.9	63.6	73.0	78.7	78.8	79.6	81.7	81.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1
16 000	49.4	58.1	65.3	74.9	80.6	80.7	81.4	82.6	82.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
17 000	51.9	61.9	70.1	80.9	86.6	86.7	87.6	88.7	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1
18 000	52.0	62.0	71.3	81.2	86.9	87.0	87.9	89.0	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4
19 000	52.9	63.0	71.8	83.4	89.2	89.3	90.7	91.3	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8
20 000	53.1	63.4	72.2	84.6	91.3	91.6	92.6	94.0	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
21 000	53.2	63.7	72.9	85.9	93.1	93.3	94.3	95.8	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
22 000	53.2	63.7	72.8	85.9	93.3	93.6	94.6	96.2	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8
23 000	53.2	63.8	72.9	86.2	94.1	94.4	95.6	97.2	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8
24 000	53.2	63.8	72.9	86.3	94.3	94.7	95.9	97.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
25 000	53.2	63.8	72.9	86.3	94.7	95.0	96.2	98.0	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
26 000	53.2	63.8	72.9	86.3	94.9	95.2	96.6	98.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
27 000	53.2	63.8	72.9	86.3	95.1	95.4	96.9	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
28 000	53.2	63.8	72.9	86.3	95.1	95.4	96.8	99.1	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9
29 000	53.2	63.8	72.9	86.3	95.1	95.4	96.8	99.1	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30 000	53.2	63.8	72.9	86.3	95.1	95.4	96.8	99.1	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35051 000810000 RAF 4

74-97

APC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

19-7-2000

ELEVATION FEET	VISIBILITY STATUTE MILES															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
20000	27.1	30.2	32.7	35.6	39.2	43.4	48.1	53.2	58.7	64.6	70.8	77.3	84.1	91.1	98.2	100.0
18000	27.9	31.1	33.7	36.6	40.2	44.4	49.1	54.2	59.7	65.6	71.8	78.3	85.1	92.1	99.2	100.0
16000	28.1	31.3	33.9	36.8	40.4	44.6	49.3	54.4	59.9	65.8	72.0	78.5	85.3	92.3	99.4	100.0
14000	28.3	31.5	34.1	37.0	40.6	44.8	49.5	54.6	60.1	66.0	72.2	78.7	85.5	92.5	99.6	100.0
12000	28.5	31.7	34.3	37.2	40.8	45.0	49.7	54.8	60.3	66.2	72.4	78.9	85.7	92.7	99.8	100.0
10000	28.7	31.9	34.5	37.4	41.0	45.2	49.9	55.0	60.5	66.4	72.6	79.1	85.9	92.9	99.9	100.0
8000	28.9	32.1	34.7	37.6	41.2	45.4	50.1	55.2	60.7	66.6	72.8	79.3	86.1	93.1	100.0	100.0
6000	29.1	32.3	34.9	37.8	41.4	45.6	50.3	55.4	60.9	66.8	73.0	79.5	86.3	93.3	100.0	100.0
4000	29.3	32.5	35.1	38.0	41.6	45.8	50.5	55.6	61.1	67.0	73.2	79.7	86.5	93.5	100.0	100.0
2000	29.5	32.7	35.3	38.2	41.8	46.0	50.7	55.8	61.3	67.2	73.4	79.9	86.7	93.7	100.0	100.0
0	29.7	32.9	35.5	38.4	42.0	46.2	50.9	56.0	61.5	67.4	73.6	80.1	86.9	93.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 55951 40088 RIDGE RAF UK

74-87

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11-2-2370

CEILING FEET	VISIBILITY STATUTE MILES OR (IN NUMBERS OF METERS)															
	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950
20000	30.9	35.5	39.1	41.3	43.2	43.6	44.7	45.7	45.9	46.3	46.5	46.6	46.6	46.6	46.6	46.8
20000	33.2	36.2	41.7	45.0	47.7	48.2	49.4	50.4	50.6	50.9	51.2	51.3	51.3	51.3	51.3	51.5
20000	33.3	36.3	41.1	45.1	47.8	48.3	49.5	50.5	50.7	51.1	51.3	51.4	51.4	51.4	51.4	51.6
20000	33.3	36.3	41.1	45.1	47.8	48.3	49.5	50.5	50.7	51.1	51.3	51.4	51.4	51.4	51.4	51.6
20000	33.3	36.3	41.1	45.1	47.8	48.3	49.5	50.5	50.7	51.1	51.3	51.4	51.4	51.4	51.4	51.6
20000	34.2	39.3	42.2	46.3	49.1	49.5	50.8	51.8	52.1	52.5	52.7	52.8	52.8	52.8	52.9	53.1
20000	34.3	39.4	42.3	46.9	49.7	50.2	51.5	52.5	52.7	53.3	53.5	53.6	53.6	53.6	53.6	53.9
20000	35.9	42.2	45.1	51.4	53.7	54.4	55.2	57.3	57.5	58.2	58.4	58.5	58.5	58.5	58.5	58.8
20000	36.9	43.5	46.7	52.1	55.4	56.1	57.9	59.9	59.2	59.9	60.1	60.2	60.2	60.2	60.2	60.4
20000	37.1	43.7	46.9	52.3	55.6	56.3	58.1	59.2	59.4	60.1	60.7	60.4	60.4	60.4	60.4	60.7
20000	38.5	45.6	49.5	55.2	58.5	59.2	61.7	62.1	62.3	63.7	63.2	63.4	63.4	63.4	63.4	63.6
20000	39.2	46.6	50.7	56.2	59.6	60.2	62.7	63.1	63.4	64.0	64.2	64.4	64.4	64.4	64.4	64.6
20000	40.4	48.3	52.7	58.9	62.2	63.0	64.9	66.1	66.4	67.0	67.3	67.4	67.4	67.4	67.4	67.6
20000	41.8	49.9	54.7	61.2	64.6	65.4	67.3	68.5	68.7	69.4	69.6	69.7	69.7	69.7	69.7	69.9
20000	44.2	53.9	58.8	67.0	71.5	71.4	73.3	74.6	75.7	75.6	75.9	76.7	76.7	76.7	76.7	76.2
20000	45.3	54.2	59.2	67.8	71.3	72.2	74.1	75.4	75.8	76.4	76.6	76.8	76.8	76.8	76.8	77.7
20000	47.5	56.9	62.3	72.1	76.1	77.1	79.4	80.9	81.2	81.9	82.1	82.2	82.2	82.2	82.2	82.5
20000	47.7	57.2	62.9	72.8	77.7	78.0	80.6	82.0	82.3	83.0	83.2	83.4	83.4	83.4	83.4	83.6
20000	48.4	58.2	64.7	74.0	78.1	79.1	81.8	83.2	83.6	84.2	84.5	84.6	84.6	84.6	84.6	84.8
20000	49.2	59.1	65.3	75.3	79.8	80.8	84.1	85.8	86.1	86.8	87.7	87.2	87.2	87.2	87.2	87.4
20000	49.8	60.3	66.6	77.1	81.8	82.8	86.3	88.2	88.5	89.2	89.4	89.5	89.5	89.5	89.5	89.7
20000	49.8	60.3	66.3	77.2	81.9	82.9	86.5	88.4	88.7	89.4	89.6	89.7	89.7	89.7	89.7	89.9
20000	49.9	60.6	67.7	77.5	83.7	84.0	87.6	90.5	90.8	91.5	91.7	91.8	91.8	91.8	91.8	92.1
20000	49.9	60.6	67.7	78.2	84.0	85.0	89.1	92.0	92.3	93.1	93.3	93.4	93.4	93.4	93.4	93.6
20000	49.9	60.6	67.2	78.7	84.7	85.8	90.2	93.1	94.7	94.7	95.7	95.1	95.1	95.1	95.1	95.7
20000	49.9	60.6	67.2	78.9	85.3	86.4	90.8	93.7	94.6	95.4	95.6	95.8	95.8	95.8	95.8	96.7
20000	49.9	60.7	67.3	79.1	85.7	86.8	91.4	94.4	95.4	96.2	96.4	96.5	96.5	96.5	96.5	97.7
20000	49.9	60.7	67.3	79.1	85.7	86.8	91.6	95.0	96.4	97.2	97.4	97.7	97.7	97.7	97.9	98.2
20000	49.9	60.7	67.3	79.1	85.7	86.8	91.6	95.1	96.5	97.4	97.8	98.2	98.3	98.7	98.7	99.3
20000	49.9	60.7	67.3	79.1	85.7	86.8	91.6	95.1	96.5	97.4	97.8	98.2	98.3	99.7	99.1	100.0
20000	49.9	60.7	67.3	79.1	85.7	86.8	91.6	95.1	96.5	97.4	97.8	98.2	98.3	99.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 895

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

735251 WOODBRIDGE RAF UK

74-87

AR2

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES OR HUNDREDS OF METERS																							
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4
10000	19.9	24.1	26.1	31.7	32.8	73.1	34.2	34.9	35.7	35.4	35.6	35.7	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	22.8	27.8	31.7	35.6	38.2	38.6	39.9	40.6	40.9	41.2	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
6000	23.1	28.0	30.3	35.9	38.5	38.9	40.7	41.0	41.3	41.7	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
4000	23.1	28.0	30.3	35.9	38.6	39.3	40.3	41.1	41.4	41.8	41.9	42.0	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
2000	23.2	28.1	30.4	36.1	38.8	39.2	40.5	41.4	41.6	42.0	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	42.2
1000	24.1	29.1	31.5	37.5	40.4	40.8	42.1	42.9	43.2	43.6	43.7	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
500	24.4	29.6	32.0	38.3	41.3	41.7	43.1	43.9	44.2	44.6	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
400	26.3	32.3	35.2	42.5	46.2	46.7	48.3	49.1	49.4	49.9	50.1	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
300	26.9	33.1	36.3	43.6	47.6	48.1	49.8	50.7	51.0	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
200	27.1	33.2	36.4	44.1	47.8	48.3	49.9	50.8	51.1	51.6	51.7	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
100	28.5	35.1	38.6	46.6	51.5	51.7	52.7	53.6	53.9	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
50	29.4	36.3	40.1	48.3	52.3	52.8	54.5	55.5	55.8	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
30	31.9	39.5	43.5	52.8	57.2	57.8	59.7	60.8	61.2	61.8	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
20	34.8	43.0	47.4	57.4	61.8	62.4	64.4	65.5	65.9	66.6	66.7	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
10	39.3	48.4	53.4	64.2	68.8	69.5	71.5	72.9	73.2	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
5	41.1	49.5	54.6	65.8	70.6	71.2	73.3	74.7	75.0	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
3	42.8	51.0	56.6	67.8	72.6	73.1	75.2	76.6	76.9	77.5	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
2	43.3	51.3	57.0	68.1	72.9	73.4	75.5	76.9	77.2	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
1	43.9	51.9	57.6	68.7	73.5	74.0	76.1	77.5	77.8	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
0.5	44.9	52.9	58.6	69.7	74.5	75.0	77.1	78.5	78.8	79.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
0.2	45.1	53.1	58.8	70.0	74.8	75.3	77.4	78.8	79.1	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
0.1	45.0	53.0	58.7	69.9	74.7	75.2	77.3	78.7	79.0	79.6	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
0.05	45.1	53.1	58.8	69.9	74.7	75.2	77.3	78.7	79.0	79.6	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
0.02	45.2	53.2	58.9	70.0	74.8	75.3	77.4	78.8	79.1	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
0.01	45.2	53.2	58.9	70.0	74.8	75.3	77.4	78.8	79.1	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
0.005	45.2	53.2	58.9	70.0	74.8	75.3	77.4	78.8	79.1	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
0.002	45.2	53.2	58.9	70.0	74.8	75.3	77.4	78.8	79.1	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
0.001	45.2	53.2	58.9	70.0	74.8	75.3	77.4	78.8	79.1	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
0.0005	45.2	53.2	58.9	70.0	74.8	75.3	77.4	78.8	79.1	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
0.0002	45.2	53.2	58.9	70.0	74.8	75.3	77.4	78.8	79.1	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
0.0001	45.2	53.2	58.9	70.0	74.8	75.3	77.4	78.8	79.1	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1

TOTAL NUMBER OF OBSERVATIONS 6985

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

CEILING VERSUS VISIBILITY

74-76,73-27

AY

112-202

TOTAL NUMBER OF OBSERVATIONS 234

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 035251 WOODBRIDGE PAF, VA

74-76, 78-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

222-2500

CEILING FEET	VISIBILITY, STATUTE MILES OR (HUNDREDS OF METERS)															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
1000	16.8	24.5	29.6	36.6	39.1	39.9	42.4	43.2	44.7	45.7	45.7	45.1	47.2	45.3	45.6	45.7
900	13.8	28.1	34.2	41.5	44.2	45.2	49.2	49.7	49.9	51.1	51.1	51.1	51.2	51.3	51.6	51.7
800	14.8	28.1	34.2	41.6	44.4	45.3	49.4	49.3	50.1	51.1	51.2	51.3	51.4	51.6	51.9	51.9
700	13.8	28.1	34.2	41.6	44.4	45.3	49.4	49.3	50.1	51.1	51.2	51.3	51.4	51.6	51.9	51.9
600	12.1	28.4	34.7	42.1	44.6	45.8	49.9	49.8	50.6	51.6	51.7	51.8	51.9	52.0	52.3	52.4
500	19.4	29.3	36.7	43.5	46.4	47.4	51.6	51.4	52.3	53.2	53.4	53.5	53.6	53.7	54.7	54.1
400	19.5	29.5	36.2	44.0	47.0	48.0	51.2	52.0	52.2	53.8	54.7	54.1	54.2	54.3	54.6	54.7
300	21.5	32.1	39.7	49.5	53.7	54.2	57.6	58.5	59.5	60.6	60.7	60.8	60.9	61.7	61.3	61.4
200	22.5	33.7	41.5	51.7	55.2	56.5	62.0	62.9	61.9	62.9	63.1	63.2	63.3	63.4	63.7	63.3
100	22.5	33.7	41.6	52.3	55.5	56.8	62.3	61.3	62.7	63.3	63.4	63.5	63.7	63.8	64.0	64.1
50	22.9	34.3	42.3	53.7	57.4	58.8	62.6	63.7	64.6	65.8	65.9	66.1	66.2	66.7	66.5	66.7
25	23.7	35.1	43.5	54.9	58.6	60.0	63.8	65.3	66.3	67.5	67.6	67.7	67.9	68.1	68.2	68.3
10	25.5	37.9	47.7	59.1	63.3	64.7	68.6	70.3	71.3	72.5	72.7	72.8	72.9	73.0	73.3	73.5
5	26.7	39.9	49.7	61.9	66.2	67.6	71.6	73.4	74.5	75.7	75.9	75.9	76.0	76.1	76.4	76.6
2	29.7	42.6	52.3	65.7	70.9	72.7	77.7	78.9	80.0	81.5	81.7	81.8	81.9	82.0	82.3	82.5
1	29.3	43.5	53.1	66.9	72.1	73.9	78.2	81.1	81.7	82.7	82.9	83.0	83.1	83.2	83.5	83.7
0.5	30.2	44.8	54.4	68.9	74.1	75.9	80.3	82.3	83.3	85.0	85.1	85.3	85.4	85.5	85.7	86.0
0.25	30.2	44.8	54.4	69.2	74.3	76.3	80.9	83.0	84.1	85.7	85.9	86.0	86.1	86.2	86.5	86.7
0.1	30.3	45.0	54.7	69.5	74.7	76.6	81.3	83.3	84.4	86.1	86.2	86.3	86.5	86.6	86.8	87.1
0.05	30.5	45.3	55.6	70.6	76.0	78.1	83.1	85.1	86.2	88.0	88.1	88.2	88.4	88.5	89.7	89.0
0.025	30.7	45.9	56.2	71.7	77.3	79.4	84.7	86.7	87.8	89.7	89.8	89.9	90.0	90.2	90.4	90.6
0.01	30.7	45.9	56.2	72.1	78.2	80.2	85.7	87.8	88.8	90.8	90.9	91.0	91.1	91.2	91.5	91.7
0.005	30.8	46.2	56.7	72.8	79.7	81.9	88.7	90.0	91.1	93.0	93.2	93.3	93.4	93.5	93.8	94.0
0.0025	30.8	46.2	56.7	73.3	80.3	82.5	89.7	91.1	92.3	94.4	94.5	94.6	94.8	95.0	95.2	95.4
0.001	30.8	46.3	57.0	73.5	80.9	83.1	89.6	91.8	93.0	95.2	95.3	95.4	95.7	95.8	96.7	96.3
0.0005	31.2	46.8	57.4	74.0	81.7	83.9	90.8	93.4	94.6	96.8	96.9	97.0	97.2	97.4	97.6	97.8
0.00025	31.2	46.8	57.4	74.3	81.9	84.2	91.2	93.9	95.1	97.5	97.6	97.7	98.0	98.1	98.3	98.6
0.0001	31.2	46.8	57.4	74.0	81.9	84.2	91.2	93.9	95.2	97.7	98.0	98.1	98.4	98.8	99.2	99.4
0.00005	31.2	46.8	57.4	74.3	81.9	84.2	91.2	93.9	95.2	97.7	98.0	98.1	98.4	99.0	99.5	100.0
0.000025	31.2	46.8	57.4	74.0	81.9	84.2	91.2	93.9	95.2	97.7	98.0	98.1	98.4	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 834

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

122051 JODDIDGE RAF JK

74-87

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1220-0400

VISIBILITY	STATUTE MILES										FEET (IN NUMBER OF METERS)									
	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
1	11.5	14.8	22.4	29.8	37.6	45.9	54.4	63.0	71.8	80.7	34.4	34.4	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.5
2	14.7	23.1	27.3	35.0	37.6	42.2	41.3	41.4	41.2	41.2	41.9	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
3	14.7	23.1	27.3	35.0	37.6	42.2	41.3	41.4	41.2	41.2	41.9	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
4	15.1	23.3	27.6	35.5	39.1	38.7	41.4	42.7	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
5	15.1	23.3	27.6	35.5	39.1	38.7	41.4	42.7	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
6	15.5	24.3	29.9	37.6	40.5	41.2	43.2	44.8	44.9	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
7	16.4	25.4	30.1	39.4	42.6	43.3	45.3	47.0	47.1	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
8	19.9	31.0	35.6	45.9	49.4	50.2	52.7	54.0	54.1	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
9	19.3	31.0	35.6	45.9	49.4	50.2	52.7	54.0	54.1	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
10	19.3	31.0	35.6	45.9	49.4	50.2	52.7	54.0	54.1	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
11	22.5	33.3	39.4	51.1	55.1	55.9	58.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
12	21.1	34.0	41.0	53.1	57.4	58.1	60.4	62.5	62.7	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
13	23.4	36.9	44.1	57.0	61.9	62.7	65.7	67.5	67.7	68.0	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
14	25.3	38.8	46.5	61.5	66.3	67.1	69.3	72.0	72.3	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
15	27.7	42.0	50.3	65.4	70.8	71.5	73.9	76.7	77.7	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
16	28.2	42.7	50.9	66.6	72.0	72.8	75.7	77.9	78.2	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
17	29.6	44.4	53.1	69.2	74.7	75.4	77.7	80.6	80.9	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
18	31.0	45.1	53.9	69.9	75.3	76.1	78.3	81.3	81.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
19	30.5	45.6	54.7	71.4	77.7	77.8	80.7	82.9	83.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
20	30.9	46.7	56.7	73.9	79.9	80.7	82.9	85.8	86.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
21	31.4	47.3	56.7	75.0	81.3	82.0	84.3	87.2	87.6	88.8	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
22	31.4	47.4	56.8	75.7	82.0	82.8	85.4	88.4	88.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
23	31.4	47.4	56.8	76.0	82.8	83.6	86.2	89.2	89.6	90.8	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
24	31.4	47.4	57.1	76.8	84.7	85.2	87.9	91.2	91.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
25	31.4	47.4	57.1	77.3	85.2	86.0	89.3	93.0	93.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
26	31.4	47.4	57.3	77.7	85.6	86.5	90.1	94.5	95.3	96.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
27	31.5	47.5	57.4	77.9	85.9	86.9	90.7	95.4	96.2	97.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
28	31.5	47.5	57.4	77.9	86.0	87.1	90.8	95.5	96.5	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
29	31.5	47.5	57.4	77.9	86.0	87.1	90.8	95.5	96.5	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
30	31.5	47.5	57.4	77.9	86.0	87.1	90.8	95.5	96.5	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 896

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

CEILING VERSUS VISIBILITY

74-57

May

— 2 —

CE (4 INCHES IF APPLICABLE)

TOTAL NUMBER OF OBSERVATIONS 924

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

75551 WOODBRIDGE PAF, VA

74-57

254

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

11-7-1400

CEILING	1000	900	800	700	600	500	400	300	200	100	50	25	10	5	2	1	0
1000	19.4	26.6	29.1	33.7	34.7	34.7	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
900	25.3	33.1	36.7	43.0	43.0	43.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
800	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
700	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
600	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
500	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
400	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
300	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
200	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
100	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
50	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
25	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
10	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
5	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
2	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
1	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
0	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6

TOTAL NUMBER OF OBSERVATIONS 524

NATIONAL METEOROLOGICAL SERVICE
 OFFICE OF THE SECRETARY
 AIR WEATHER SERVICE/NA

CEILING VERSUS VISIBILITY

STATION: WONNABE RAF DATE: 1-11

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

CEILING	1000	900	800	700	600	500	400	300	200	100	50	25	10	5	2	1	0
1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
25	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

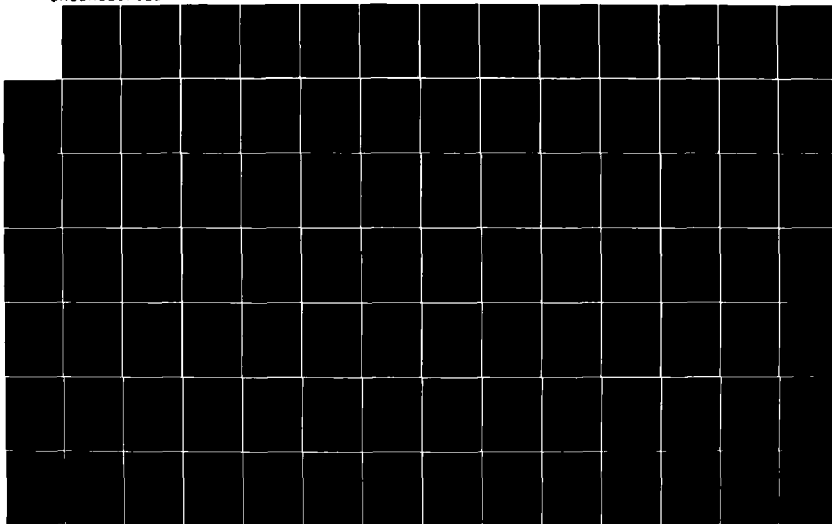
TOTAL NUMBER OF OBSERVATIONS 12

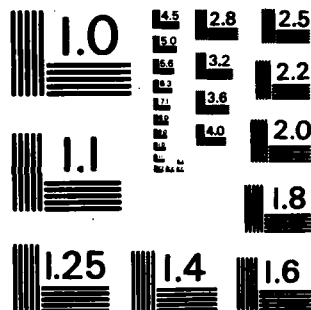
AD-A140 247

WOODBIDGE RAF UNITED KINGDOM REVISED UNIFORM SUMMARY
OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 07 MAR 84
UNCLASSIFIED USAFETAC/DS-84/011 S01-AD-E850 623 F/G 4/2

3/5

NL





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

74-83
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 EQ90	≥5 GE80	≥4 GE60	≥3 GE48	≥2.5 GE40	≥2 GE32	≥1.5 GE24	≥1 GE20	≥0.75 GE16	≥0.5 GE12	≥0.25 GE10	≥0.15 GE08	≥0.1 GE05	≥0.05 GE04	≥0 GE03
NO CEILING ≥ 20000	28.6	34.6	37.2	43.9	45.2	45.5	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 18000	33.8	41.3	44.5	53.2	54.9	55.1	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 16000	33.8	41.3	44.5	53.2	54.9	55.1	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 14000	34.7	41.6	44.7	53.5	55.1	55.3	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 12000	34.3	42.0	45.1	54.0	55.6	55.8	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 10000	35.4	43.6	47.4	56.5	58.1	58.3	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 9000	35.8	44.3	48.1	57.8	59.5	59.7	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 8000	38.5	48.7	53.7	65.2	67.3	67.6	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 7000	39.4	49.7	54.9	66.8	69.3	69.6	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 6000	39.6	50.0	55.2	67.2	69.7	70.0	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 5000	41.8	52.7	58.0	70.8	73.5	73.8	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5
≥ 4500	42.9	54.0	59.4	72.2	74.9	75.3	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3
≥ 4000	46.6	58.3	64.4	77.7	80.6	81.1	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.5
≥ 3500	48.8	61.3	67.3	80.7	83.8	84.2	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.7
≥ 3000	51.9	64.8	71.2	85.7	89.1	89.5	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	91.0
≥ 2500	52.2	65.0	71.4	86.0	89.4	89.8	90.7	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.3
≥ 2000	53.4	66.5	73.4	88.6	92.3	92.7	93.6	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.3
≥ 1800	53.7	66.9	73.8	89.1	92.7	93.2	94.0	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.7
≥ 1500	54.1	67.5	74.6	89.9	93.8	94.3	95.1	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.8
≥ 1200	54.2	67.7	74.8	91.0	94.9	95.3	96.2	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.9
≥ 1000	54.4	68.0	75.0	91.6	95.5	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 900	54.4	68.0	75.0	91.6	95.5	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 800	54.4	68.0	75.0	91.6	95.5	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 700	54.4	68.0	75.0	91.6	95.5	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 600	54.4	68.0	75.0	91.6	95.5	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 500	54.4	68.0	75.0	91.6	95.5	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 400	54.4	68.0	75.0	91.6	95.5	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 300	54.4	68.0	75.0	91.6	95.5	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 200	54.4	68.0	75.0	91.6	95.5	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 100	54.4	68.0	75.0	91.6	95.5	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 0	54.4	68.0	75.0	91.6	95.5	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

075951 WOODBRIDGE RAF UK

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2120-2300
MOON 1.1

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
	GT9.3	F09.3	GF8.0	GF6.0	GF4.8	GF3.7	GF3.2	GF2.4	GF2.0	GF1.6	GF1.2	GF1.0	GF0.8	GF0.6	GF0.4	GF0.3
NO CEILING	32.4	38.6	41.9	48.1	49.1	49.8	57.7	51.1	51.1	51.3	51.5	51.5	51.5	51.5	51.5	51.5
≥ 20000	36.6	43.4	46.9	54.8	56.3	57.1	57.9	58.4	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	36.6	43.4	47.0	54.9	56.4	57.2	58.0	58.5	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8
≥ 16000	36.6	43.4	47.7	54.9	56.4	57.2	58.0	58.5	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8
≥ 14000	36.6	43.4	47.7	54.9	56.4	57.2	58.0	58.5	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8
≥ 12000	36.9	43.7	47.4	55.3	56.9	57.6	58.5	58.9	58.9	59.1	59.2	59.2	59.2	59.2	59.2	59.2
≥ 10000	38.1	45.0	48.7	56.7	58.4	59.1	60.0	60.4	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7
≥ 9000	38.8	45.7	49.5	57.9	59.5	60.3	61.2	61.6	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000	41.6	49.3	53.9	63.8	65.6	66.3	67.3	67.7	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1
≥ 7000	42.7	50.4	55.0	65.2	67.0	67.9	69.0	69.5	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.8
≥ 6000	43.1	51.2	55.9	66.0	67.9	68.7	69.9	70.3	70.3	70.6	70.7	70.7	70.7	70.7	70.7	70.7
≥ 5000	44.8	53.4	58.1	69.7	72.0	72.8	74.0	74.4	74.4	74.6	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500	45.8	54.6	59.3	71.4	73.7	74.5	75.7	76.2	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4000	48.5	58.3	64.3	77.4	80.4	81.6	83.3	83.7	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3500	50.1	60.0	66.3	80.3	82.2	84.4	86.1	86.5	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3000	51.6	61.8	68.4	83.4	86.6	87.8	89.5	90.0	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	51.8	62.0	68.6	83.6	86.8	88.0	89.8	90.2	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2000	52.4	62.7	69.4	84.5	88.1	89.3	91.2	91.8	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1800	52.9	63.2	69.9	85.0	88.7	89.9	91.7	92.3	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	53.6	64.1	70.8	86.0	89.6	90.8	92.7	93.3	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	54.0	64.7	71.4	87.7	91.5	92.7	94.6	95.3	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	54.0	64.8	71.5	88.0	91.8	93.0	94.9	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	54.0	64.8	71.5	88.0	91.8	93.0	94.9	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	54.0	64.8	71.5	88.0	91.8	93.0	94.9	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	54.0	64.8	71.5	88.0	91.8	93.0	94.9	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	54.0	64.8	71.5	88.0	91.8	93.0	94.9	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	54.0	64.8	71.5	88.0	91.8	93.0	94.9	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 400	54.0	64.8	71.5	88.0	91.8	93.0	94.9	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 300	54.0	64.8	71.5	88.0	91.8	93.0	94.9	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 200	54.0	64.8	71.5	88.0	91.8	93.0	94.9	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 100	54.0	64.8	71.5	88.0	91.8	93.0	94.9	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 0	54.0	64.8	71.5	88.0	91.8	93.0	94.9	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0

TOTAL NUMBER OF OBSERVATIONS 927

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

STATION 035951 WOODBRIDGE RAF UK

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.015	≥0.01
	GT90	EQ90	GE80	GE60	GE40	GE20	GE12	GE24	GE20	GE16	GE12	GE10	GE08	GE05	GE04	GE03	GE02
NO CEILING	22.2	29.2	32.4	38.5	47.0	40.4	41.3	41.6	41.7	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 20000	26.1	34.3	38.1	45.7	47.5	47.9	48.9	49.3	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8
≥ 18000	26.3	34.5	38.2	45.9	47.7	48.2	49.2	49.6	49.7	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.1
≥ 16000	26.3	34.5	38.2	45.9	47.7	48.2	49.2	49.6	49.7	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.1
≥ 14000	26.3	34.6	38.3	46.0	47.8	48.3	49.4	49.7	49.8	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2
≥ 12000	26.5	34.8	38.7	46.5	48.3	48.8	49.9	50.2	50.4	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7
≥ 10000	27.3	35.9	40.0	48.1	50.0	50.5	51.6	52.0	52.1	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5
≥ 9000	27.9	36.7	40.8	49.2	51.2	51.6	52.8	53.2	53.3	53.5	53.6	53.6	53.6	53.6	53.7	53.7	53.7
≥ 8000	30.5	40.5	45.4	55.1	57.5	58.0	59.2	59.7	59.8	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2
≥ 7000	31.5	42.0	47.0	57.1	59.7	60.3	61.6	62.1	62.2	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6
≥ 6000	31.7	42.2	47.3	57.5	60.0	60.6	61.9	62.4	62.6	62.8	62.9	62.9	62.9	62.9	62.9	62.9	63.0
≥ 5000	33.0	44.1	49.3	60.2	63.0	63.6	65.0	65.6	65.7	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.2
≥ 4500	34.2	45.6	51.0	62.2	65.0	65.6	67.1	67.7	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3
≥ 4000	37.3	49.8	55.9	67.9	70.9	71.6	73.2	74.0	74.1	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.6
≥ 3500	39.8	52.9	59.2	71.9	75.1	75.8	77.5	78.3	78.5	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.0
≥ 3000	43.3	57.4	64.2	77.8	81.4	82.2	83.9	84.8	84.9	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.6
≥ 2500	44.0	58.4	65.3	78.9	82.6	83.4	85.2	86.0	86.2	86.6	86.6	86.6	86.7	86.7	86.7	86.8	86.8
≥ 2000	45.1	60.0	67.2	81.4	85.2	86.0	87.9	88.7	88.9	89.4	89.4	89.4	89.5	89.5	89.5	89.6	89.6
≥ 1800	45.4	60.4	67.6	81.9	85.8	86.6	88.5	89.4	89.6	90.0	90.0	90.1	90.1	90.1	90.1	90.2	90.2
≥ 1500	45.8	60.9	68.3	83.1	87.0	87.8	89.7	90.6	90.8	91.2	91.3	91.3	91.3	91.3	91.4	91.4	91.4
≥ 1200	46.1	61.7	69.3	85.2	89.3	90.2	92.1	93.0	93.3	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 1000	46.3	62.0	69.6	86.0	90.2	91.0	93.0	94.0	94.2	94.7	94.7	94.7	94.8	94.8	94.9	94.9	94.9
≥ 900	46.3	62.1	69.7	86.2	90.5	91.4	93.4	94.4	94.6	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.3
≥ 800	46.3	62.1	69.8	86.4	90.9	91.8	93.9	94.8	95.1	95.5	95.6	95.6	95.7	95.7	95.7	95.8	95.8
≥ 700	46.3	62.2	70.0	86.7	91.5	92.5	94.7	95.8	96.0	96.5	96.5	96.6	96.6	96.7	96.7	96.7	96.7
≥ 600	46.3	62.3	70.1	86.9	91.9	92.8	95.2	96.4	96.7	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4
≥ 500	46.4	62.3	70.1	87.0	92.2	93.2	95.7	96.9	97.3	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1
≥ 400	46.5	62.4	70.3	87.2	92.5	93.5	96.2	97.5	98.0	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9
≥ 300	46.5	62.4	70.3	87.2	92.5	93.6	96.3	97.7	98.2	99.0	99.1	99.1	99.2	99.3	99.4	99.4	99.4
≥ 200	46.5	62.4	70.3	87.2	92.5	93.6	96.3	97.7	98.3	99.1	99.2	99.3	99.4	99.5	99.6	99.6	99.6
≥ 100	46.5	62.4	70.3	87.2	92.5	93.6	96.3	97.7	98.3	99.1	99.2	99.3	99.4	99.5	99.6	99.6	99.6
≥ 0	46.5	62.4	70.3	87.2	92.5	93.6	96.3	97.7	98.3	99.1	99.2	99.3	99.4	99.5	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 7187

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035951 WOODBRIDGE RAF UK

74-83

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	23.9	29.2	33.1	39.9	43.5	44.5	46.7	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	25.1	30.9	35.3	42.5	46.8	47.8	50.1	50.5	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 18000	25.1	30.9	35.3	42.5	46.8	47.8	50.1	50.5	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 16000	25.1	30.9	35.3	42.5	46.8	47.8	50.1	50.5	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 14000	25.1	30.9	35.3	42.5	46.8	47.8	50.1	50.5	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 12000	25.1	30.9	35.3	42.5	46.8	47.8	50.1	50.5	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 10000	26.1	32.3	36.8	44.3	48.6	49.6	52.0	52.3	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 9000	26.1	32.3	36.8	44.3	48.6	49.6	52.0	52.3	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 8000	37.8	38.7	43.6	53.4	58.5	59.5	62.6	62.9	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 7000	31.7	39.5	44.6	55.0	60.1	61.2	64.3	64.7	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 6000	31.8	39.8	45.1	55.5	60.6	61.7	64.8	65.1	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 5000	33.9	42.5	47.8	58.7	63.9	65.1	68.2	68.6	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4500	34.5	43.5	48.9	60.2	65.4	66.6	69.7	70.1	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4000	36.8	46.8	53.2	65.4	71.1	72.4	75.6	76.0	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3500	38.5	48.6	55.3	67.7	73.5	75.0	78.3	78.7	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3000	40.0	50.9	57.8	72.0	78.6	80.0	83.5	83.9	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2500	40.3	51.2	58.3	72.5	79.1	80.5	84.0	84.9	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	40.8	51.8	59.1	74.4	81.0	82.6	86.2	87.2	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1800	40.8	51.8	59.1	74.4	81.0	82.6	86.2	87.2	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	40.9	52.1	59.4	75.1	81.8	83.5	87.1	88.1	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	41.3	53.1	60.6	77.2	84.0	85.7	89.4	90.4	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1000	42.0	54.3	61.9	78.8	85.8	87.6	91.4	92.5	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	42.1	54.4	62.1	79.1	86.2	87.9	91.7	92.9	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	42.4	54.7	62.3	79.3	86.6	88.3	92.1	93.2	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	42.6	54.9	62.6	79.6	86.9	88.7	92.5	93.7	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	42.6	54.9	62.6	79.6	86.9	88.7	92.5	93.7	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	42.6	54.9	62.6	79.6	86.9	88.7	92.5	93.7	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	42.6	54.9	62.6	79.6	86.9	88.7	92.5	93.7	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 300	42.6	54.9	62.6	79.6	86.9	88.7	92.5	93.7	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 200	42.6	54.9	62.6	79.6	86.9	88.7	92.5	93.7	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 100	42.6	54.9	62.6	79.6	86.9	88.7	92.5	93.7	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 0	42.6	54.9	62.6	79.6	86.9	88.7	92.5	93.7	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8

TOTAL NUMBER OF OBSERVATIONS 812

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

035951

WOODBRIDGE RAF UK

74-83

1111

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
	GI97	FO90	GE80	GE60	GE48	GE40	GE32	GE24	GE22	GE16	GE12	GE10	GE08	GE05	GE04	GE00
NO CEILING	13.7	18.8	23.0	31.8	34.7	35.6	38.5	47.3	40.6	41.5	41.6	41.6	41.6	41.6	41.7	41.9
≥ 20000	14.8	20.6	25.4	34.9	38.4	39.5	42.6	44.3	44.7	45.7	45.8	45.8	45.8	45.8	45.9	46.1
IV 18000	14.8	20.6	25.4	34.9	38.4	39.5	42.6	44.3	44.7	45.7	45.8	45.8	45.8	45.8	45.9	46.1
IV 16000	14.8	20.6	25.4	34.9	38.4	39.5	42.6	44.3	44.7	45.7	45.8	45.8	45.8	45.8	45.9	46.1
IV 14000	14.8	20.6	25.4	34.9	38.4	39.5	42.6	44.3	44.7	45.7	45.8	45.8	45.8	45.8	45.9	46.1
IV 12000	14.8	21.1	25.9	35.3	38.9	40.0	43.1	44.8	45.2	46.2	46.3	46.3	46.3	46.3	46.4	46.6
IV 10000	15.6	21.9	26.7	36.6	40.4	41.6	44.8	46.6	46.9	47.9	48.0	48.0	48.0	48.0	48.2	48.3
IV 9000	15.9	22.2	27.1	37.8	42.0	43.5	46.7	48.4	48.8	49.8	49.9	49.9	49.9	49.9	50.0	50.1
IV 8000	18.6	26.2	32.1	44.8	49.9	51.5	55.5	57.3	57.8	59.0	59.2	59.2	59.2	59.2	59.4	59.5
IV 7000	19.5	27.3	33.4	46.4	51.7	53.3	57.4	59.1	59.6	61.1	61.3	61.3	61.3	61.3	61.5	61.6
IV 6000	19.5	27.3	33.4	46.4	51.7	53.3	57.4	59.1	59.6	61.2	61.5	61.5	61.5	61.5	61.6	61.7
IV 5000	20.9	29.2	35.3	48.8	54.2	55.8	60.1	62.1	62.6	64.2	64.4	64.4	64.4	64.4	64.5	64.7
IV 4500	22.3	30.7	37.3	51.0	56.5	58.1	62.4	64.5	65.0	66.6	66.9	66.9	66.9	66.9	67.0	67.1
IV 4000	22.4	33.3	40.6	55.8	61.9	63.5	68.1	70.2	70.8	72.4	72.7	72.7	72.7	72.7	72.8	72.9
IV 3500	27.0	35.8	43.2	59.0	65.3	66.9	71.6	73.6	74.3	75.9	76.1	76.1	76.1	76.1	76.2	76.4
IV 3000	28.2	37.4	45.3	61.9	69.2	71.1	76.0	78.3	79.1	80.8	81.0	81.0	81.0	81.0	81.2	81.3
IV 2500	28.2	37.6	45.4	62.4	69.7	71.6	76.5	78.8	79.6	81.3	81.5	81.5	81.5	81.5	81.7	81.8
IV 2000	28.8	38.4	46.9	64.3	71.6	73.4	78.4	80.9	81.7	83.4	83.6	83.6	83.6	83.6	83.7	83.9
IV 1800	28.8	38.4	47.0	64.4	71.8	73.6	78.7	81.2	81.9	83.6	83.9	83.9	83.9	83.9	84.0	84.1
IV 1500	28.8	38.8	47.7	65.3	72.7	74.5	79.6	82.0	82.8	84.5	84.7	84.7	84.7	84.7	84.9	85.0
IV 1200	29.1	39.4	48.6	67.6	75.1	77.0	82.0	84.5	85.2	86.9	87.2	87.2	87.2	87.2	87.3	87.4
IV 1000	29.3	40.0	49.3	68.7	76.2	78.1	83.1	85.7	86.9	88.7	88.9	88.9	88.9	88.9	89.0	89.2
IV 900	29.3	40.0	49.3	68.8	76.4	78.2	83.4	86.1	87.3	89.0	89.3	89.3	89.3	89.3	89.4	89.5
IV 800	29.4	40.3	49.8	69.3	77.1	78.9	84.2	86.9	88.3	90.1	90.4	90.4	90.4	90.4	90.5	90.6
IV 700	29.4	40.8	50.5	70.1	78.2	80.0	85.5	88.3	89.7	91.6	91.9	91.9	91.9	91.9	92.0	92.1
IV 600	29.6	41.0	51.1	71.2	79.8	81.7	87.1	90.0	91.5	93.6	93.8	93.8	93.8	93.8	94.0	94.1
IV 500	29.6	41.0	51.1	71.3	80.3	82.4	87.8	90.9	92.4	94.5	94.7	94.7	94.7	94.7	94.8	95.0
IV 400	29.6	41.0	51.1	71.4	80.5	82.6	88.5	91.7	93.2	95.3	95.6	95.6	95.6	95.6	95.8	95.9
IV 300	29.6	41.0	51.1	71.6	80.5	82.6	89.0	92.4	93.8	95.9	96.2	96.2	96.2	96.2	96.4	96.8
IV 200	29.6	41.0	51.1	71.6	80.7	82.8	89.4	93.2	94.7	97.0	97.3	97.7	97.7	97.8	98.0	98.6
IV 100	29.6	41.0	51.1	71.6	80.7	82.8	89.4	93.2	94.7	97.0	97.3	97.7	97.7	98.0	98.4	98.9
IV 0	29.6	41.0	51.1	71.6	80.7	82.8	89.4	93.2	94.7	97.0	97.3	97.7	97.7	98.0	98.4	98.9

TOTAL NUMBER OF OBSERVATIONS 812

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

035951 WOODBRIDGE RAF UK

74-83

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3600-0800
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0.2
	GT90	F090	GF80	GF60	GF40	GF20	GF10	GF50	GF20	GF10	GF50	GF20	GF10	GF50	GF20	GF10
NO CEILING	14.6	20.1	21.9	30.5	33.9	34.3	36.7	37.4	37.7	37.9	37.9	38.0	38.0	38.0	38.1	38.1
≥ 20000	17.2	23.7	25.6	35.4	39.8	39.8	42.3	42.9	43.2	43.5	43.5	43.6	43.6	43.6	43.7	43.7
≥ 18000	17.2	23.7	25.6	35.4	39.8	39.8	42.3	42.9	43.2	43.5	43.5	43.6	43.6	43.6	43.7	43.7
≥ 16000	17.2	23.7	25.6	35.4	39.8	39.8	42.3	42.9	43.2	43.5	43.5	43.6	43.6	43.6	43.7	43.7
≥ 14000	17.3	23.8	25.7	35.5	39.5	40.0	42.4	43.1	43.3	43.6	43.6	43.7	43.7	43.7	43.9	43.9
≥ 12000	17.6	24.0	26.1	35.8	40.0	40.4	42.8	43.5	43.7	44.1	44.1	44.2	44.2	44.2	44.3	44.3
≥ 10000	17.7	24.9	27.2	37.5	42.0	42.5	45.7	45.7	45.9	46.3	46.3	46.4	46.4	46.4	46.5	46.5
≥ 9000	17.8	25.7	27.6	38.3	42.9	43.6	46.2	46.8	47.1	47.4	47.4	47.5	47.5	47.5	47.6	47.6
≥ 8000	20.8	28.8	31.7	43.5	49.1	49.9	52.5	53.4	53.6	54.0	54.0	54.1	54.1	54.1	54.2	54.2
≥ 7000	21.7	30.4	33.9	45.4	51.1	51.9	54.8	55.5	55.7	56.0	56.0	56.1	56.1	56.1	56.3	56.3
≥ 6000	21.7	30.5	33.5	45.5	51.2	52.0	54.5	55.6	55.8	56.1	56.1	56.3	56.3	56.3	56.4	56.4
≥ 5000	23.0	32.4	35.4	47.6	53.4	54.2	56.7	57.9	58.1	58.4	58.4	58.6	58.6	58.6	58.7	58.7
≥ 4500	23.7	33.6	36.7	49.1	54.9	55.7	58.3	59.5	59.8	60.2	60.2	60.3	60.3	60.3	60.4	60.4
≥ 4000	25.5	35.8	40.0	54.9	61.7	61.9	64.8	66.0	66.6	67.3	67.3	67.4	67.4	67.4	67.5	67.5
≥ 3500	27.1	38.2	42.9	58.4	64.8	65.6	68.4	69.7	70.3	71.0	71.1	71.2	71.2	71.2	71.3	71.3
≥ 3000	28.2	39.7	45.1	61.8	68.3	69.1	72.1	73.4	73.9	74.6	74.7	74.9	74.9	74.9	75.0	75.0
≥ 2500	28.5	40.5	45.9	62.7	69.5	70.3	73.2	74.5	75.1	75.8	75.9	76.0	76.0	76.0	76.1	76.1
≥ 2000	30.2	42.6	48.0	65.3	72.6	73.4	76.3	77.7	78.4	79.1	79.2	79.3	79.3	79.3	79.4	79.4
≥ 1800	30.9	43.4	48.8	66.2	73.7	74.5	77.5	78.9	79.6	80.3	80.4	80.5	80.5	80.5	80.6	80.6
≥ 1500	31.6	44.9	50.4	68.5	76.0	76.8	79.9	81.5	82.2	82.9	83.1	83.2	83.2	83.2	83.3	83.3
≥ 1200	32.5	46.0	51.8	70.8	78.9	79.7	83.7	84.6	85.4	86.1	86.3	86.5	86.5	86.5	86.6	86.6
≥ 1000	33.1	47.1	52.9	72.6	80.7	81.6	85.1	87.0	87.9	88.6	88.9	89.0	89.0	89.0	89.1	89.1
≥ 900	33.1	47.3	53.4	73.1	81.5	82.4	85.9	87.9	88.9	89.6	89.8	89.9	89.9	89.9	90.0	90.0
≥ 800	33.2	48.0	54.2	74.2	83.1	84.0	87.7	90.0	91.0	91.7	92.0	92.1	92.1	92.1	92.2	92.2
≥ 700	33.3	48.1	54.6	74.7	84.2	85.2	89.3	91.6	92.7	93.3	93.6	93.7	93.7	93.7	93.8	93.8
≥ 600	33.3	48.1	54.8	75.1	84.6	85.8	90.1	92.8	93.6	94.5	94.7	94.8	94.8	94.8	94.9	94.9
≥ 500	33.3	48.1	54.8	75.1	85.2	86.5	91.7	94.3	95.4	96.3	96.6	96.7	96.8	96.8	96.9	96.9
≥ 400	33.3	48.1	54.8	75.2	85.5	86.9	92.2	94.7	95.9	96.9	97.1	97.2	97.3	97.4	97.5	97.5
≥ 300	33.3	48.1	54.8	75.2	85.5	86.9	92.4	95.3	96.7	97.9	98.3	98.4	98.5	98.5	98.7	98.7
≥ 200	33.3	48.1	54.8	75.2	85.5	86.9	92.4	95.4	96.8	98.2	98.6	98.9	99.2	99.2	99.8	99.8
≥ 100	33.3	48.1	54.8	75.2	85.5	86.9	92.4	95.4	96.8	98.2	98.6	98.9	99.2	99.2	99.8	100.0
≥ 0	33.3	48.1	54.8	75.2	85.5	86.9	92.4	95.4	96.8	98.2	98.6	98.9	99.2	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 871

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

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

74-83
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (LT)

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥ 10 GT90	≥ 6 EQ90	≥ 5 GE80	≥ 4 GE60	≥ 3 GE48	≥ 2.5 GE40	≥ 2 GE32	≥ 1.5 GE24	≥ 1 GE20	≥ .75 GE16	≥ .5 GE12	≥ .25 GE10	≥ .15 GE8	≥ .1 GE6	≥ .05 GE4	≥ 0 GFC
NO CEILING	16.4	21.1	23.2	29.1	31.2	31.3	31.7	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
≥ 20000	20.7	26.3	28.4	36.3	38.8	38.9	39.4	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 18000	21.7	26.5	28.7	36.6	39.0	39.1	39.6	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 16000	21.3	26.5	28.7	36.6	39.0	39.1	39.6	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 14000	21.7	26.5	28.7	36.6	39.0	39.1	39.6	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 12000	21.5	27.1	29.4	37.7	40.1	40.2	40.7	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 10000	22.5	28.3	30.8	40.2	42.8	42.9	43.4	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 9000	24.5	30.4	32.9	42.7	45.3	45.4	45.8	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 8000	26.3	32.9	35.7	46.8	49.5	49.6	50.2	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 7000	26.6	33.4	36.3	47.7	50.4	50.5	51.1	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 6000	26.6	33.6	36.5	47.8	50.5	50.6	51.2	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 5000	28.3	35.8	38.7	50.2	53.0	53.1	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 4500	29.5	37.3	40.4	51.8	54.6	54.7	55.3	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 4000	34.3	42.7	45.9	59.0	61.9	62.0	62.5	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 3500	38.1	46.8	50.5	64.0	67.0	67.1	67.8	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 3000	44.5	54.5	59.4	74.2	77.4	77.6	78.3	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 2500	45.3	56.1	61.0	76.3	79.4	79.6	80.3	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 2000	47.8	59.8	64.9	80.7	84.5	84.7	85.5	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1800	48.6	60.6	66.0	82.1	86.0	86.2	87.0	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1500	49.6	62.0	67.7	84.7	88.9	89.2	90.2	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	50.6	63.7	69.3	87.0	91.6	92.1	93.3	94.1	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000	50.9	64.0	69.7	88.1	93.0	93.4	94.8	95.5	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	50.9	64.0	69.8	88.3	93.4	93.9	95.3	96.1	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	51.1	64.1	69.9	88.5	94.0	94.4	95.9	96.8	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	51.1	64.1	70.1	88.9	94.8	95.2	96.7	97.7	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	51.1	64.1	70.1	88.9	94.8	95.2	96.7	97.7	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	51.1	64.1	70.1	88.9	94.8	95.3	97.0	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	51.1	64.1	70.1	88.9	94.8	95.4	97.1	98.6	99.0	99.1	99.3	99.3	99.4	99.4	99.4	99.4
≥ 300	51.1	64.1	70.1	88.9	94.9	95.5	97.2	98.8	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	51.1	64.1	70.1	88.9	94.9	95.5	97.2	98.8	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	51.1	64.1	70.1	88.9	94.9	95.5	97.2	98.8	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	51.1	64.1	70.1	88.9	94.9	95.5	97.2	98.8	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 035951 WOODBRIDGE RAF UK

YEARS 74-83

MONTH JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1700-1800
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.25	≥0.125	≥0.0625	≥0.03125
	GE90	GE80	GE60	GE40	GE30	GE20	GE15	GE12	GE10	GE7.5	GE5	GE2.5	GE1.25	GE0.625	GE0.3125	GE0.15625
NO CEILING	17.3	22.0	23.2	28.7	30.4	30.4	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
≥ 20000	22.6	28.7	30.3	36.7	38.8	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 18000	22.6	28.7	30.3	36.7	38.8	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 16000	22.6	28.7	30.3	36.7	38.8	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 14000	22.6	28.7	30.3	36.7	38.8	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 12000	22.6	29.0	30.5	37.1	39.1	39.2	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 10000	23.7	30.4	32.0	38.9	41.1	41.2	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 9000	24.9	32.2	33.7	41.2	43.4	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 8000	27.8	35.9	37.5	46.7	48.9	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 7000	28.3	36.5	38.3	47.8	50.1	50.2	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 6000	28.3	36.5	38.3	48.1	50.4	50.6	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 5000	30.5	38.8	40.6	50.7	53.0	53.1	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 4500	33.0	41.4	43.3	53.3	55.7	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 4000	39.2	48.2	50.7	61.5	63.8	63.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 3500	45.5	56.2	59.1	71.0	73.5	73.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 3000	50.9	63.5	67.1	80.4	82.9	83.0	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2500	53.2	66.1	70.2	83.7	86.2	86.3	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	55.8	69.4	74.3	88.9	91.6	91.8	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1800	55.9	69.7	74.6	89.3	92.1	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	56.6	70.7	76.1	91.1	94.2	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	57.5	71.7	77.2	92.5	96.1	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	57.5	71.7	77.2	92.9	96.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	57.5	71.8	77.3	93.0	96.8	97.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	57.5	71.8	77.3	93.4	97.6	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	57.5	71.8	77.3	93.5	97.7	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	57.5	71.8	77.3	93.5	97.8	98.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	57.5	71.8	77.3	93.5	97.8	98.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	57.5	71.8	77.3	93.5	97.9	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	57.5	71.8	77.3	93.5	97.9	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	57.5	71.8	77.3	93.5	97.9	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.5	71.8	77.3	93.5	97.9	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	57.5	71.8	77.3	93.5	97.9	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035951
STATION

WOODBIDGE RAF UK
STATION NAME

74-83
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	21.5	25.7	27.4	32.3	34.5	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 20000	26.3	31.7	33.8	41.2	44.0	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 18000	26.3	31.9	34.0	41.4	44.3	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 16000	26.3	31.9	34.0	41.4	44.3	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
IV 14000	26.3	31.9	34.0	41.4	44.3	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
IV 12000	26.4	32.0	34.1	41.5	44.4	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
IV 10000	27.7	33.7	35.9	43.3	46.3	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
IV 9000	28.8	35.0	37.3	44.8	47.8	47.9	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
IV 8000	32.3	39.9	42.7	50.9	53.9	54.1	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 7000	33.1	41.0	43.8	52.1	55.1	55.2	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IV 6000	33.5	41.5	44.3	52.6	55.6	55.7	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 5000	36.5	44.9	47.8	56.3	59.3	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 4500	38.8	47.5	50.5	59.1	62.2	62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 4000	45.3	54.5	58.3	67.6	70.7	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 3500	49.7	59.5	63.4	74.6	78.2	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 3000	56.3	68.1	72.6	84.8	88.4	88.5	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 2500	57.1	69.1	73.9	86.1	90.0	90.1	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 2000	60.2	72.9	78.1	91.0	95.1	95.2	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1800	60.2	72.9	78.1	91.0	95.1	95.2	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1500	60.2	73.3	78.5	91.8	95.9	96.0	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1200	60.3	73.5	78.9	92.1	96.2	96.3	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1000	60.4	73.6	79.2	92.9	97.0	97.1	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	60.4	73.7	79.3	93.2	97.4	97.6	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 800	60.4	73.7	79.3	93.2	97.6	97.8	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	60.4	73.9	79.4	93.3	97.7	97.9	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	60.4	73.9	79.4	93.3	98.1	98.3	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	60.4	73.9	79.4	93.3	98.1	98.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	60.4	73.9	79.4	93.3	98.1	98.4	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	60.4	73.9	79.4	93.3	98.1	98.4	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	60.4	73.9	79.4	93.3	98.1	98.4	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	60.4	73.9	79.4	93.3	98.1	98.4	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	60.4	73.9	79.4	93.3	98.1	98.4	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35951 WOODBRIDGE RAF UK

74-83

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0.2	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0.2
NO CEILING	61.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	61.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	20.8	27.9	30.3	34.3	35.7	35.8	36.2	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	20.8	27.9	30.3	34.3	35.7	35.8	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3
IV 18000	27.3	36.2	39.2	44.4	46.6	46.7	47.3	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	27.3	36.2	39.2	44.4	46.6	46.7	47.3	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 16000	27.3	36.2	39.2	44.4	46.6	46.7	47.3	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	27.3	36.2	39.2	44.4	46.6	46.7	47.3	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 14000	27.3	36.3	39.3	44.5	46.7	46.8	47.4	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	27.3	36.3	39.3	44.5	46.7	46.8	47.4	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV 12000	27.5	36.5	39.5	44.7	46.9	47.1	47.6	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	27.5	36.5	39.5	44.7	46.9	47.1	47.6	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9
IV 10000	28.8	38.0	41.0	47.3	49.6	49.7	50.3	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	28.8	38.0	41.0	47.3	49.6	49.7	50.3	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 9000	29.9	39.2	42.2	48.4	51.1	51.2	51.7	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	29.9	39.2	42.2	48.4	51.1	51.2	51.7	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IV 8000	35.8	46.5	49.9	57.8	60.6	60.7	61.4	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	35.8	46.5	49.9	57.8	60.6	60.7	61.4	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 7000	37.1	48.2	51.6	59.8	62.6	62.7	63.5	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	37.1	48.2	51.6	59.8	62.6	62.7	63.5	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 6000	37.6	48.5	51.9	60.2	63.0	63.1	63.8	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	37.6	48.5	51.9	60.2	63.0	63.1	63.8	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 5000	40.0	51.3	54.9	63.5	66.3	66.4	67.2	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	40.0	51.3	54.9	63.5	66.3	66.4	67.2	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 4500	40.9	52.7	57.0	65.5	68.6	68.7	69.5	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	40.9	52.7	57.0	65.5	68.6	68.7	69.5	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 4000	45.2	57.6	62.0	70.9	74.8	74.9	75.3	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	45.2	57.6	62.0	70.9	74.8	74.9	75.3	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 3500	47.6	61.6	66.5	76.5	80.3	80.4	81.4	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	47.6	61.6	66.5	76.5	80.3	80.4	81.4	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 3000	51.2	66.5	72.2	82.9	86.8	86.9	87.9	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	51.2	66.5	72.2	82.9	86.8	86.9	87.9	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 2500	51.5	67.0	72.7	83.4	87.3	87.4	88.4	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	51.5	67.0	72.7	83.4	87.3	87.4	88.4	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 2000	53.1	69.0	75.2	86.0	89.9	90.0	91.0	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	53.1	69.0	75.2	86.0	89.9	90.0	91.0	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 1800	53.1	69.1	75.3	86.1	90.1	90.2	91.2	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	53.1	69.1	75.3	86.1	90.1	90.2	91.2	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1500	53.7	70.0	76.2	87.0	91.9	92.1	93.2	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	53.7	70.0	76.2	87.0	91.9	92.1	93.2	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1200	54.3	70.9	77.2	89.0	93.1	93.4	94.5	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	54.3	70.9	77.2	89.0	93.1	93.4	94.5	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1000	54.3	71.1	77.5	89.7	93.8	94.1	95.2	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	54.3	71.1	77.5	89.7	93.8	94.1	95.2	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 900	54.3	71.1	77.6	89.8	93.9	94.2	95.3	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	54.3	71.1	77.6	89.8	93.9	94.2	95.3	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 800	54.3	71.1	77.8	90.0	94.1	94.4	95.6	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	54.3	71.1	77.8	90.0	94.1	94.4	95.6	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 700	54.3	71.1	77.8	90.1	94.5	94.9	96.0	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	54.3	71.1	77.8	90.1	94.5	94.9	96.0	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 600	54.3	71.1	77.8	90.1	94.5	94.9	96.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	54.3	71.1	77.8	90.1	94.5	94.9	96.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 500	54.3	71.1	77.8	90.4	94.9	95.3	96.6	98.7	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	54.3	71.1	77.8	90.4	94.9	95.3	96.6	98.7	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	54.3	71.1	77.8	90.4	94.9	95.3	96.7	98.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	54.3	71.1	77.8	90.4	94.9	95.3	96.7	98.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	54.3	71.1	77.8	90.4	94.9	95.3	96.7	98.9	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	54.3	71.1	77.8	90.4	94.9	95.3	96.7	98.9	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	54.3	71.1	77.8	90.4	94.9	95.3	96.7	98.9	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	54.3	71.1	77.8	90.4	94.9	95.3	96.7	98.9	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	54.3	71.1	77.8	90.4	94.9	95.3	96.7	98.9	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	54.3	71.1	77.8	90.4	94.9	95.3	96.7	98.9	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	54.3	71.1	77.8	90.4	94.9	95.3	96.7	98.9	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	54.3	71.1	77.8	90.4	94.9	95.3	96.7	98.9	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 899

USAF ETAC FORM 7-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35951 WOODBRIDGE RAF UK

74-83

114

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	23.6	29.1	32.5	38.6	41.3	41.7	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 20000	26.0	32.6	36.5	43.5	46.9	47.6	48.5	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 18000	26.0	32.6	36.5	43.5	46.9	47.6	48.5	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 16000	26.0	32.6	36.5	43.5	46.9	47.6	48.5	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 14000	26.0	32.6	36.5	43.5	46.9	47.6	48.5	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 12000	26.0	32.6	36.5	43.5	46.9	47.6	48.5	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 10000	26.3	33.6	37.5	45.4	48.8	49.5	50.4	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 9000	27.3	34.8	38.7	46.6	50.1	50.7	51.6	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 8000	31.6	40.9	45.4	53.8	58.4	59.1	60.0	60.0	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 7000	32.3	41.6	46.1	55.2	60.0	60.6	61.5	61.5	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 6000	32.4	41.7	46.2	55.3	60.1	60.7	61.6	61.6	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 5000	35.8	45.9	50.4	60.2	65.0	65.6	66.7	66.7	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 4500	37.4	47.9	52.7	62.6	67.5	68.2	69.4	69.4	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4000	40.7	52.8	58.1	68.5	73.7	74.4	75.8	76.0	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3500	42.8	55.2	60.7	72.0	77.3	78.0	79.4	79.6	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3000	44.9	58.5	64.3	76.3	81.9	82.5	84.1	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	45.1	58.7	64.5	76.6	82.2	82.9	84.4	85.0	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2000	46.2	60.1	66.3	78.9	84.4	85.1	86.7	87.3	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1800	46.4	60.3	66.5	79.1	84.8	85.4	87.0	87.7	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1600	47.3	61.2	67.5	80.6	86.3	87.0	88.7	89.3	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1400	48.2	62.5	68.9	82.0	87.7	88.3	90.0	90.9	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1200	49.3	64.0	70.3	83.6	89.5	90.5	92.3	93.2	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	49.3	64.0	70.3	83.6	89.5	90.5	92.3	93.2	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	49.4	64.1	70.5	84.3	91.0	92.0	94.0	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	49.4	64.1	70.5	84.3	91.0	92.0	94.0	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700	49.4	64.1	70.5	84.3	91.0	92.0	94.0	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	49.4	64.1	70.5	84.3	91.0	92.0	94.0	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500	49.4	64.1	70.5	84.3	91.0	92.0	94.0	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 400	49.4	64.1	70.5	84.3	91.0	92.0	94.0	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 300	49.4	64.1	70.5	84.3	91.0	92.0	94.0	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 200	49.4	64.1	70.5	84.3	91.0	92.0	94.0	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 100	49.4	64.1	70.5	84.3	91.0	92.0	94.0	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 0	49.4	64.1	70.5	84.3	91.0	92.0	94.0	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035951 0008PI066 RAF UK

74-83

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	19.7	24.3	26.4	33.1	35.6	35.9	37.1	37.5	37.6	37.7	37.8	37.8	37.8	37.8	37.8	37.8
≥ 20000	22.5	28.9	31.8	39.3	42.4	42.9	44.1	44.6	44.7	44.9	44.9	44.9	44.9	44.9	45.1	45.1
≥ 18000	22.6	29.0	31.9	39.4	42.5	43.0	44.2	44.7	44.8	45.0	45.0	45.0	45.0	45.0	45.1	45.1
≥ 16000	22.6	29.0	31.9	39.4	42.5	43.0	44.2	44.7	44.8	45.0	45.0	45.0	45.0	45.0	45.1	45.1
≥ 14000	22.6	29.0	32.0	39.5	42.6	43.0	44.3	44.7	44.8	45.0	45.0	45.1	45.1	45.1	45.1	45.1
≥ 12000	22.6	29.0	32.0	39.5	42.6	43.0	44.3	44.7	45.1	45.2	45.5	45.5	45.5	45.5	45.5	45.5
≥ 10000	23.6	30.5	33.6	41.7	45.0	45.4	46.7	47.1	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 9000	24.6	31.6	34.7	43.2	46.6	47.1	48.4	48.8	48.9	49.1	49.1	49.1	49.1	49.1	49.2	49.2
≥ 8000	28.1	36.4	39.9	49.8	53.6	54.2	55.7	56.1	56.3	56.6	56.6	56.6	56.6	56.6	56.7	56.7
≥ 7000	28.9	37.4	41.0	51.2	55.1	55.7	57.2	57.7	57.9	58.2	58.2	58.3	58.3	58.3	58.3	58.3
≥ 6000	29.7	37.6	41.2	51.5	55.4	55.9	57.5	58.0	58.1	58.5	58.5	58.5	58.5	58.5	58.6	58.6
≥ 5000	31.2	40.2	44.3	54.5	58.5	59.1	61.7	61.2	61.4	61.7	61.8	61.8	61.8	61.8	61.8	61.8
≥ 4500	32.6	42.0	46.7	56.6	61.7	61.3	62.9	63.5	63.7	64.0	64.0	64.0	64.0	64.0	64.1	64.1
≥ 4000	36.6	46.7	51.2	63.0	67.4	68.0	69.7	70.3	70.6	71.0	71.0	71.0	71.0	71.0	71.1	71.1
≥ 3500	39.8	50.5	55.4	68.1	72.6	73.2	75.0	75.7	75.9	76.3	76.4	76.4	76.4	76.4	76.4	76.4
≥ 3000	43.3	55.2	62.8	74.5	79.3	80.0	81.9	82.7	83.0	83.4	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2500	43.9	56.1	61.8	75.7	80.6	81.3	83.1	84.1	84.3	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2000	45.7	58.4	64.4	79.0	84.1	84.7	86.7	87.6	87.9	88.3	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	45.9	58.7	64.8	79.4	84.6	85.2	87.1	88.1	88.4	88.8	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500	46.4	59.5	65.8	80.9	86.2	86.9	88.9	89.9	90.2	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	47.0	60.5	66.9	82.6	88.1	88.8	90.9	91.9	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	47.4	61.1	67.6	83.7	89.3	90.1	92.3	93.4	93.8	94.2	94.2	94.3	94.3	94.3	94.3	94.3
≥ 900	47.4	61.2	67.7	83.9	89.7	90.5	92.6	93.8	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	47.5	61.4	68.0	84.3	90.3	91.1	93.3	94.6	95.0	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	47.6	61.5	68.2	84.6	90.8	91.7	94.0	95.3	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600	47.6	61.5	68.3	84.9	91.3	92.2	94.7	96.1	96.6	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 500	47.6	61.5	68.3	85.0	91.6	92.6	95.2	96.9	97.4	97.9	98.0	98.0	98.0	98.0	98.1	98.1
≥ 400	47.6	61.5	68.3	85.1	91.7	92.7	95.4	97.3	97.8	98.4	98.5	98.5	98.5	98.5	98.6	98.6
≥ 300	47.6	61.5	68.3	85.1	91.8	92.8	95.6	97.5	98.1	98.8	98.9	98.9	98.9	98.9	99.1	99.1
≥ 200	47.6	61.5	68.3	85.1	91.8	92.8	95.7	97.6	98.2	99.0	99.1	99.2	99.3	99.3	99.6	99.7
≥ 100	47.6	61.5	68.3	85.1	91.8	92.8	95.7	97.6	98.2	99.0	99.1	99.2	99.4	99.5	99.8	100.0
≥ 0	47.6	61.5	68.3	85.1	91.8	92.8	95.7	97.6	98.2	99.0	99.1	99.2	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6987

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

135951 WOODBRIDGE RAF UK

74-83

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO. CEILING	25.3	29.7	36.4	43.4	47.2	47.9	51.7	51.2	51.5	51.5	51.5	51.6	51.6	51.7	51.7	51.7
≥20000	27.9	32.5	39.6	47.3	51.4	52.3	55.3	56.4	56.8	56.8	56.8	56.9	56.9	57.0	57.0	57.0
≥18000	27.9	32.5	39.6	47.3	51.4	52.3	55.3	56.4	56.8	56.8	56.8	56.9	56.9	57.0	57.0	57.0
≥16000	27.9	32.5	39.6	47.3	51.4	52.3	55.3	56.4	56.8	56.8	56.8	56.9	56.9	57.0	57.0	57.0
≥14000	27.9	32.5	39.6	47.3	51.4	52.3	55.3	56.4	56.8	56.8	56.8	56.9	56.9	57.0	57.0	57.0
≥12000	28.2	32.8	39.9	47.6	51.6	52.5	55.5	56.7	57.0	57.0	57.0	57.2	57.2	57.3	57.3	57.3
≥10000	29.1	34.4	41.8	49.5	53.5	54.4	57.5	58.9	59.3	59.5	59.5	59.6	59.6	59.9	59.9	59.9
≥9000	29.5	35.0	42.4	50.3	54.3	55.3	58.3	59.8	60.1	60.4	60.4	60.5	60.5	60.7	60.7	60.7
≥8000	33.7	41.2	49.5	58.5	62.5	63.4	66.5	67.9	68.3	68.5	68.5	68.6	68.6	68.9	68.9	68.9
≥7000	34.3	41.9	50.2	59.3	63.3	64.3	67.5	68.9	69.2	69.5	69.6	69.7	69.7	69.9	69.9	69.9
≥6000	34.4	42.0	50.3	59.4	63.4	64.4	67.6	69.0	69.3	69.6	69.7	69.8	69.8	70.1	70.1	70.1
≥5000	37.9	46.0	54.4	63.8	68.2	69.1	72.3	73.7	74.1	74.3	74.4	74.6	74.6	74.8	74.8	74.8
≥4500	39.4	47.9	56.4	65.9	70.3	71.2	74.4	75.9	76.2	76.4	76.6	76.7	76.7	76.9	76.9	76.9
≥4000	41.7	51.1	60.0	70.9	75.4	76.3	79.8	81.2	81.5	81.8	81.9	82.0	82.0	82.2	82.2	82.2
≥3500	43.2	53.0	62.0	73.6	78.1	79.1	82.6	84.0	84.4	84.6	84.7	84.9	84.9	85.1	85.1	85.1
≥3000	44.4	54.6	63.9	76.1	81.1	82.1	85.7	87.1	87.5	87.7	87.8	87.9	87.9	88.2	88.2	88.2
≥2500	44.4	54.6	63.9	76.2	81.4	82.5	86.0	87.5	87.8	88.0	88.2	88.3	88.3	88.5	88.5	88.5
≥2000	45.6	56.1	65.6	78.6	84.5	85.7	89.6	91.0	91.4	91.6	91.7	91.8	91.8	92.1	92.1	92.1
≥1800	45.6	56.1	65.6	78.8	84.7	85.9	89.8	91.2	91.6	91.8	92.0	92.1	92.1	92.3	92.3	92.3
≥1600	46.2	56.7	66.2	79.6	85.6	86.7	90.7	92.3	92.7	92.9	93.0	93.1	93.1	93.4	93.4	93.4
≥1400	46.4	57.3	67.1	80.9	87.0	88.2	92.1	93.7	94.1	94.3	94.4	94.6	94.6	94.9	94.8	94.8
≥1200	46.6	57.5	67.5	81.3	87.3	88.8	92.7	94.4	94.8	95.0	95.1	95.3	95.3	95.5	95.5	95.5
≥1000	46.6	57.5	67.5	81.8	87.8	89.2	93.1	94.9	95.3	95.5	95.6	95.7	95.7	96.0	96.0	96.0
≥900	46.6	57.5	67.5	82.4	88.4	89.8	93.7	95.5	95.9	96.1	96.2	96.3	96.3	96.6	96.6	96.6
≥800	46.6	57.5	67.5	82.4	88.4	89.8	93.8	95.6	96.0	96.2	96.3	96.4	96.4	96.7	96.7	96.7
≥700	46.6	57.5	67.5	82.4	88.8	90.2	94.6	96.3	96.7	96.9	97.0	97.2	97.2	97.4	97.4	97.4
≥600	46.6	57.5	67.5	82.4	88.8	90.2	94.7	96.4	96.8	97.0	97.2	97.3	97.3	97.5	97.5	97.5
≥500	46.6	57.5	67.5	82.6	89.0	90.4	94.9	96.7	97.0	97.3	97.4	97.5	97.5	97.8	97.8	97.8
≥400	46.6	57.5	67.5	82.6	89.0	90.5	95.0	97.4	98.0	98.5	98.6	98.7	98.7	99.1	99.1	99.4
≥300	46.6	57.5	67.5	82.6	89.0	90.5	95.0	97.4	98.0	98.5	98.6	98.7	98.8	98.9	99.3	100.0
≥200	46.6	57.5	67.5	82.6	89.0	90.5	95.0	97.4	98.0	98.5	98.6	98.7	98.8	98.9	99.3	100.0
≥100	46.6	57.5	67.5	82.6	89.0	90.5	95.0	97.4	98.0	98.5	98.6	98.7	98.8	98.9	99.3	100.0
≥0	46.6	57.5	67.5	82.6	89.0	90.5	95.0	97.4	98.0	98.5	98.6	98.7	98.8	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 885

USAF ETAC FORM 1-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

735951 WOODBRIDGE RAF UK

74-83

441

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-0500

CEILING FEET		VISIBILITY: STATUTE MILES																OR (HUNDREDS OF METERS)															
		≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.075	≥0.05	≥0.025	≥0.015	≥0.01	≥0.0075	≥0.005	≥0.0025	≥0.0015	≥0.001	≥0.00075	≥0.0005	≥0.00025	≥0.00015	≥0.0001			
NO CEILING	17.6	23.7	27.3	35.2	38.4	39.7	41.3	43.2	43.5	44.1	44.6	44.7	44.8	45.7	45.1	45.1																	
≥ 20000	18.7	25.7	30.0	38.4	41.5	42.1	44.7	46.9	47.4	48.2	48.8	49.1	49.2	49.3	49.4	49.4																	
≥ 18000	18.7	25.7	30.0	38.4	41.5	42.1	44.7	46.9	47.4	48.2	48.8	49.1	49.2	49.3	49.4	49.4																	
≥ 16000	18.7	25.7	30.0	38.4	41.5	42.1	44.7	46.9	47.4	48.2	48.8	49.1	49.2	49.3	49.4	49.4																	
≥ 14000	18.7	25.7	30.0	38.4	41.5	42.1	44.7	46.9	47.4	48.2	48.8	49.1	49.2	49.3	49.4	49.5																	
≥ 12000	18.7	25.7	30.0	38.4	41.5	42.1	44.7	46.9	47.4	48.2	48.8	49.1	49.2	49.3	49.4	49.5																	
≥ 10000	19.7	26.3	30.9	39.4	42.6	43.2	46.1	48.6	49.1	49.9	50.5	50.8	50.9	51.2	51.4	51.4																	
≥ 9000	21.1	27.5	32.4	41.2	44.5	45.1	48.0	50.5	50.9	51.8	52.3	52.7	52.8	53.1	53.3	53.3																	
≥ 8000	23.1	32.4	38.7	49.3	53.2	54.1	57.6	60.1	60.8	61.6	62.2	62.6	62.7	62.9	63.1	63.1																	
≥ 7000	23.9	33.7	40.0	50.9	54.9	55.9	59.4	62.0	62.7	63.5	64.1	64.4	64.6	64.8	65.0	65.0																	
≥ 6000	23.9	33.9	40.3	51.2	55.2	56.1	59.6	62.2	62.9	63.7	64.3	64.7	64.8	65.0	65.3	65.3																	
≥ 5000	25.6	36.2	42.7	54.0	58.2	59.2	62.7	65.6	66.3	67.1	67.7	68.1	68.2	68.4	68.7	68.7																	
≥ 4500	26.9	38.3	45.4	56.7	61.2	62.1	65.6	68.5	69.2	70.2	70.8	71.1	71.2	71.5	71.7	71.7																	
≥ 4000	29.7	42.6	48.1	61.6	66.4	67.6	71.2	74.2	75.7	75.9	76.5	76.9	77.0	77.2	77.5	77.5																	
≥ 3500	33.9	43.0	50.8	65.0	70.0	71.2	74.9	77.8	78.6	79.6	80.2	80.5	80.6	80.9	81.1	81.1																	
≥ 3000	31.9	44.2	52.6	67.6	72.9	74.4	78.1	81.3	82.2	83.1	83.7	84.0	84.2	84.4	84.6	84.6																	
≥ 2500	32.3	44.8	53.2	68.3	73.7	75.2	78.9	82.4	83.3	84.3	84.9	85.2	85.3	85.6	85.8	85.8																	
≥ 2000	33.5	46.0	54.5	69.6	75.4	77.1	80.8	84.3	85.2	86.2	86.7	87.1	87.2	87.4	87.7	87.7																	
≥ 1800	33.5	46.3	54.5	70.0	75.7	77.5	81.1	84.6	85.6	86.5	87.1	87.4	87.6	87.8	88.0	88.0																	
≥ 1500	34.2	46.7	55.3	71.2	77.0	78.8	82.4	85.9	86.9	87.8	88.4	88.7	88.8	89.1	89.3	89.3																	
≥ 1200	34.3	47.2	56.1	72.9	79.7	80.9	84.7	88.3	89.2	90.1	90.7	91.1	91.2	91.4	91.7	91.7																	
≥ 1000	34.5	47.5	56.8	73.9	80.2	82.0	85.9	89.8	90.7	91.7	92.3	92.6	92.7	93.1	93.2	93.2																	
≥ 900	34.5	47.5	56.8	74.2	80.4	82.3	86.2	90.0	91.0	91.9	92.5	92.8	93.0	93.2	93.4	93.4																	
≥ 800	34.5	47.7	56.9	74.5	80.9	82.7	86.9	90.7	91.7	92.6	93.2	93.5	93.7	93.9	94.1	94.1																	
≥ 700	34.5	47.7	56.9	74.5	81.2	83.1	87.7	91.5	92.5	93.5	94.1	94.5	94.8	94.8	95.1	95.1																	
≥ 600	34.5	47.7	56.9	74.9	81.7	83.6	88.7	92.7	94.0	95.3	95.9	96.2	96.4	96.6	96.8	96.9																	
≥ 500	34.5	47.7	56.9	74.9	81.7	83.6	88.7	92.7	94.0	95.3	95.9	96.2	96.4	96.6	96.8	96.9																	
≥ 400	34.5	47.7	56.9	74.9	81.7	83.6	88.7	92.7	94.0	95.3	95.9	96.2	96.4	96.6	96.8	96.9																	
≥ 300	34.5	47.7	56.9	74.9	81.7	83.6	88.7	92.7	94.0	95.3	95.9	96.2	96.4	96.6	96.8	96.9																	
≥ 200	34.5	47.7	57.7	75.0	81.8	83.7	88.8	93.2	94.5	96.1	96.9	97.4	97.7	98.2	98.7	99.3																	
≥ 100	34.5	47.7	57.0	75.0	81.8	83.7	88.8	93.2	94.5	96.1	96.9	97.4	97.7	98.2	98.7	100.0																	
≥ 0	34.5	47.7	57.0	75.0	81.8	83.7	88.8	93.2	94.5	96.1	96.9	97.4	97.7	98.2	98.7	100.0																	

TOTAL NUMBER OF OBSERVATIONS 852

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 35951 000BRIDGE RAF UK

74-83

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2600-2800
LOCAL TIME

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.01
NO CEILING	14.8	21.5	25.2	33.1	35.3	35.6	36.9	37.6	37.8	38.2	38.3	38.3	38.3	38.3	38.3	38.3
≥ 20000	17.3	24.6	28.8	38.1	40.6	40.9	42.5	43.3	43.5	43.9	44.0	44.2	44.2	44.2	44.2	44.2
≥ 18000	17.3	24.6	28.8	38.1	40.6	40.9	42.5	43.3	43.5	43.9	44.0	44.2	44.2	44.2	44.2	44.2
≥ 16000	17.3	24.6	28.8	38.1	40.6	40.9	42.5	43.3	43.5	43.9	44.0	44.2	44.2	44.2	44.2	44.2
≥ 14000	17.3	24.6	28.8	38.1	40.6	40.9	42.5	43.3	43.5	43.9	44.0	44.2	44.2	44.4	44.4	44.5
≥ 12000	17.5	24.8	29.0	38.4	41.0	41.4	43.0	43.9	44.1	44.6	44.7	44.9	44.9	45.0	45.0	45.2
≥ 10000	18.5	26.3	30.8	40.9	43.7	44.1	46.1	47.1	47.3	47.8	47.9	48.1	48.1	48.3	48.3	48.6
≥ 9000	19.7	27.1	31.7	42.4	45.2	45.8	48.0	49.1	49.3	49.8	49.9	50.1	50.1	50.3	50.3	50.6
≥ 8000	21.3	30.9	36.7	50.3	54.4	55.0	57.5	58.6	58.8	59.5	59.6	59.8	59.8	60.1	60.1	60.3
≥ 7000	22.1	32.1	37.9	52.0	56.2	56.7	59.4	60.5	60.7	61.4	61.5	61.7	61.7	61.9	61.9	62.2
≥ 6000	22.1	32.2	38.1	52.2	56.4	57.0	59.6	60.7	61.0	61.6	61.7	61.9	61.9	62.2	62.2	62.4
≥ 5000	23.8	34.4	40.5	55.3	59.8	60.5	63.3	64.4	64.7	65.7	65.8	66.0	66.0	66.3	66.3	66.5
≥ 4500	24.7	36.3	43.1	58.6	63.3	63.9	66.7	67.8	68.1	69.1	69.2	69.5	69.5	69.7	69.7	69.9
≥ 4000	26.7	38.6	45.9	63.3	68.0	68.7	71.5	72.6	72.9	74.1	74.2	74.4	74.4	74.7	74.7	74.9
≥ 3500	28.5	41.0	48.7	66.8	71.7	72.3	75.4	76.5	76.9	78.1	78.2	78.4	78.4	78.7	78.7	78.9
≥ 3000	30.3	43.3	51.2	70.2	75.3	76.0	79.1	80.3	80.6	81.9	82.0	82.2	82.2	82.4	82.4	82.6
≥ 2500	30.5	43.5	51.4	70.6	75.7	76.3	79.4	80.6	81.0	82.2	82.3	82.5	82.5	82.7	82.7	83.0
≥ 2000	32.2	45.5	53.8	73.1	78.3	79.0	82.2	83.4	83.7	85.0	85.1	85.3	85.3	85.5	85.5	85.7
≥ 1800	32.4	45.8	54.2	73.6	78.8	79.4	82.6	83.8	84.2	85.4	85.5	85.7	85.7	86.0	86.0	86.2
≥ 1500	32.9	46.5	55.3	74.9	80.2	80.9	84.2	85.5	85.8	87.1	87.2	87.4	87.4	87.6	87.6	87.8
≥ 1200	33.3	47.1	56.4	77.2	83.2	83.8	87.4	88.7	89.0	90.3	90.4	90.6	90.6	90.8	90.8	91.0
≥ 1000	33.3	47.2	56.9	78.8	84.7	85.5	89.4	90.7	91.0	92.4	92.5	92.7	92.7	92.9	92.9	93.1
≥ 900	33.3	47.2	56.9	79.2	85.6	86.4	90.4	91.8	92.1	93.5	93.6	93.8	93.8	94.0	94.0	94.2
≥ 800	33.5	47.5	57.1	79.9	86.4	87.2	91.4	92.9	93.4	94.7	94.8	95.0	95.0	95.2	95.2	95.5
≥ 700	33.5	47.5	57.1	80.2	87.1	87.8	92.0	93.6	94.1	95.5	95.6	95.8	95.8	96.0	96.0	96.2
≥ 600	33.5	47.5	57.1	80.3	87.2	87.9	92.4	94.0	94.6	95.9	96.0	96.2	96.2	96.5	96.5	96.7
≥ 500	33.5	47.5	57.1	80.4	87.3	88.1	92.9	94.7	95.2	96.6	96.7	96.9	96.9	97.1	97.1	97.3
≥ 400	33.5	47.5	57.1	80.4	87.4	88.2	93.1	95.0	95.6	97.0	97.2	97.5	97.5	97.7	97.7	97.9
≥ 300	33.5	47.5	57.1	80.4	87.5	88.3	93.4	95.4	96.0	97.8	98.0	98.2	98.2	98.5	98.5	98.7
≥ 200	33.5	47.5	57.1	80.4	87.5	88.3	93.4	95.4	96.1	98.0	98.2	98.6	98.6	99.2	99.3	99.9
≥ 100	33.5	47.5	57.1	80.4	87.5	88.3	93.4	95.4	96.1	98.0	98.2	98.6	98.6	99.2	99.3	100.0
≥ 0	33.5	47.5	57.1	80.4	87.5	88.3	93.4	95.4	96.1	98.0	98.2	98.6	98.6	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 908

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

STATION 35951 WOODBRIDGE RAF UK

74-83

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1990-1999

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	17.7	22.2	24.5	28.9	31.6	30.9	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
≥ 20000	21.1	26.7	29.8	35.1	37.6	37.8	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
18000	21.1	26.7	29.8	35.2	37.7	38.0	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
16000	21.1	26.7	29.8	35.2	37.7	38.0	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
14000	21.2	26.8	29.9	35.3	37.8	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.5
12000	21.4	27.2	30.3	35.8	38.5	38.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
10000	22.6	28.6	31.9	37.7	40.8	41.1	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.7	41.7	41.7
9000	23.3	30.0	33.4	39.4	42.8	42.7	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.3	43.3	43.3
8000	25.5	32.8	37.7	44.7	48.3	48.6	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.4	49.4	49.4
7000	26.3	34.7	38.5	46.7	50.3	50.6	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.8	51.8	51.8
6000	26.9	34.6	39.1	47.5	51.2	51.5	52.7	52.7	52.7	52.2	52.2	52.2	52.2	52.3	52.3	52.3
5000	29.9	37.8	42.6	52.2	55.8	56.1	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.9	56.9	56.9
4500	32.6	40.9	45.6	55.7	59.8	59.7	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.4
4000	38.5	47.7	53.7	64.0	68.1	68.5	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.8	69.8	69.8
3500	40.6	51.0	56.6	68.6	72.8	73.2	74.7	74.7	74.7	74.1	74.1	74.1	74.1	74.2	74.2	74.2
3000	45.7	56.9	63.7	76.9	81.2	81.6	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.9	82.9	82.9
2500	46.5	57.7	64.0	78.2	82.5	82.9	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.2
2000	48.7	61.5	68.5	83.7	88.3	88.7	89.7	89.8	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.0
1800	48.9	61.8	69.2	84.4	89.0	89.5	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.8	90.8	90.8
1500	49.2	62.6	70.3	86.0	90.6	91.1	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4
1200	49.7	63.5	71.9	88.5	93.4	93.9	94.9	95.1	95.7	95.3	95.3	95.3	95.3	95.4	95.4	95.4
1000	49.8	63.8	72.2	89.5	94.8	95.4	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9
900	49.8	63.8	72.2	89.7	95.2	95.7	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3
800	49.8	63.8	72.2	89.8	95.5	96.0	97.4	97.6	97.7	97.8	97.8	97.8	97.8	98.0	98.0	98.0
700	49.8	63.8	72.2	89.8	95.8	96.3	97.8	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4
600	49.8	63.8	72.2	89.8	95.8	96.3	97.8	98.1	98.2	98.3	98.3	98.3	98.3	98.5	98.5	98.5
500	49.8	63.8	72.2	89.8	96.2	96.8	98.4	98.9	99.7	99.1	99.2	99.2	99.2	99.4	99.4	99.4
400	49.8	63.8	72.2	89.8	96.2	96.8	98.4	98.9	99.7	99.1	99.2	99.2	99.2	99.4	99.4	99.4
300	49.8	63.8	72.2	89.8	96.2	96.8	98.4	98.9	99.7	99.1	99.2	99.2	99.2	99.4	99.4	99.4
200	49.8	63.8	72.2	89.8	96.2	96.8	98.4	98.9	99.7	99.1	99.2	99.2	99.2	99.4	99.4	99.4
100	49.8	63.8	72.2	89.8	96.2	96.8	98.4	98.9	99.7	99.1	99.2	99.2	99.2	99.4	99.4	99.4
0	49.8	63.8	72.2	89.8	96.2	96.8	98.4	98.9	99.7	99.1	99.2	99.2	99.2	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 937

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

035951 WOODBRIDGE RAF UK

74-87

1974

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1222-1400

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																			
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005	≥0.0025	≥0.001	≥0.0005
NO CEILING	17.3	20.8	22.9	27.8	29.1	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	29.5	29.5
≥ 20000	19.8	25.4	28.1	34.3	35.8	36.2	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 18000	19.8	25.4	28.1	34.3	35.8	36.2	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 16000	19.8	25.4	28.1	34.3	35.8	36.2	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 14000	19.8	25.4	28.1	34.3	35.8	36.2	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 12000	20.2	25.9	28.7	34.9	36.5	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 10000	21.5	27.3	30.2	36.6	38.2	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 9000	22.2	28.0	30.9	37.2	38.8	39.2	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	39.5
≥ 8000	26.0	32.5	36.3	43.2	44.9	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 7000	26.7	33.1	37.1	44.1	46.0	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 6000	27.0	33.8	37.7	44.7	46.7	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	47.3	47.3
≥ 5000	30.9	38.2	42.6	49.9	51.8	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 4500	34.5	42.7	47.3	55.6	57.5	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 4000	41.2	51.1	56.6	65.4	67.3	67.8	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 3500	48.2	59.5	65.3	75.1	77.1	77.6	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3000	53.0	66.1	71.9	83.3	85.8	86.3	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2500	53.7	66.9	73.0	84.6	87.1	87.6	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2000	55.9	70.1	77.1	89.4	92.4	93.0	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	56.1	70.4	77.4	89.8	92.8	93.4	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	56.3	71.6	78.8	91.6	94.7	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	56.3	71.8	79.2	93.0	96.3	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	56.3	71.8	79.4	93.8	97.1	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	56.3	71.8	79.4	93.8	97.1	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	56.3	71.8	79.4	94.2	97.6	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	56.3	71.8	79.4	94.4	98.0	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	56.3	71.8	79.4	94.4	98.0	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	56.3	71.8	79.4	94.4	98.0	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	56.3	71.8	79.4	94.4	98.0	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	56.3	71.8	79.4	94.4	98.0	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	56.3	71.8	79.4	94.4	98.0	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	56.3	71.8	79.4	94.4	98.0	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	56.3	71.8	79.4	94.4	98.0	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035951 WOODBRIDGE RAF UK

74-83

1111

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1530-1700

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	61.9	60.0	68.7	66.0	64.8	64.0	63.2	62.4	62.2	61.6	61.2	61.0	60.8	60.5	60.4	60.0
≥ 20000	20.2	24.7	27.7	31.8	33.2	33.4	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
IV 18000	22.9	29.0	32.5	37.2	38.8	39.1	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IV 16000	22.9	29.0	32.5	37.2	38.8	39.1	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IV 14000	22.9	29.0	32.5	37.2	38.8	39.1	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IV 12000	22.9	29.0	32.5	37.2	38.8	39.1	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IV 10000	22.9	29.0	32.5	37.2	38.8	39.1	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IV 9000	25.8	32.4	36.4	41.9	43.5	43.8	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
IV 8000	26.7	33.6	37.6	43.1	44.7	45.0	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
IV 7000	32.4	40.4	45.3	51.9	53.5	53.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 6000	32.7	41.2	46.2	52.7	54.4	54.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 5000	32.8	41.4	46.4	53.1	54.7	55.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IV 4500	36.6	46.1	51.2	58.1	59.7	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 4000	40.7	50.9	56.6	63.5	65.2	65.7	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 3500	47.3	58.7	65.2	73.0	74.8	75.2	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 3000	51.1	63.7	70.7	79.4	81.4	81.8	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 2500	55.4	68.9	76.8	86.1	88.3	88.7	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 2000	56.0	69.5	77.1	87.2	89.3	89.9	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 1800	57.5	71.5	79.1	89.3	91.6	92.1	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1500	57.8	72.1	80.0	90.4	92.7	93.2	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1200	58.0	72.4	80.4	91.3	93.5	94.1	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1000	58.1	72.9	81.7	93.2	95.6	96.1	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 900	58.1	73.1	81.9	93.5	96.2	96.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 800	58.1	73.1	81.9	93.5	96.2	96.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 700	58.1	73.1	81.9	93.5	96.2	96.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 600	58.1	73.1	81.9	93.5	96.2	96.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 500	58.1	73.1	81.9	93.5	96.2	96.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 400	58.1	73.1	81.9	93.5	96.2	96.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 300	58.1	73.1	81.9	93.5	96.2	96.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 200	58.1	73.1	81.9	93.5	96.2	96.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 100	58.1	73.1	81.9	93.5	96.2	96.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 0	58.1	73.1	81.9	93.5	96.2	96.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35951 WOODBRIDGE RAF UK

74-83

1111

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18-0-2000

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	25.5	33.0	36.7	41.2	42.4	42.6	43.4	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 20000	30.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 18000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 16000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 14000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 12000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 10000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 9000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 8000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 7000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 6000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 5000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 4500	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 4000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 3500	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 3000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 2500	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 2000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 1800	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 1500	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 1200	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 1000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 900	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 800	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 700	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 600	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 500	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 400	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 300	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 200	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 100	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 0	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035951 WOODBRIDGE RAF UK

74-83

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2100

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	27.3	31.3	36.1	43.2	45.3	45.9	47.8	48.0	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 20000	30.3	35.1	40.9	48.8	51.5	52.3	54.5	54.9	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 18000	37.3	35.1	40.9	48.8	51.5	52.3	54.5	54.9	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 16000	37.3	35.1	40.9	48.8	51.5	52.3	54.5	54.9	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 14000	37.3	35.1	40.9	48.8	51.5	52.3	54.5	54.9	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 12000	37.3	35.1	40.9	48.8	51.5	52.3	54.5	54.9	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 10000	31.1	36.3	43.3	51.3	54.1	54.8	57.5	58.1	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 9000	31.1	36.3	43.3	51.3	54.1	54.8	57.5	58.1	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 8000	36.5	43.1	51.7	60.4	63.3	64.1	67.1	67.6	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 7000	37.8	44.8	53.5	62.3	65.2	65.9	68.9	69.5	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 6000	38.1	45.1	53.9	62.5	65.4	66.1	69.1	69.7	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 5000	40.6	48.1	57.3	66.5	69.7	70.4	73.5	74.1	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 4500	41.5	49.0	58.7	67.8	71.2	71.9	75.1	75.6	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4000	44.2	52.8	63.1	73.2	76.9	77.6	80.8	81.3	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500	45.5	54.1	64.5	74.9	78.6	79.4	82.6	83.1	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	47.3	56.6	67.1	78.5	82.7	83.4	86.9	87.5	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500	47.7	57.1	67.6	79.4	83.7	84.4	87.8	88.5	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	48.2	57.6	68.3	80.3	84.8	85.4	89.2	90.0	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	48.3	58.0	68.6	80.9	85.4	86.1	89.8	90.5	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	48.8	58.8	69.6	81.9	86.5	87.2	91.7	91.9	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	49.6	59.8	70.5	83.0	87.6	88.5	92.5	93.5	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	49.8	60.3	71.1	83.5	88.3	89.2	93.2	94.4	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 900	49.9	60.4	71.5	84.5	89.2	90.2	94.2	95.4	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 800	49.9	60.4	71.5	85.1	89.8	90.9	95.1	96.2	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 700	50.3	60.5	71.6	85.2	89.9	91.1	95.6	97.0	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 600	50.7	60.5	71.6	85.3	90.0	91.2	95.8	97.2	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 500	50.0	60.5	71.6	85.4	90.1	91.3	95.9	97.3	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 400	50.7	60.6	71.7	85.7	90.4	91.6	96.2	97.6	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 300	50.0	60.6	71.7	85.7	90.4	91.6	96.2	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 200	50.0	60.6	71.7	85.7	90.4	91.6	96.2	98.1	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100	50.0	60.6	71.7	85.7	90.4	91.6	96.2	98.1	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	50.0	60.6	71.7	85.7	90.4	91.6	96.2	98.1	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

135951 000BRIDGE RAF UK

74-83

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	20.8	25.8	29.6	35.5	37.6	38.0	39.2	39.6	39.8	39.9	40.0	40.0	40.0	40.0	40.0	40.0
≥ 20000	23.6	29.8	34.3	41.0	43.5	43.9	45.4	45.9	46.1	46.3	46.4	46.5	46.5	46.6	46.6	46.6
IV 18000	23.6	29.8	34.3	41.1	43.5	44.0	45.4	46.0	46.2	46.4	46.4	46.5	46.6	46.6	46.6	46.6
IV 16000	23.6	29.8	34.3	41.1	43.5	44.0	45.4	46.0	46.2	46.4	46.4	46.5	46.6	46.6	46.6	46.6
IV 14000	23.6	29.8	34.3	41.1	43.5	44.0	45.4	46.0	46.2	46.4	46.5	46.6	46.6	46.7	46.7	46.7
IV 12000	23.9	30.2	34.7	41.5	44.0	44.4	45.9	46.5	46.7	46.9	47.0	47.1	47.1	47.2	47.2	47.2
IV 10000	25.2	31.9	36.7	43.8	46.4	46.9	48.5	49.2	49.4	49.6	49.7	49.8	49.9	50.0	50.0	50.0
IV 9000	25.9	32.8	37.7	45.0	47.6	48.2	49.8	50.5	50.7	50.9	51.0	51.1	51.1	51.2	51.3	51.3
IV 8000	29.6	37.9	44.0	52.6	55.6	56.2	58.0	58.7	58.9	59.2	59.3	59.4	59.4	59.5	59.6	59.6
IV 7000	30.3	39.0	45.1	54.0	56.9	57.6	59.4	60.1	60.4	60.7	60.8	60.8	60.9	61.0	61.0	61.0
IV 6000	30.5	39.3	45.4	54.3	57.3	57.9	59.8	60.5	60.7	61.0	61.1	61.2	61.2	61.3	61.4	61.4
IV 5000	33.4	42.6	49.1	58.4	61.6	62.2	64.1	64.9	65.2	65.6	65.7	65.7	65.8	65.9	65.9	65.9
IV 4500	35.5	45.3	52.1	61.8	65.0	65.7	67.6	68.3	68.6	69.0	69.1	69.2	69.3	69.3	69.4	69.4
IV 4000	39.6	50.5	57.9	68.8	72.3	73.0	75.0	75.8	76.1	76.5	76.6	76.7	76.8	76.9	76.9	76.9
IV 3500	42.3	53.8	61.6	73.2	76.8	77.5	79.6	80.4	80.7	81.1	81.2	81.3	81.4	81.5	81.5	81.5
IV 3000	45.1	57.3	65.4	78.1	81.9	82.7	84.9	85.8	86.1	86.5	86.7	86.8	86.8	86.9	86.9	87.0
IV 2500	45.5	57.9	66.0	78.9	82.9	83.6	85.8	86.7	87.1	87.5	87.6	87.7	87.8	87.9	87.9	87.9
IV 2000	46.9	59.8	68.2	81.6	85.8	86.7	88.9	89.9	90.2	90.7	90.8	90.9	91.0	91.0	91.0	91.1
IV 1800	47.1	60.1	68.6	82.1	86.4	87.2	89.5	90.4	90.8	91.2	91.3	91.4	91.5	91.6	91.6	91.6
IV 1500	47.5	60.8	69.5	83.3	87.6	88.5	90.8	91.8	92.1	92.6	92.7	92.8	92.8	92.9	93.0	93.0
IV 1200	47.8	61.5	70.6	85.1	89.6	90.5	92.9	94.0	94.3	94.8	94.9	95.0	95.0	95.1	95.2	95.2
IV 1000	48.0	61.7	70.9	85.8	90.5	91.5	93.9	95.1	95.4	95.9	96.0	96.1	96.2	96.2	96.3	96.3
IV 900	48.0	61.7	71.0	86.2	91.0	91.9	94.4	95.5	95.9	96.4	96.5	96.6	96.6	96.7	96.7	96.8
IV 800	48.0	61.8	71.0	86.5	91.4	92.4	95.0	96.2	96.6	97.1	97.2	97.3	97.3	97.4	97.4	97.5
IV 700	48.0	61.8	71.0	86.6	91.6	92.6	95.3	96.5	96.9	97.4	97.5	97.6	97.7	97.8	97.8	97.8
IV 600	48.0	61.8	71.0	86.7	91.8	92.7	95.6	96.8	97.2	97.7	97.8	97.9	98.0	98.1	98.1	98.1
IV 500	48.0	61.8	71.0	86.7	91.9	92.9	95.9	97.2	97.6	98.1	98.2	98.3	98.4	98.5	98.5	98.5
IV 400	48.0	61.8	71.1	86.8	92.0	93.0	96.0	97.4	97.8	98.4	98.5	98.6	98.7	98.8	98.8	98.8
IV 300	48.0	61.8	71.1	86.8	92.0	93.0	96.1	97.6	98.1	98.7	98.9	99.0	99.1	99.2	99.3	99.3
IV 200	48.0	61.8	71.1	86.8	92.1	93.1	96.1	97.6	98.1	98.9	99.1	99.2	99.3	99.5	99.6	99.6
IV 100	48.0	61.8	71.1	86.8	92.1	93.1	96.1	97.6	98.1	98.9	99.1	99.2	99.3	99.5	99.7	100.0
IV 0	48.0	61.8	71.1	86.8	92.1	93.1	96.1	97.6	98.1	98.9	99.1	99.2	99.3	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7289

USAF ETAC FORM 104-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035951 WOODBRIDGE RAF UK

74-83

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-000

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	22.9	31.2	35.2	43.8	48.6	49.2	52.2	53.4	54.3	54.8	55.7	55.1	55.4	55.7	55.7	55.7
≥ 20000	24.8	33.3	37.3	46.5	52.2	52.8	55.9	57.3	58.2	58.7	58.9	59.0	59.3	59.6	59.6	59.6
≥ 18000	24.8	33.3	37.3	46.5	52.2	52.8	55.9	57.3	58.2	58.7	58.9	59.0	59.3	59.6	59.6	59.6
≥ 16000	24.8	33.3	37.3	46.5	52.2	52.8	55.9	57.3	58.2	58.7	58.9	59.0	59.3	59.6	59.6	59.6
≥ 14000	24.8	33.3	37.3	46.5	52.2	52.8	55.9	57.3	58.2	58.7	58.9	59.0	59.3	59.6	59.6	59.6
≥ 12000	24.8	33.3	37.3	46.5	52.2	52.8	55.9	57.3	58.2	58.7	58.9	59.0	59.3	59.6	59.6	59.6
≥ 10000	25.9	34.7	38.9	48.3	54.2	54.7	58.1	59.5	60.3	60.9	61.1	61.2	61.4	61.8	61.8	61.8
≥ 9000	26.7	35.0	39.2	48.8	54.6	55.1	58.5	60.0	61.1	61.6	61.9	62.0	62.2	62.5	62.5	62.5
≥ 8000	29.1	38.8	43.7	54.5	60.3	60.9	64.4	66.2	67.3	68.0	68.3	68.4	68.6	68.9	68.9	68.9
≥ 7000	29.3	38.9	43.8	54.6	60.5	61.0	64.5	66.3	67.4	68.0	68.3	68.4	68.6	68.9	68.9	68.9
≥ 6000	29.3	39.0	43.9	54.7	60.6	61.1	64.6	66.4	67.9	68.7	68.9	69.0	69.2	69.6	69.6	69.6
≥ 5000	29.9	39.7	44.6	55.5	61.5	62.1	65.5	67.4	68.9	69.7	69.9	70.0	70.2	70.5	70.5	70.5
≥ 4500	31.2	41.4	46.4	57.2	63.6	64.1	67.6	69.8	71.3	72.0	72.3	72.4	72.6	72.9	72.9	72.9
≥ 4000	33.0	44.1	49.9	62.0	69.0	69.6	73.2	75.6	77.1	77.9	78.1	78.2	78.4	78.8	78.8	78.8
≥ 3500	34.6	45.9	52.1	64.2	71.7	72.3	75.9	78.4	80.0	80.7	80.9	81.0	81.3	81.6	81.6	81.6
≥ 3000	36.4	48.4	55.3	67.9	75.8	76.5	80.5	83.0	84.5	85.3	85.5	85.6	85.8	86.2	86.2	86.2
≥ 2500	36.5	48.5	55.4	68.1	76.1	76.7	80.9	83.4	84.9	85.7	85.9	86.0	86.2	86.7	86.7	86.7
≥ 2000	37.6	49.8	57.1	70.5	78.8	79.4	83.7	86.2	87.8	88.5	88.7	88.8	89.1	89.5	89.5	89.5
≥ 1800	38.0	50.3	57.5	71.0	79.2	79.8	84.2	86.7	88.2	88.9	89.2	89.3	89.5	89.9	89.9	89.9
≥ 1500	38.4	50.6	57.9	71.6	79.8	80.5	85.0	87.6	89.2	89.9	90.1	90.2	90.5	90.9	90.9	90.9
≥ 1200	38.6	50.8	58.6	72.7	81.7	82.6	87.2	89.8	91.3	92.1	92.3	92.4	92.6	93.1	93.1	93.1
≥ 1000	38.8	51.0	58.8	73.0	82.0	82.9	87.9	90.6	92.1	93.0	93.2	93.3	93.5	93.9	93.9	93.9
≥ 900	38.8	51.0	58.8	73.1	82.1	83.0	88.0	90.7	92.2	93.1	93.3	93.4	93.6	94.0	94.0	94.0
≥ 800	38.8	51.1	58.9	73.5	82.4	83.3	88.4	91.7	93.2	94.0	94.3	94.4	94.6	95.0	95.0	95.0
≥ 700	38.8	51.4	59.2	73.7	82.7	83.5	89.2	92.3	93.8	94.7	94.9	95.0	95.2	95.7	95.7	95.7
≥ 600	38.8	51.4	59.3	74.0	83.1	84.0	89.7	92.8	94.5	95.3	95.6	95.7	95.9	96.3	96.3	96.3
≥ 500	38.8	51.4	59.3	74.3	83.6	84.5	90.5	93.6	95.2	96.2	96.4	96.5	96.7	97.2	97.2	97.2
≥ 400	38.8	51.4	59.3	74.3	83.6	84.5	90.5	93.6	95.2	96.2	96.4	96.5	96.7	97.2	97.2	97.2
≥ 300	38.8	51.4	59.3	74.3	83.6	84.7	91.0	94.6	96.2	97.4	97.7	97.8	98.0	98.6	98.6	98.6
≥ 200	38.8	51.4	59.3	74.3	83.6	84.7	91.0	94.6	96.2	97.4	97.7	97.8	98.0	98.6	98.6	98.6
≥ 100	38.8	51.4	59.3	74.3	83.6	84.7	91.0	94.6	96.2	97.4	97.7	97.8	98.0	98.6	98.6	98.6
≥ 0	38.8	51.4	59.3	74.3	83.6	84.7	91.0	94.6	96.2	97.4	97.7	97.8	98.0	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 923

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

GLCEAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35951

WOODBRIDGE RAF UK

74-83

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-0500

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
	GT9.7	EQ9.7	GE8.7	GE6.0	GE4.8	GE4.0	GE3.2	GE2.4	GE2.0	GE1.6	GE1.2	GE1.0	GE0.8	GE0.5	GE0.4	GE0.3
NO CEILING	15.0	20.8	24.1	32.6	37.3	38.2	42.5	43.8	44.5	45.8	46.1	46.2	46.4	47.4	47.6	47.7
≥ 20000	16.6	23.2	26.7	36.4	41.5	42.3	46.6	48.5	49.1	50.6	51.3	51.5	51.8	52.8	53.0	53.1
IV 18000	16.6	23.2	26.7	36.4	41.5	42.3	46.6	48.5	49.1	50.6	51.3	51.5	51.8	52.8	53.0	53.1
IV 16000	16.6	23.2	26.7	36.4	41.5	42.3	46.6	48.5	49.1	50.6	51.3	51.5	51.8	52.8	53.0	53.1
IV 14000	16.6	23.2	26.7	36.4	41.5	42.3	46.6	48.5	49.1	50.6	51.3	51.5	51.8	52.8	53.0	53.1
IV 12000	16.7	23.3	26.8	36.5	41.6	42.4	46.8	48.6	49.2	50.9	51.5	51.7	52.1	53.0	53.2	53.4
IV 10000	18.1	24.9	28.5	38.4	43.8	44.8	49.2	51.1	51.7	53.4	54.0	54.3	54.7	55.6	55.8	56.0
IV 9000	18.5	25.6	29.2	39.3	44.7	45.7	50.1	52.2	52.9	54.5	55.2	55.5	55.8	56.8	57.0	57.1
IV 8000	27.8	28.9	33.7	43.6	49.8	50.8	55.7	58.2	59.1	60.8	61.5	61.8	62.1	63.1	63.3	63.4
IV 7000	27.8	29.2	33.3	43.9	50.2	51.2	56.2	58.7	59.7	61.6	62.2	62.6	62.9	63.9	64.1	64.2
IV 6000	21.1	29.5	33.7	44.3	50.5	51.5	56.5	59.0	60.1	61.9	62.6	62.9	63.2	64.2	64.4	64.5
IV 5000	21.6	30.5	34.8	45.6	51.9	52.9	58.0	60.7	61.9	63.7	64.4	64.7	65.0	66.0	66.2	66.3
IV 4500	23.1	32.1	36.8	47.7	54.5	55.5	60.6	63.3	64.5	66.5	67.1	67.4	67.7	68.7	68.9	69.0
IV 4000	25.2	35.7	40.9	53.1	60.2	61.3	66.5	69.3	70.5	72.4	73.1	73.4	73.7	74.7	74.9	75.0
IV 3500	26.5	37.6	43.5	56.0	63.3	64.5	70.0	73.1	74.2	76.2	76.8	77.2	77.5	78.5	78.7	78.8
IV 3000	28.7	40.0	46.6	59.7	67.3	68.5	74.1	77.3	78.6	80.5	81.2	81.5	81.8	82.8	83.0	83.1
IV 2500	28.8	40.2	46.8	59.8	67.4	68.6	74.5	77.6	78.9	80.8	81.5	81.8	82.1	83.1	83.3	83.4
IV 2000	32.3	42.1	48.9	62.4	70.5	71.6	77.8	81.0	82.5	84.4	85.1	85.4	85.7	86.7	86.9	87.0
IV 1800	30.5	42.4	49.2	63.0	71.0	72.2	78.4	81.5	83.1	85.1	85.7	86.0	86.4	87.3	87.6	87.7
IV 1500	31.1	43.2	50.0	64.1	72.2	73.4	79.5	82.7	84.3	86.4	87.0	87.3	87.7	88.6	88.9	89.0
IV 1200	31.2	43.3	50.1	64.4	72.7	74.0	80.5	83.7	85.3	87.3	88.0	88.3	88.6	89.6	89.8	89.9
IV 1000	31.3	43.4	50.2	64.7	73.2	74.6	81.2	84.4	86.0	88.3	89.0	89.3	89.6	90.6	90.8	90.9
IV 900	31.3	43.6	50.4	65.3	74.0	75.4	82.0	85.3	86.9	89.2	89.8	90.2	90.5	91.5	91.7	91.8
IV 800	31.3	43.7	50.5	65.4	74.1	75.5	82.8	86.1	87.8	90.3	90.9	91.2	91.6	92.5	92.7	92.9
IV 700	31.4	43.8	50.6	65.5	74.5	76.0	83.2	87.0	88.6	91.2	91.9	92.2	92.5	93.5	93.7	93.8
IV 600	31.4	43.8	50.6	65.6	74.7	76.3	83.5	87.4	89.2	91.8	92.4	92.7	93.1	94.2	94.4	94.5
IV 500	31.4	43.8	50.6	65.6	75.0	76.8	84.5	88.4	90.2	93.0	93.6	93.9	94.3	95.3	95.6	95.7
IV 400	31.4	43.8	50.6	65.8	75.2	77.1	85.3	89.2	91.0	93.8	94.5	94.8	95.1	96.2	96.4	96.5
IV 300	31.4	43.8	50.6	65.8	75.2	77.1	85.3	89.3	91.2	94.2	94.8	95.1	95.5	96.5	97.0	97.1
IV 200	31.4	43.8	50.6	65.8	75.2	77.1	85.3	89.5	91.6	94.7	95.3	95.8	96.2	97.5	98.1	98.9
IV 100	31.4	43.8	50.6	65.8	75.2	77.1	85.3	89.5	91.6	94.7	95.3	95.8	96.2	97.7	98.4	100.0
IV 0	31.4	43.8	50.6	65.8	75.2	77.1	85.3	89.5	91.6	94.7	95.3	95.8	96.2	97.7	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 924

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035951 WOODBRIDGE RAF UK

74-83

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

630-6800

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ 0
NO CEILING	61.9	50.0	48.7	46.3	44.8	44.0	43.2	42.4	42.2	41.6	41.2	40.8	40.3	39.7	39.1	37.6
≥ 20000	10.8	15.9	18.8	27.4	37.6	37.7	32.9	34.4	34.9	36.2	36.2	36.3	36.7	37.7	37.1	37.6
≥ 18000	13.3	19.7	22.6	33.8	37.4	37.7	40.0	42.1	42.9	44.6	44.9	45.0	45.5	45.8	45.9	46.4
≥ 16000	13.4	19.8	22.7	34.1	37.6	37.9	40.2	42.3	43.1	44.8	45.2	45.3	45.7	46.7	46.1	46.7
≥ 14000	13.4	19.8	22.7	34.1	37.6	37.9	40.2	42.3	43.1	44.8	45.2	45.3	45.7	46.7	46.1	46.7
≥ 12000	13.4	19.9	22.8	34.2	37.7	38.0	40.3	42.5	43.2	44.9	45.3	45.4	45.8	46.1	46.2	46.8
≥ 10000	15.2	22.0	25.2	37.5	41.4	41.8	44.3	46.7	47.5	49.6	49.9	51.0	51.4	50.8	51.9	51.4
≥ 9000	15.6	22.4	25.9	38.3	42.1	42.6	45.0	47.5	48.4	50.4	50.8	51.9	51.3	51.6	51.7	52.3
≥ 8000	17.0	23.8	27.8	41.6	46.2	46.8	49.5	52.3	53.2	55.3	55.6	55.7	56.1	56.5	56.6	57.1
≥ 7000	17.5	24.7	28.9	43.1	48.0	48.5	51.4	54.2	55.2	57.2	57.5	57.7	58.1	58.4	58.5	59.1
≥ 6000	17.5	24.9	29.2	43.4	48.3	48.8	51.7	54.7	55.8	57.9	58.2	58.3	58.7	59.1	59.2	59.7
≥ 5000	18.1	26.0	30.8	45.6	50.8	51.0	53.9	56.9	58.2	60.3	60.7	60.8	61.2	61.5	61.6	62.2
≥ 4500	17.1	27.0	32.2	47.4	52.9	53.4	56.4	59.5	60.8	62.9	63.3	63.4	63.8	64.1	64.2	64.8
≥ 4000	22.7	32.1	37.6	54.4	61.7	61.3	64.4	67.7	69.3	71.4	71.8	71.9	72.3	72.6	72.7	73.3
≥ 3500	23.8	33.7	39.4	56.8	63.9	64.7	67.8	71.0	72.6	75.0	75.3	75.4	75.9	76.2	76.3	76.8
≥ 3000	25.8	35.8	41.8	59.5	67.1	67.9	71.4	74.9	76.5	79.0	79.3	79.4	79.8	80.2	80.3	80.8
≥ 2500	25.9	36.0	42.0	59.8	67.7	68.4	72.1	75.5	77.2	79.6	81.0	81.1	81.5	81.9	81.0	81.6
≥ 2000	26.7	37.1	43.3	61.1	69.3	70.0	73.8	77.5	79.1	81.6	81.9	82.0	82.4	82.9	83.0	83.5
≥ 1800	26.7	37.1	43.3	61.1	69.5	70.3	74.0	77.7	79.3	81.8	82.1	82.2	82.7	83.1	83.2	83.7
≥ 1500	27.4	38.0	44.5	62.8	71.4	72.2	76.0	79.7	81.4	84.1	84.4	84.5	85.0	85.5	85.6	86.1
≥ 1200	27.6	38.3	44.7	64.1	73.9	74.8	79.0	82.8	84.4	87.1	87.4	87.5	88.0	88.5	88.6	89.1
≥ 1000	27.6	38.6	45.2	64.7	74.6	75.5	80.0	84.1	85.7	88.4	88.7	88.8	89.3	89.8	89.9	90.4
≥ 900	27.6	38.7	45.2	64.8	74.9	76.0	80.5	84.7	86.3	89.0	89.3	89.4	90.0	90.4	90.5	91.1
≥ 800	27.6	38.7	45.2	65.1	75.5	76.8	81.7	86.3	87.9	90.6	90.9	91.1	91.6	92.0	92.1	92.7
≥ 700	27.6	38.7	45.3	65.4	76.3	77.7	82.7	87.4	89.1	91.8	92.1	92.2	92.8	93.2	93.3	93.9
≥ 600	27.6	38.7	45.3	65.4	76.5	77.9	82.9	87.7	89.4	92.2	92.6	92.7	93.2	93.6	93.8	94.3
≥ 500	27.6	38.7	45.3	65.5	76.9	78.4	83.6	89.2	91.4	94.2	94.5	94.6	95.2	95.6	95.7	96.2
≥ 400	27.6	38.7	45.3	65.5	76.9	78.6	83.7	89.7	92.0	95.4	95.7	95.8	96.3	96.8	96.9	97.4
≥ 300	27.6	38.7	45.3	65.5	76.9	78.6	83.7	90.0	92.5	95.9	96.3	96.7	97.2	97.8	98.0	98.5
≥ 200	27.6	38.7	45.3	65.5	76.9	78.6	83.7	90.0	92.5	96.0	96.4	97.0	97.6	98.5	98.7	99.4
≥ 100	27.6	38.7	45.3	65.5	76.9	78.6	83.7	90.0	92.5	96.0	96.4	97.0	97.6	98.5	98.9	100.0
≥ 0	27.6	38.7	45.3	65.5	76.9	78.6	83.7	90.0	92.5	96.0	96.4	97.0	97.6	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 228

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

STATION: 75951 WOODBRIDGE RAF UK

74-83

ALC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

222-1125

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	619.7	609.0	608.0	606.0	604.8	604.7	603.2	602.4	602.0	601.6	601.7	601.0	600.9	600.5	600.4	600.3
≥ 20000	19.1	24.1	25.9	33.4	35.5	35.7	36.2	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 18000	23.3	28.9	31.7	40.0	42.7	42.9	44.7	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 16000	23.5	29.1	31.2	40.3	43.0	43.2	44.3	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 14000	23.5	29.1	31.2	40.3	43.0	43.2	44.3	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 12000	23.7	29.2	31.3	40.5	43.2	43.4	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 10000	25.4	31.4	33.7	43.5	46.3	46.6	47.6	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 9000	26.2	32.4	34.8	44.8	47.6	47.8	48.9	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 8000	27.6	34.6	37.2	49.1	52.3	52.5	53.5	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 7000	28.2	35.3	37.8	52.1	53.2	53.4	54.5	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 6000	28.8	35.9	38.5	51.2	54.1	54.3	55.4	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 5000	29.5	36.8	39.6	53.1	56.3	56.6	57.7	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 4500	30.6	38.1	41.2	54.8	58.1	58.3	59.6	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 4000	34.3	42.0	45.6	62.1	63.9	64.1	65.4	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 3500	37.1	45.8	49.4	64.5	68.3	68.5	69.8	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 3000	43.1	52.4	56.7	73.2	77.3	77.5	78.8	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2500	44.4	54.1	57.8	75.3	79.4	79.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2000	46.3	56.5	60.4	78.9	83.2	83.4	84.9	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1800	46.7	56.9	61.1	80.3	84.6	84.9	86.5	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1500	47.0	57.7	62.4	82.2	86.9	87.2	88.9	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1200	47.2	58.2	63.1	84.0	89.8	90.1	92.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	47.2	58.2	63.3	84.7	91.3	91.7	94.3	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	47.3	58.3	63.7	85.5	92.4	92.8	95.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	47.3	58.4	63.9	86.1	93.3	93.8	96.5	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	47.3	58.4	63.9	86.1	93.0	94.3	97.1	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	47.3	58.4	64.7	86.2	94.0	94.4	97.2	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	47.3	58.4	64.0	86.3	94.2	94.6	97.4	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	47.3	58.4	64.0	86.3	94.2	94.7	97.5	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	47.3	58.4	64.7	86.3	94.2	94.7	97.5	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	47.3	58.4	64.7	86.3	94.2	94.7	97.5	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	47.3	58.4	64.7	86.3	94.2	94.7	97.5	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	47.3	58.4	64.0	86.3	94.2	94.7	97.5	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

CEILING VERSUS VISIBILITY

74-23

12-2-1426

TOTAL NUMBER OF OBSERVATIONS 932

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74951 JOOBRIDGE RAF UK

74-83

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	19.2	25.7	28.9	35.3	37.1	37.3	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥20000	23.9	31.4	34.8	42.9	45.9	46.2	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥18000	24.3	31.8	35.3	43.3	46.3	46.7	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥16000	24.3	31.8	35.3	43.3	46.3	46.7	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥14000	24.4	31.9	35.4	43.4	46.5	46.8	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥12000	24.7	32.3	35.9	44.4	47.2	47.5	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥10000	26.5	34.6	38.6	47.6	51.0	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥9000	27.2	35.5	39.7	49.0	52.4	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥8000	29.7	38.7	43.4	53.7	57.2	57.5	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥7000	29.9	38.9	43.7	54.0	57.6	58.0	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥6000	30.4	39.5	44.2	54.5	58.2	58.5	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥5000	33.0	42.7	47.7	58.9	62.6	62.9	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥4500	35.3	45.4	50.5	62.3	66.1	66.5	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥4000	41.0	52.3	57.8	71.0	75.4	75.7	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥3500	44.2	57.7	63.9	77.8	82.4	82.7	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥3000	48.8	63.4	69.9	84.6	89.1	89.6	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥2500	49.1	63.9	70.3	85.2	89.8	90.2	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥2000	49.8	64.7	71.4	87.5	92.7	93.2	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥1800	49.8	64.9	71.6	88.1	93.3	93.9	94.5	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥1500	49.9	65.2	71.8	88.6	94.6	95.2	95.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥1200	49.9	65.5	72.2	89.2	95.6	96.1	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥1000	49.9	65.5	72.2	89.5	96.1	96.8	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥900	49.9	65.5	72.2	89.5	96.1	96.8	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥800	49.9	65.5	72.2	89.5	96.1	96.8	97.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥700	49.9	65.5	72.2	89.9	96.6	97.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥600	49.9	65.5	72.2	89.9	96.6	97.2	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥500	49.9	65.5	72.3	90.0	96.7	97.3	98.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	49.9	65.5	72.3	90.0	96.7	97.3	98.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	49.9	65.5	72.3	90.0	96.7	97.3	98.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	49.9	65.5	72.3	90.0	96.7	97.3	98.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	49.9	65.5	72.3	90.0	96.7	97.3	98.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥50	49.9	65.5	72.3	90.0	96.7	97.3	98.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35951 WOODBRIDGE RAF UK

74-83

10-10

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18-2-200

CEILING FEET	VISIBILITY: STATUTE MILES															
	OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	22.5	29.1	33.8	40.6	43.3	43.7	44.4	44.5	44.5	44.5	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000	26.9	34.9	40.5	48.9	52.9	53.2	54.0	54.3	54.3	54.4	54.6	54.6	54.6	54.6	54.6	54.6
≥ 18000	27.1	35.2	40.8	49.1	53.1	53.4	54.2	54.5	54.5	54.6	54.8	54.8	54.8	54.8	54.8	54.8
≥ 16000	27.1	35.2	40.8	49.1	53.1	53.4	54.2	54.5	54.5	54.6	54.8	54.8	54.8	54.8	54.8	54.8
≥ 14000	27.1	35.3	40.9	49.2	53.2	53.5	54.3	54.6	54.6	54.7	54.9	54.9	54.9	54.9	54.9	54.9
≥ 12000	27.4	35.9	41.5	49.9	53.9	54.2	54.9	55.3	55.3	55.4	55.6	55.6	55.6	55.6	55.6	55.6
≥ 10000	30.0	36.7	44.6	53.7	58.0	58.3	59.7	59.4	59.4	59.5	59.7	59.7	59.7	59.7	59.7	59.7
≥ 9000	31.4	39.6	45.8	54.8	59.8	60.1	60.9	61.2	61.2	61.3	61.5	61.5	61.5	61.5	61.5	61.5
≥ 8000	33.8	44.5	51.4	61.4	67.1	67.6	68.7	69.1	69.1	69.2	69.5	69.5	69.5	69.5	69.5	69.5
≥ 7000	34.7	44.7	51.6	61.7	67.4	68.0	69.0	69.6	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9
≥ 6000	34.0	44.7	51.6	61.7	67.4	68.0	69.0	69.6	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9
≥ 5000	35.1	46.1	53.2	63.5	69.5	70.0	71.1	71.7	71.7	71.8	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4500	37.7	49.1	56.3	67.2	73.3	73.9	75.1	75.7	75.7	75.8	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4000	40.9	53.9	61.5	73.5	80.3	80.9	82.3	82.9	82.9	83.0	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	43.7	56.3	64.1	76.2	83.5	84.1	85.5	86.3	86.3	86.5	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	45.3	59.3	66.9	79.2	86.8	87.3	88.8	89.7	89.7	89.9	90.1	90.1	90.2	90.2	90.2	90.2
≥ 2500	45.5	59.4	67.2	79.9	87.4	88.0	89.5	90.4	90.4	90.6	90.9	90.9	91.0	91.0	91.0	91.0
≥ 2000	46.5	60.5	68.7	82.5	90.1	90.6	92.5	93.4	93.4	93.7	93.9	93.9	94.0	94.0	94.0	94.0
≥ 1800	46.6	60.8	68.9	82.9	90.5	91.1	92.9	93.9	93.9	94.1	94.3	94.3	94.4	94.4	94.4	94.4
≥ 1500	46.7	60.9	69.1	83.7	91.5	92.2	93.9	94.8	94.8	95.1	95.3	95.3	95.4	95.4	95.4	95.4
≥ 1200	46.7	61.2	69.6	84.5	92.8	93.3	95.4	96.6	96.6	96.8	97.0	97.0	97.1	97.1	97.1	97.1
≥ 1000	46.7	61.2	69.6	84.7	93.2	93.8	95.8	97.0	97.0	97.3	97.5	97.5	97.6	97.6	97.6	97.6
≥ 900	46.7	61.2	69.6	84.8	93.3	93.9	95.9	97.1	97.1	97.4	97.6	97.6	97.7	97.7	97.7	97.7
≥ 800	46.7	61.2	69.6	84.8	93.5	94.3	96.6	97.7	97.8	98.2	98.4	98.4	98.5	98.5	98.5	98.5
≥ 700	46.7	61.2	69.6	85.3	94.1	94.8	97.1	98.5	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2
≥ 600	46.7	61.2	69.6	85.3	94.1	94.8	97.1	98.5	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2
≥ 500	46.7	61.2	69.6	85.5	94.3	95.1	97.4	98.8	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6
≥ 400	46.7	61.2	69.6	85.5	94.3	95.1	97.4	98.8	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	46.7	61.2	69.6	85.5	94.3	95.1	97.5	98.9	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	46.7	61.2	69.6	85.5	94.3	95.1	97.5	98.9	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	46.7	61.2	69.6	85.5	94.3	95.1	97.5	98.9	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	46.7	61.2	69.6	85.5	94.3	95.1	97.5	98.9	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION

WOODBRIDGE RAF UK

74-87

ALC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1100-2300

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	GE97	GE97	GE87	GE60	GE48	GE47	GE32	GE24	GE27	GE16	GE17	GE10	GE38	GE05	GE34	GE0
≥ 20000	26.7	32.5	38.2	45.6	49.9	51.8	53.7	54.7	55.1	55.7	55.7	55.7	55.7	55.8	55.8	55.8
≥ 18000	28.1	34.3	40.8	48.8	53.7	54.5	57.7	58.9	59.2	59.9	59.9	59.9	59.9	60.0	60.0	60.0
≥ 16000	28.1	34.3	40.8	48.8	53.7	54.5	57.7	58.9	59.2	59.9	59.9	59.9	59.9	60.0	60.0	60.0
≥ 14000	28.1	34.3	40.8	48.8	53.7	54.5	57.7	58.9	59.2	59.9	59.9	59.9	59.9	60.0	60.0	60.0
≥ 12000	28.4	34.6	41.2	49.2	54.1	54.9	58.2	59.4	59.7	60.3	60.3	60.3	60.3	60.4	60.4	60.4
≥ 10000	30.6	37.8	44.7	53.3	58.3	59.1	62.4	63.5	63.9	64.5	64.5	64.5	64.5	64.6	64.6	64.6
≥ 9000	31.5	38.7	45.6	54.2	59.1	60.0	63.2	64.4	64.7	65.4	65.4	65.4	65.4	65.5	65.5	65.5
≥ 8000	34.5	42.8	50.1	60.3	65.8	66.7	70.2	71.5	71.8	72.5	72.7	72.7	72.7	72.8	72.8	72.8
≥ 7000	34.8	43.1	50.4	60.6	66.1	67.0	70.6	72.0	72.7	73.3	73.5	73.5	73.5	73.7	73.7	73.7
≥ 6000	34.8	43.1	50.4	60.6	66.1	67.0	70.6	72.0	72.7	73.3	73.5	73.5	73.5	73.7	73.7	73.7
≥ 5000	35.9	44.3	51.6	62.0	67.6	68.5	72.2	73.7	74.3	74.9	75.2	75.2	75.2	75.3	75.3	75.3
≥ 4500	38.1	46.6	54.0	64.5	70.3	71.2	74.8	76.5	77.1	77.7	78.0	78.0	78.0	78.1	78.1	78.1
≥ 4000	47.8	49.8	57.5	69.1	75.4	76.2	80.3	81.9	82.6	83.2	83.4	83.4	83.4	83.5	83.5	83.5
≥ 3500	42.2	51.3	59.2	71.2	77.8	78.7	83.7	84.7	85.4	86.0	86.2	86.2	86.2	86.3	86.3	86.3
≥ 3000	43.8	53.4	61.7	73.7	81.6	81.5	85.9	87.6	88.3	88.9	89.1	89.1	89.1	89.2	89.2	89.2
≥ 2500	43.9	53.7	62.0	74.2	81.3	82.2	86.7	88.4	89.7	89.7	89.9	89.9	89.9	90.0	90.0	90.0
≥ 2000	44.7	54.6	63.2	76.2	83.4	84.3	89.0	90.8	91.4	92.0	92.3	92.3	92.3	92.4	92.4	92.4
≥ 1800	44.7	54.7	63.3	76.3	83.7	84.5	89.2	91.0	91.6	92.3	92.5	92.5	92.5	92.6	92.6	92.6
≥ 1500	45.1	55.2	64.7	77.2	84.8	85.7	90.4	92.2	92.8	93.4	93.7	93.7	93.7	93.8	93.8	93.8
≥ 1200	45.2	55.4	65.1	78.8	86.6	87.5	92.4	94.4	95.1	95.7	95.9	95.9	95.9	96.0	96.0	96.0
≥ 1000	45.2	55.6	65.3	79.1	87.1	88.1	93.2	95.3	95.9	96.6	96.8	96.8	96.8	96.9	96.9	96.9
≥ 900	45.2	55.7	65.4	79.4	87.3	88.3	93.5	95.6	96.2	96.9	97.1	97.1	97.1	97.2	97.2	97.2
≥ 800	45.2	55.7	65.4	79.4	87.3	88.3	93.8	95.8	96.5	97.1	97.3	97.3	97.3	97.4	97.4	97.4
≥ 700	45.2	55.7	65.4	79.7	87.6	88.6	94.1	96.1	96.8	97.5	97.7	97.7	97.7	97.8	97.8	97.8
≥ 600	45.2	55.9	65.6	80.1	88.3	89.2	94.9	97.0	97.6	98.4	98.6	98.6	98.6	98.7	98.7	98.7
≥ 500	45.2	55.9	65.6	80.3	88.5	89.5	95.4	97.4	98.1	98.8	99.0	99.0	99.0	99.1	99.1	99.1
≥ 400	45.2	55.9	65.6	80.3	88.5	89.5	95.8	97.5	98.3	99.0	99.2	99.2	99.2	99.3	99.3	99.3
≥ 300	45.2	55.9	65.6	80.3	88.5	89.6	95.7	98.2	98.9	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	45.2	55.9	65.6	80.3	88.5	89.6	95.7	98.2	98.9	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	45.2	55.9	65.6	80.3	88.5	89.6	95.7	98.2	98.9	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	45.2	55.9	65.6	80.3	88.5	89.6	95.7	98.2	98.9	99.7	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 932

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15951 000BRIDGE RAF UK

74-83

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	210	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING	GT9.1	EC9.1	GE8.1	GE6.0	GE4.8	GE4.0	GE3.2	GE2.4	GE2.0	GE1.6	GE1.2	GE1.0	GE0.8	GE0.5	GE0.4	GE0
20000	19.5	25.5	29.7	36.6	39.7	40.1	41.8	42.6	42.9	43.3	43.4	43.5	43.6	43.8	43.8	43.9
18000	22.6	29.6	33.5	42.4	46.3	46.8	48.6	49.6	50.0	50.3	50.5	50.6	50.7	50.9	50.9	51.0
16000	22.6	29.6	33.5	42.4	46.3	46.8	48.6	49.6	50.0	50.3	50.5	50.7	50.9	51.1	51.1	51.2
14000	22.7	29.7	33.5	42.5	46.3	46.8	48.7	49.7	50.0	50.6	50.8	50.8	50.9	51.2	51.2	51.3
12000	22.9	29.9	33.8	42.8	46.7	47.2	49.1	50.0	50.4	51.0	51.2	51.2	51.3	51.5	51.6	51.7
10000	24.6	32.0	36.1	45.7	49.7	50.2	52.2	53.2	53.5	54.2	54.3	54.4	54.5	54.7	54.8	54.9
9000	25.1	32.7	37.1	46.7	50.8	51.3	53.3	54.4	54.7	55.4	55.5	55.6	55.7	55.9	56.0	56.1
8000	27.5	35.9	40.6	51.7	56.2	56.8	58.9	60.2	60.6	61.3	61.5	61.5	61.6	61.9	61.9	62.0
7000	27.7	36.3	41.0	52.2	56.8	57.4	59.6	60.9	61.4	62.1	62.3	62.3	62.5	62.7	62.7	62.8
6000	27.9	36.6	41.3	52.6	57.2	57.7	60.0	61.3	61.8	62.5	62.7	62.7	62.9	63.1	63.1	63.2
5000	29.1	38.1	43.1	54.7	59.4	60.0	62.2	63.6	64.2	64.9	65.1	65.1	65.3	65.5	65.5	65.6
4500	30.7	39.9	45.1	57.1	62.1	62.7	65.1	66.4	67.1	67.7	67.9	67.9	68.1	68.3	68.3	68.4
4000	34.1	44.7	50.4	63.6	69.1	69.7	72.1	73.6	74.2	74.9	75.1	75.2	75.3	75.5	75.5	75.6
3500	36.7	47.8	53.8	67.5	73.3	74.0	76.5	78.1	78.7	79.4	79.6	79.7	79.8	80.0	80.1	80.1
3000	40.1	51.8	58.1	72.6	78.7	79.4	82.0	83.7	84.3	85.1	85.3	85.4	85.5	85.7	85.8	85.8
2500	41.6	52.5	58.9	73.5	79.7	80.4	83.1	84.8	85.5	86.2	86.4	86.5	86.6	86.9	86.9	87.0
2000	41.6	53.8	60.5	75.9	82.4	83.1	86.1	87.8	88.5	89.2	89.5	89.5	89.7	89.9	89.9	90.0
1800	41.8	54.0	60.7	76.3	82.9	83.6	86.6	88.4	89.1	89.8	90.1	90.1	90.3	90.5	90.5	90.6
1500	42.1	54.5	61.3	77.4	84.2	85.0	88.0	89.8	90.5	91.3	91.5	91.6	91.7	91.9	92.0	92.1
1200	42.2	54.8	61.8	78.5	85.9	86.7	90.0	92.0	92.6	93.4	93.6	93.7	93.9	94.1	94.1	94.2
1000	42.3	54.9	62.1	78.9	86.7	87.5	90.9	92.9	93.6	94.5	94.7	94.7	94.9	95.1	95.2	95.3
900	42.3	55.0	62.1	79.1	87.0	87.9	91.4	93.4	94.1	94.9	95.1	95.2	95.4	95.6	95.6	95.7
800	42.3	55.0	62.1	79.4	87.4	88.3	92.0	94.2	94.9	95.8	96.0	96.1	96.2	96.4	96.5	96.6
700	42.3	55.1	62.2	79.6	87.8	88.7	92.5	94.8	95.6	96.5	96.7	96.8	96.9	97.1	97.2	97.3
600	42.3	55.1	62.3	79.7	88.0	88.9	92.8	95.2	95.9	96.9	97.1	97.1	97.3	97.5	97.6	97.7
500	42.3	55.1	62.3	79.9	88.3	89.2	93.3	95.8	96.7	97.6	97.9	97.9	98.1	98.3	98.4	98.5
400	42.3	55.1	62.3	79.9	88.3	89.3	93.4	96.0	97.0	98.0	98.3	98.3	98.5	98.7	98.8	98.9
300	42.3	55.1	62.3	79.9	88.3	89.3	93.5	96.3	97.2	98.3	98.6	98.7	98.8	99.1	99.2	99.3
200	42.3	55.1	62.3	79.9	88.3	89.3	93.5	96.3	97.3	98.5	98.7	98.9	99.0	99.4	99.5	99.7
100	42.3	55.1	62.3	79.9	88.3	89.3	93.5	96.3	97.3	98.5	98.7	98.9	99.0	99.4	99.6	100.0
0	42.3	55.1	62.3	79.9	88.3	89.3	93.5	96.3	97.3	98.5	98.7	98.9	99.0	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7425

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75951 WOODBRIDGE RAF UK

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	OR (HUNDREDS OF METERS)															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
20000	22.4	29.7	36.5	44.7	47.3	48.6	52.5	53.6	54.2	55.8	55.8	56.0	56.7	56.1	56.2	56.2
18000	24.5	32.8	40.7	48.9	51.7	53.4	57.5	59.2	59.7	61.4	61.4	61.5	61.6	61.7	61.8	61.8
16000	24.5	32.8	40.7	48.9	51.7	53.4	57.5	59.2	59.7	61.4	61.4	61.5	61.6	61.7	61.8	61.8
14000	24.5	32.8	40.7	48.9	51.7	53.4	57.5	59.2	59.7	61.4	61.4	61.5	61.6	61.7	61.8	61.8
12000	24.5	32.8	40.7	48.9	51.7	53.4	57.5	59.2	59.7	61.4	61.4	61.5	61.6	61.7	61.8	61.8
10000	25.3	34.1	41.4	50.8	53.6	55.3	59.7	61.4	62.7	63.6	63.6	63.7	63.8	64.7	64.1	64.1
9000	26.7	35.3	42.6	52.1	54.8	56.5	61.0	62.6	63.2	64.8	64.8	65.0	65.1	65.2	65.3	65.3
8000	28.5	38.9	46.5	57.1	67.2	61.8	66.4	68.1	68.7	70.5	70.5	70.7	71.0	71.1	71.2	71.2
7000	28.9	39.7	47.3	58.4	61.5	63.2	67.7	69.5	70.2	72.0	72.0	72.2	72.4	72.5	72.6	72.6
6000	29.5	40.3	47.8	59.0	62.1	63.7	68.4	70.2	70.9	72.7	72.7	73.1	73.3	73.4	73.5	73.5
5000	32.0	42.9	50.6	61.8	65.3	67.0	71.6	73.5	74.2	76.1	76.1	76.5	76.8	76.9	77.7	77.7
4500	33.4	44.4	52.2	63.7	67.2	68.9	73.5	75.4	76.2	78.1	78.2	78.6	78.9	79.7	79.1	79.1
4000	35.3	47.7	56.7	68.0	71.7	73.4	78.4	80.4	81.2	83.4	83.4	84.0	84.2	84.3	84.4	84.4
3500	36.3	49.3	57.6	71.1	73.9	75.5	82.5	82.6	83.4	85.7	85.8	86.2	86.4	86.5	86.7	86.7
3000	36.8	50.4	59.0	71.9	75.6	77.3	82.6	84.8	85.5	87.8	87.9	88.3	88.5	88.7	88.8	88.8
2500	37.6	51.3	59.8	73.0	77.1	78.8	84.2	86.3	87.1	89.3	89.4	89.9	90.1	90.2	90.3	90.3
2000	38.0	52.1	61.3	75.1	79.8	81.4	86.9	89.0	89.8	92.0	92.1	92.5	92.8	92.9	93.7	93.7
1800	38.7	52.1	61.4	75.2	80.1	81.8	87.2	89.4	90.2	92.4	92.4	92.5	93.0	93.2	93.3	93.4
1500	38.2	52.2	61.5	76.0	81.1	82.8	88.2	90.4	91.4	93.7	93.8	94.2	94.4	94.5	94.7	94.7
1200	38.3	52.3	61.6	77.0	82.4	84.1	89.5	92.1	93.1	95.3	95.4	95.9	96.1	96.2	96.3	96.3
1000	38.5	52.6	62.1	77.5	83.5	85.2	90.7	93.4	94.4	96.7	96.8	97.2	97.4	97.6	97.7	97.7
900	38.5	52.6	62.1	77.8	84.0	85.7	91.1	93.9	94.9	97.1	97.2	97.7	97.9	98.7	98.1	98.1
800	38.5	52.6	62.1	77.9	84.1	85.8	91.2	94.0	95.0	97.2	97.3	97.8	98.0	98.1	98.2	98.2
700	38.5	52.6	62.1	78.1	84.3	86.0	91.4	94.2	95.2	97.4	97.6	98.1	98.3	98.4	98.6	98.6
600	38.5	52.6	62.1	78.1	84.4	86.1	91.5	94.4	95.8	98.1	98.2	98.8	99.7	99.1	99.2	99.2
500	38.5	52.6	62.1	78.3	84.6	86.3	91.8	94.7	96.0	98.3	98.4	99.0	99.2	99.3	99.4	99.4
400	38.5	52.6	62.1	78.3	84.6	86.3	91.9	94.9	96.2	98.6	98.7	99.2	99.4	99.6	99.7	99.7
300	38.5	52.6	62.1	78.3	84.6	86.3	91.9	94.9	96.2	98.7	98.8	99.4	99.7	99.8	99.9	99.9
200	38.5	52.6	62.1	78.3	84.6	86.3	91.9	94.9	96.2	98.7	98.8	99.4	99.7	99.8	99.9	99.9
100	38.5	52.6	62.1	78.3	84.6	86.3	91.9	94.9	96.2	98.7	98.8	99.4	99.7	99.8	100.0	100.0
0	38.5	52.6	62.1	78.3	84.6	86.3	91.9	94.9	96.2	98.7	98.8	99.4	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 892

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 075951 WOODBRIDGE RAF UK

71-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-0500

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	19.4	25.0	29.5	38.0	43.7	42.2	44.8	46.4	47.3	49.1	50.2	50.8	50.8	50.9	50.9	51.1
≥ 20000	20.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 18000	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 16000	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 14000	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 12000	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 10000	21.1	27.3	32.4	41.7	45.3	47.1	50.1	51.9	53.2	55.1	56.2	57.0	57.1	57.2	57.2	57.4
≥ 9000	22.7	28.1	33.4	42.8	46.4	48.2	51.3	53.2	54.4	56.3	57.4	58.2	58.3	58.4	58.4	58.6
≥ 8000	25.3	32.0	38.2	48.2	52.6	54.4	57.6	59.7	61.0	63.1	64.2	65.0	65.1	65.2	65.2	65.4
≥ 7000	25.6	32.5	39.7	49.7	54.2	56.1	59.3	61.4	62.6	64.8	66.0	66.7	66.9	67.0	67.0	67.2
≥ 6000	26.3	33.1	39.7	50.4	54.8	56.7	60.0	62.1	63.3	65.6	66.7	67.5	67.6	67.7	67.7	68.0
≥ 5000	27.6	34.7	41.3	52.5	57.2	59.2	62.4	64.8	66.1	68.4	69.5	70.4	70.5	70.7	70.7	71.0
≥ 4500	28.5	35.8	42.9	54.7	59.5	61.5	64.7	67.3	68.5	70.9	72.0	72.9	73.1	73.2	73.2	73.4
≥ 4000	30.6	40.0	47.6	60.8	65.9	68.0	71.2	73.7	75.1	77.4	78.5	79.4	79.5	79.8	79.8	80.0
≥ 3500	32.7	42.0	49.8	64.2	69.4	71.6	74.9	77.8	79.1	81.4	82.5	83.4	83.5	83.8	83.8	84.0
≥ 3000	33.1	43.9	52.4	67.6	73.0	75.2	78.5	81.4	82.8	85.1	86.2	87.1	87.2	87.4	87.4	87.7
≥ 2500	33.7	44.7	53.2	68.7	74.1	76.3	79.6	82.5	83.9	86.2	87.3	88.2	88.3	88.5	88.5	88.8
≥ 2000	34.7	46.2	55.2	71.1	76.5	78.8	82.2	85.2	86.5	88.9	90.0	90.9	91.0	91.2	91.2	91.4
≥ 1800	35.1	46.6	55.6	71.7	77.2	79.4	82.9	85.9	87.2	89.5	90.7	91.5	91.7	91.9	91.9	92.1
≥ 1600	35.3	46.8	56.0	72.9	78.4	81.0	84.6	87.7	89.1	91.4	92.5	93.5	93.7	93.9	93.9	94.1
≥ 1400	35.5	47.1	56.6	73.6	79.9	82.1	85.8	89.1	90.5	93.0	94.1	95.1	95.2	95.4	95.4	95.7
≥ 1200	35.6	47.2	56.7	74.2	80.5	82.8	86.4	90.0	91.4	93.9	95.0	96.0	96.1	96.3	96.3	96.6
≥ 1000	35.6	47.2	56.7	74.3	80.6	82.9	86.5	90.1	91.5	94.0	95.1	96.1	96.2	96.4	96.4	96.7
≥ 900	35.7	47.4	57.1	74.6	81.0	83.2	87.0	90.5	92.1	94.5	95.7	96.7	96.8	97.0	97.0	97.2
≥ 800	35.9	47.6	57.4	75.1	81.5	83.8	87.7	91.2	92.9	95.3	96.4	97.4	97.6	97.8	97.8	98.0
≥ 700	35.9	47.6	57.4	75.1	81.5	83.8	87.7	91.2	92.9	95.3	96.4	97.4	97.6	97.8	97.8	98.0
≥ 600	35.9	47.6	57.4	75.1	81.5	83.8	87.7	91.2	92.9	95.3	96.4	97.4	97.6	97.8	97.8	98.0
≥ 500	35.9	47.6	57.5	75.2	81.8	84.1	88.0	91.8	93.7	96.1	97.2	98.2	98.3	98.6	98.6	98.8
≥ 400	35.9	47.6	57.5	75.2	81.9	84.2	88.1	92.0	93.9	96.3	97.4	98.4	98.5	98.8	98.8	99.0
≥ 300	35.9	47.6	57.5	75.2	81.9	84.2	88.1	92.0	93.9	96.3	97.4	98.4	98.5	98.8	98.8	99.0
≥ 200	35.9	47.6	57.5	75.2	81.9	84.2	88.1	92.0	93.9	96.3	97.4	98.4	98.5	98.8	98.8	99.0
≥ 100	35.9	47.6	57.5	75.2	81.9	84.2	88.1	92.0	93.9	96.3	97.4	98.4	98.5	98.8	98.8	99.0
≥ 0	35.9	47.6	57.5	75.2	81.9	84.2	88.1	92.0	93.9	96.3	97.4	98.4	98.5	98.8	98.8	99.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

36951 WOODBRIDGE RAF UK

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

622-6800

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	27	21	21	21	21	21	21	21	21	21
NO. CEILING	GT9	EQ9	GE8	GE6	GE4	GE3	GE2	GE1	GE1	GE1	GE1	GE1	GE1	GE1	GE1	GE1
20000	14.8	21.2	24.3	31.6	35.3	36.3	38.2	40.5	41.8	43.2	43.5	43.7	43.9	44.1	44.2	44.7
18000	16.7	24.1	28.1	36.4	40.8	41.8	44.0	46.5	48.1	49.8	50.1	50.2	50.4	50.7	50.8	51.4
16000	16.7	24.2	28.2	36.5	40.9	41.9	44.1	46.7	48.1	49.9	50.2	50.3	50.6	50.8	50.9	51.6
14000	16.7	24.2	28.2	36.5	40.9	41.9	44.1	46.7	48.1	49.9	50.2	50.3	50.6	50.8	50.9	51.6
12000	16.7	24.2	28.5	37.0	41.3	42.3	44.5	47.3	48.8	50.6	50.9	51.0	51.2	51.4	51.6	52.2
10000	17.4	25.1	29.7	38.4	42.8	43.8	46.7	49.0	50.8	53.0	53.3	53.5	53.7	53.9	54.7	54.7
9000	17.9	26.1	30.7	39.4	43.8	44.8	47.1	50.2	52.1	54.3	54.7	54.8	55.2	55.3	56.7	56.7
8000	19.8	28.7	33.7	44.4	49.4	50.7	53.6	57.0	59.0	61.2	61.6	61.7	61.9	62.1	62.2	62.9
7000	20.3	29.2	34.3	45.1	50.3	51.6	54.9	58.6	60.6	62.8	63.1	63.3	63.5	63.7	63.8	64.5
6000	20.6	29.5	34.9	45.7	50.9	52.1	55.6	59.2	61.2	63.5	63.8	63.9	64.3	64.5	64.6	65.3
5000	21.7	30.8	36.3	48.0	53.7	55.0	58.5	62.1	64.1	66.6	66.9	67.2	67.4	67.6	67.7	68.4
4500	22.0	31.5	37.0	49.2	55.5	56.8	60.2	64.0	66.4	68.8	69.2	69.3	69.6	69.8	69.9	70.6
4000	23.6	33.7	39.5	53.9	60.5	62.0	65.6	69.9	72.3	74.8	75.2	75.4	75.7	75.9	76.1	76.7
3500	25.5	36.0	41.9	57.0	64.0	65.6	69.3	73.7	76.7	78.7	79.2	79.4	79.7	80.0	80.1	80.7
3000	27.1	38.1	44.4	61.1	67.1	68.7	72.5	76.9	79.5	82.1	82.5	82.7	83.1	83.3	83.4	84.1
2500	27.2	38.4	44.8	60.6	67.7	69.3	73.1	77.5	80.1	82.6	83.1	83.3	83.6	83.9	84.7	84.6
2000	28.3	39.9	46.8	63.8	71.5	73.2	77.1	81.5	84.1	86.9	87.3	87.5	87.9	88.1	88.2	88.9
1800	28.4	40.0	46.9	64.1	71.9	73.7	77.7	82.2	84.7	87.5	88.0	88.2	88.5	88.8	88.9	89.5
1600	28.7	40.4	47.4	64.9	72.8	74.6	78.7	83.2	85.7	88.5	89.0	89.2	89.5	89.8	89.9	90.5
1400	28.8	40.8	48.2	66.8	75.2	77.1	81.3	85.7	88.3	91.1	91.5	91.8	92.1	92.3	92.4	93.1
1200	28.8	40.8	48.3	67.8	76.2	78.2	82.4	87.0	89.8	92.7	93.1	93.3	93.7	93.9	94.7	94.7
1000	28.8	40.8	48.3	68.2	76.8	78.8	83.2	87.9	90.6	93.5	94.0	94.2	94.5	94.8	94.9	95.0
900	28.8	40.8	48.3	68.4	77.2	79.4	83.9	88.5	91.4	94.3	94.8	95.1	95.4	95.7	95.8	96.4
800	28.8	40.8	48.3	68.5	77.3	79.5	84.1	89.1	92.1	95.0	95.4	95.8	96.2	96.4	96.5	97.2
700	28.8	40.8	48.3	68.5	77.3	79.6	84.3	89.4	92.4	95.5	96.0	96.3	96.9	97.1	97.2	97.9
600	28.8	40.8	48.3	68.6	77.5	79.8	84.6	89.9	93.1	96.2	96.6	97.1	97.7	98.0	98.1	98.9
500	28.8	40.8	48.3	68.6	77.6	80.0	84.7	90.0	93.2	96.4	97.0	97.3	97.9	98.4	98.6	99.3
400	28.8	40.8	48.3	68.6	77.6	80.0	84.7	90.0	93.2	96.4	97.0	97.3	97.9	98.4	98.8	99.6
300	28.8	40.8	48.3	68.6	77.6	80.0	84.7	90.0	93.2	96.4	97.0	97.3	97.9	98.4	98.9	99.9
200	28.8	40.8	48.3	68.6	77.6	80.0	84.7	90.0	93.2	96.4	97.0	97.3	97.9	98.4	98.9	99.9
100	28.8	40.8	48.3	68.6	77.6	80.0	84.7	90.0	93.2	96.4	97.0	97.3	97.9	98.4	98.9	99.9
0	28.8	40.8	48.3	68.6	77.6	80.0	84.7	90.0	93.2	96.4	97.0	97.3	97.9	98.4	98.9	99.9

TOTAL NUMBER OF OBSERVATIONS 828

USAF ETAC FORM 7-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75951

WOODBRIDGE RAF UK

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

800-1100

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0.2
NO CEILING	19.6	25.3	26.8	35.3	38.3	38.3	38.9	39.8	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 20000	23.9	31.8	38.2	44.3	47.9	48.0	48.9	49.9	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 18000	24.0	32.0	34.4	44.6	48.1	48.2	49.1	50.1	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 16000	24.2	32.0	34.4	44.6	48.1	48.2	49.1	50.1	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 14000	24.0	32.0	34.4	44.6	48.1	48.2	49.1	50.1	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 12000	24.2	32.3	34.8	44.9	48.4	48.6	49.4	50.4	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 10000	25.8	34.2	37.2	47.7	51.4	51.6	52.4	53.8	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 9000	26.1	34.7	37.7	48.3	52.2	52.3	53.2	54.6	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 8000	28.9	38.2	41.8	53.9	58.3	58.7	59.8	61.2	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 7000	29.1	38.7	42.4	54.7	59.7	60.0	61.1	62.6	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 6000	29.2	38.9	42.7	54.9	60.0	60.3	61.4	62.9	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 5000	30.7	39.9	43.8	56.2	61.8	61.8	62.9	64.3	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 4500	31.1	41.2	45.1	57.7	63.0	63.3	64.6	66.1	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4000	33.4	44.6	48.6	62.3	68.0	68.6	69.9	71.6	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 3500	37.1	48.8	52.9	67.7	73.6	74.2	75.6	77.2	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 3000	39.9	52.1	56.6	72.2	78.8	79.4	80.8	82.4	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2500	40.4	52.8	57.4	73.9	80.6	81.2	82.7	84.3	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2000	42.4	54.4	59.7	77.2	84.3	85.0	86.6	88.2	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800	42.4	54.9	60.2	78.2	85.3	86.0	87.6	89.3	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	43.9	56.9	62.4	80.7	87.8	88.6	90.3	92.1	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	44.2	57.2	63.1	82.3	89.7	91.0	93.2	95.1	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	44.2	57.2	63.1	82.8	90.2	91.7	94.7	95.9	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	44.2	57.2	63.1	82.9	90.3	91.8	94.2	96.1	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	44.2	57.3	63.2	83.2	91.0	92.7	95.1	97.0	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	44.2	57.3	63.2	83.6	91.6	93.2	95.9	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	44.2	57.3	63.2	83.8	91.8	93.6	96.2	98.1	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 500	44.2	57.3	63.2	83.8	91.9	93.7	96.3	98.2	98.8	99.3	99.3	99.4	99.4	99.6	99.6	99.6
≥ 400	44.2	57.3	63.2	83.8	91.9	93.7	96.3	98.2	98.9	99.4	99.4	99.6	99.6	99.8	99.9	99.9
≥ 300	44.2	57.3	63.2	83.8	91.9	93.7	96.3	98.2	98.9	99.4	99.4	99.6	99.6	99.8	99.9	99.9
≥ 200	44.2	57.3	63.2	83.8	91.9	93.7	96.3	98.2	98.9	99.4	99.4	99.6	99.6	99.8	99.9	99.9
≥ 100	44.2	57.3	63.2	83.8	91.9	93.7	96.3	98.2	98.9	99.4	99.4	99.6	99.6	99.8	99.9	99.9
≥ 0	44.2	57.3	63.2	83.8	92.0	93.8	96.4	98.3	99.0	99.6	99.6	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 800

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35951 WOODBRIDGE RAF UK

73-87

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .02	≥ .01
NO CEILING	19.6	26.0	28.3	36.1	38.1	38.2	38.9	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 20000	26.7	35.7	38.7	47.7	50.3	50.4	51.1	51.4	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6
≥ 18000	27.1	36.1	39.1	48.1	50.8	50.9	51.6	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0
≥ 16000	27.1	36.1	39.1	48.1	50.8	50.9	51.6	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0
≥ 14000	27.1	36.1	39.1	48.1	50.8	50.9	51.6	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0
≥ 12000	27.6	36.6	39.6	48.6	51.2	51.3	52.0	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4
≥ 10000	28.4	37.4	40.8	50.1	53.2	53.3	54.0	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4
≥ 9000	28.7	37.9	41.2	50.8	54.1	54.2	54.9	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3
≥ 8000	30.0	39.4	42.9	53.2	56.7	56.8	57.4	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9
≥ 7000	30.6	40.0	43.4	54.0	57.4	57.6	58.2	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7
≥ 6000	30.9	40.4	43.9	54.4	57.9	58.0	58.7	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1
≥ 5000	32.6	42.2	45.9	56.6	60.1	60.2	60.9	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
≥ 4500	34.0	43.8	47.4	58.2	61.9	62.0	62.7	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1
≥ 4000	38.8	50.2	54.7	66.2	69.9	70.0	70.7	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1
≥ 3500	43.0	55.2	60.1	72.2	76.3	76.4	77.1	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3000	48.0	61.0	66.2	79.8	84.2	84.4	85.1	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	48.7	61.9	67.3	81.6	86.0	86.2	86.9	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	50.2	64.6	70.4	86.4	91.4	91.8	92.4	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1800	50.9	64.8	70.7	87.0	92.0	92.3	93.0	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	51.1	66.1	72.0	88.4	93.4	93.8	94.4	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	51.6	66.7	72.6	89.7	95.1	95.4	96.1	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	51.6	66.9	72.9	90.6	96.1	96.4	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	51.6	66.9	72.9	90.6	96.1	96.4	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	51.6	66.9	72.9	90.6	96.1	96.4	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	51.6	66.9	72.9	90.6	96.1	96.4	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	51.6	66.9	72.9	90.6	96.1	96.4	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	51.6	66.9	72.9	90.6	96.1	96.4	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	51.6	66.9	72.9	90.6	96.1	96.4	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	51.6	66.9	72.9	90.6	96.1	96.4	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	51.6	66.9	72.9	90.6	96.1	96.4	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 100	51.6	66.9	72.9	90.6	96.1	96.4	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 0	51.6	66.9	72.9	90.6	96.1	96.4	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75951

WOODBRIDGE RAF UK

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15-2-1700

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
OR (HUNDREDS OF METERS)																
NO CEILING	19.4	24.7	27.9	36.3	39.3	38.7	39.6	39.7	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 20000	24.3	31.4	36.3	46.4	49.3	49.4	50.4	50.7	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 18000	24.3	31.7	36.6	46.4	49.3	49.7	50.9	50.9	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 16000	24.8	31.7	36.6	46.4	49.3	49.7	50.8	50.9	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 14000	24.8	31.7	36.6	46.4	49.3	49.7	50.9	50.9	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 12000	24.8	31.7	36.6	46.4	49.3	49.7	50.9	50.9	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 10000	27.7	35.2	40.6	51.9	54.9	55.2	56.3	56.4	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 9000	28.4	36.3	41.7	53.6	56.7	57.0	58.1	58.2	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 8000	33.1	41.9	47.7	60.4	64.0	64.3	65.6	65.7	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 7000	34.2	43.6	49.4	62.4	66.0	66.3	67.6	67.7	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 6000	34.3	43.8	49.9	62.9	66.4	66.9	68.1	68.2	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 5000	35.9	45.6	52.3	65.0	68.7	69.1	70.3	70.4	70.7	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4500	37.2	47.2	53.9	67.2	71.6	72.0	73.2	73.3	73.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4000	41.6	53.1	60.3	74.1	78.4	78.9	80.1	80.3	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3500	44.3	57.2	65.1	79.6	83.9	84.3	85.9	86.1	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3000	47.7	60.7	68.8	83.3	87.9	88.3	89.9	90.1	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500	48.6	62.3	70.4	85.1	89.8	90.2	91.8	92.0	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	49.2	63.6	71.9	88.2	93.2	93.7	95.2	95.4	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	49.7	64.2	72.7	89.7	95.0	95.4	97.0	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1600	49.7	64.2	72.7	89.7	95.0	95.4	97.0	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1400	49.7	64.2	72.7	89.7	95.0	95.4	97.0	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	49.7	64.2	72.7	89.7	95.0	95.4	97.0	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	49.7	64.2	72.7	89.7	95.0	95.4	97.0	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	49.7	64.2	72.7	89.7	95.0	95.4	97.0	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	49.7	64.2	72.7	89.7	95.0	95.4	97.0	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	49.7	64.2	72.7	89.7	95.0	95.4	97.0	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	49.7	64.2	72.7	89.7	95.0	95.4	97.0	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	49.7	64.2	72.7	89.7	95.0	95.4	97.0	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	49.7	64.2	72.7	89.7	95.0	95.4	97.0	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	49.7	64.2	72.7	89.7	95.0	95.4	97.0	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	49.7	64.2	72.7	89.7	95.0	95.4	97.0	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	49.7	64.2	72.7	89.7	95.0	95.4	97.0	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 0	49.7	64.2	72.7	89.7	95.0	95.4	97.0	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35951

WOODBRIDGE RAF UK

73-87

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13.0-0.00

CEILING FEET	VISIBILITY: STATUTE MILES															
	OR (HUNDREDS OF METERS)															
	≥10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO FCEILING	21.4	27.6	31.5	37.9	41.3	41.9	43.1	43.8	44.2	44.7	45.1	45.0	45.7	45.7	45.7	45.0
≥ 20000	24.4	32.5	37.3	45.1	48.9	49.8	51.1	51.9	52.3	52.8	53.1	53.1	53.1	53.1	53.1	53.1
≥ 18000	24.4	32.5	37.4	45.2	49.0	49.9	51.2	52.0	52.4	52.9	53.2	53.2	53.2	53.2	53.2	53.2
≥ 16000	24.4	32.5	37.4	45.2	49.0	49.9	51.2	52.0	52.4	52.9	53.2	53.2	53.2	53.2	53.2	53.2
≥ 14000	24.4	32.5	37.4	45.2	49.0	49.9	51.2	52.0	52.4	52.9	53.2	53.2	53.2	53.2	53.2	53.2
≥ 12000	24.7	33.0	38.1	46.3	52.2	51.1	52.4	53.2	53.7	54.1	54.5	54.5	54.5	54.5	54.5	54.5
≥ 10000	26.8	35.4	41.0	49.6	53.7	54.6	56.2	57.0	57.5	57.9	58.2	58.2	58.2	58.2	58.2	58.2
≥ 9000	27.6	36.4	42.1	51.7	55.9	56.9	58.6	59.5	59.9	60.4	60.7	60.7	60.7	60.7	60.7	60.7
≥ 8000	33.7	41.4	47.6	58.5	63.6	64.6	66.4	67.3	67.9	68.5	68.8	68.8	68.8	69.0	69.0	69.0
≥ 7000	31.2	42.3	48.9	60.4	65.5	66.5	68.3	69.2	69.8	70.4	70.7	70.7	70.7	70.9	70.9	70.9
≥ 6000	31.4	42.5	49.2	60.9	66.1	67.1	69.0	69.9	70.6	71.3	71.6	71.6	71.6	71.9	71.9	71.9
≥ 5000	34.2	45.7	53.0	65.5	71.0	72.0	73.9	74.8	75.5	76.2	76.5	76.5	76.5	76.7	76.7	76.7
≥ 4500	35.5	47.1	54.8	67.5	73.3	74.5	76.5	77.4	78.1	78.7	79.1	79.1	79.1	79.3	79.3	79.3
≥ 4000	38.3	50.7	59.1	72.9	79.3	80.5	82.5	83.6	84.4	85.1	85.4	85.4	85.4	85.6	85.6	85.6
≥ 3500	40.5	54.3	63.1	77.2	83.6	84.9	86.9	88.0	88.8	89.4	89.8	89.8	89.8	90.0	90.0	90.0
≥ 3000	41.9	56.3	65.6	80.1	86.7	88.0	90.2	91.3	92.2	92.9	93.2	93.2	93.2	93.4	93.4	93.4
≥ 2500	41.9	56.6	65.8	80.5	87.4	88.6	90.9	92.0	92.9	93.5	93.9	93.9	93.9	94.1	94.1	94.1
≥ 2000	42.7	57.7	67.1	82.2	89.1	90.3	92.5	93.8	94.7	95.3	95.7	95.7	95.7	95.9	95.9	95.9
≥ 1800	42.7	57.7	67.1	82.4	89.3	90.5	92.8	94.0	94.9	95.5	95.9	95.9	95.9	96.1	96.1	96.1
≥ 1600	42.7	57.8	67.5	82.7	89.6	90.9	93.1	94.3	95.3	96.0	96.3	96.3	96.3	96.5	96.5	96.5
≥ 1400	42.7	57.9	67.7	83.5	90.5	91.8	94.1	95.3	96.3	97.0	97.3	97.3	97.3	97.6	97.6	97.6
≥ 1200	42.7	57.9	67.7	83.5	90.5	91.8	94.2	95.4	96.4	97.1	97.4	97.4	97.4	97.7	97.7	97.7
≥ 1000	42.7	57.9	67.7	83.5	90.5	91.8	94.2	95.4	96.4	97.1	97.4	97.4	97.4	97.7	97.7	97.7
≥ 900	42.7	57.9	67.7	83.5	90.5	91.8	94.2	95.4	96.4	97.1	97.4	97.4	97.4	97.7	97.7	97.7
≥ 800	42.7	57.9	67.7	83.5	90.5	91.8	94.2	95.4	96.4	97.1	97.4	97.4	97.4	97.7	97.7	97.7
≥ 700	42.7	58.0	67.8	83.9	90.9	92.1	94.5	95.9	96.9	97.7	98.0	98.2	98.3	98.6	98.6	98.6
≥ 600	42.7	58.0	67.8	83.9	90.9	92.1	94.5	95.9	96.9	97.7	98.0	98.2	98.3	98.6	98.6	98.6
≥ 500	42.7	58.0	67.8	83.9	91.1	92.3	94.9	96.4	97.7	98.4	98.8	99.0	99.1	99.3	99.3	99.3
≥ 400	42.7	58.0	67.8	83.9	91.1	92.3	94.9	96.4	97.7	98.4	98.8	99.0	99.1	99.3	99.3	99.3
≥ 300	42.7	58.0	67.8	83.9	91.1	92.3	94.9	96.4	97.7	98.4	98.8	99.0	99.1	99.3	99.3	99.3
≥ 200	42.7	58.0	67.8	83.9	91.1	92.3	94.9	96.4	97.7	98.4	98.8	99.0	99.1	99.3	99.3	99.3
≥ 100	42.7	58.0	67.8	83.9	91.1	92.3	94.9	96.4	97.7	98.4	98.8	99.0	99.1	99.3	99.3	99.3
≥ 0	42.7	58.0	67.8	83.9	91.1	92.3	94.9	96.4	97.7	98.4	98.8	99.0	99.1	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 898

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35051 WOODBRIDGE RAF, UK

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

110-2300

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
≥20000	28.0	35.3	40.2	46.4	49.9	51.5	53.8	54.4	54.6	55.5	55.6	55.7	55.8	55.9	55.9	55.9
≥18000	30.5	38.4	43.4	50.3	54.1	55.8	58.5	59.0	59.3	60.2	60.3	60.4	60.5	60.6	60.6	60.6
≥16000	30.5	38.4	43.4	50.3	54.1	55.8	58.5	59.0	59.3	60.2	60.3	60.4	60.5	60.6	60.6	60.6
≥14000	30.5	38.4	43.4	50.3	54.1	55.8	58.5	59.0	59.3	60.2	60.3	60.4	60.5	60.6	60.6	60.6
≥12000	30.5	38.4	43.4	50.3	54.1	55.8	58.5	59.0	59.3	60.2	60.3	60.4	60.5	60.6	60.6	60.6
≥10000	31.3	39.8	45.0	52.5	56.7	58.5	61.4	61.9	62.2	63.1	63.2	63.3	63.4	63.5	63.5	63.5
≥9000	31.3	39.8	45.0	52.5	56.7	58.5	61.4	61.9	62.2	63.1	63.2	63.3	63.4	63.5	63.5	63.5
≥8000	31.3	39.8	45.0	52.5	56.7	58.5	61.4	61.9	62.2	63.1	63.2	63.3	63.4	63.5	63.5	63.5
≥7000	35.4	45.4	51.1	60.6	65.7	67.6	70.9	71.4	71.7	72.8	72.9	73.1	73.2	73.3	73.3	73.3
≥6000	35.4	45.4	51.1	60.6	65.7	67.6	70.9	71.4	71.7	72.8	72.9	73.1	73.2	73.3	73.3	73.3
≥5000	36.0	46.4	52.1	62.2	67.4	69.4	72.5	73.2	73.4	74.6	74.7	74.9	75.0	75.1	75.1	75.1
≥4500	39.1	50.3	56.5	67.2	72.9	75.2	78.5	79.6	79.9	81.0	81.4	81.6	81.7	81.8	81.8	81.8
≥4000	41.0	53.1	59.7	71.1	77.0	79.4	82.6	83.7	84.0	85.5	85.8	86.0	86.2	86.3	86.3	86.3
≥3500	41.5	54.4	61.2	73.0	79.1	81.6	84.9	86.0	86.4	87.8	88.2	88.4	88.5	88.6	88.6	88.6
≥3000	42.2	55.8	63.3	75.3	81.5	83.9	87.4	88.5	88.8	90.3	90.6	90.8	91.0	91.1	91.1	91.1
≥2500	42.7	56.4	64.0	76.0	82.1	84.6	88.1	89.3	89.6	91.1	91.4	91.6	91.7	91.9	91.9	91.9
≥2000	43.4	57.3	65.1	77.7	84.2	86.7	90.2	91.9	92.2	93.6	94.0	94.2	94.3	94.4	94.4	94.4
≥1800	43.4	57.3	65.1	77.7	84.2	86.7	90.2	91.9	92.2	93.6	94.0	94.2	94.3	94.4	94.4	94.4
≥1500	43.4	57.3	65.1	77.7	84.2	86.7	90.2	91.9	92.2	93.6	94.0	94.2	94.3	94.4	94.4	94.4
≥1200	43.4	57.3	65.1	77.7	84.2	86.7	90.2	91.9	92.2	93.6	94.0	94.2	94.3	94.4	94.4	94.4
≥1000	43.5	57.4	65.5	79.7	86.6	89.6	93.6	95.4	95.9	97.3	97.7	97.9	98.0	98.1	98.1	98.1
≥900	43.6	57.6	65.7	79.9	86.8	89.8	93.9	95.6	96.1	97.5	97.9	98.1	98.2	98.3	98.3	98.3
≥800	43.6	57.6	65.7	79.9	86.8	89.8	93.9	95.6	96.1	97.5	97.9	98.1	98.2	98.3	98.3	98.3
≥700	43.6	57.6	65.7	79.9	86.8	89.8	93.9	95.6	96.1	97.5	97.9	98.1	98.2	98.3	98.3	98.3
≥600	43.6	57.6	65.7	79.9	86.8	89.8	93.9	95.6	96.1	97.5	97.9	98.1	98.2	98.3	98.3	98.3
≥500	43.6	57.6	65.7	79.9	86.8	89.8	93.9	95.6	96.1	97.5	97.9	98.1	98.2	98.3	98.3	98.3
≥400	43.6	57.6	65.7	79.9	86.8	89.8	93.9	95.6	96.1	97.5	97.9	98.1	98.2	98.3	98.3	98.3
≥300	43.6	57.6	65.7	79.9	86.8	89.8	93.9	95.6	96.1	97.5	97.9	98.1	98.2	98.3	98.3	98.3
≥200	43.6	57.6	65.7	79.9	86.8	89.8	93.9	95.6	96.1	97.5	97.9	98.1	98.2	98.3	98.3	98.3
≥100	43.6	57.6	65.7	79.9	86.8	89.8	93.9	95.6	96.1	97.5	97.9	98.1	98.2	98.3	98.3	98.3
≥0	43.6	57.6	65.7	79.9	86.8	89.8	93.9	95.6	96.1	97.5	97.9	98.1	98.2	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 896

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75951 0000RIDGE RAF UK

73-80

CEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
	GE92	GE92	GE87	GE40	GE48	GE40	GE32	GE24	GE20	GE16	GE12	GE12	GE03	GE05	GE04	GE01
NO CEILING	27.6	26.8	37.6	38.3	41.2	41.9	43.7	44.7	45.1	46.0	46.2	46.3	46.4	46.5	46.5	46.6
≥ 20000	24.3	31.7	36.2	45.3	48.4	49.3	51.7	52.4	52.9	53.8	54.7	54.2	54.2	54.3	54.3	54.5
≥ 18000	24.3	31.8	36.3	45.1	48.5	49.5	51.4	52.5	53.7	53.9	54.2	54.3	54.4	54.5	54.5	54.6
≥ 16000	24.3	31.8	36.3	45.1	48.5	49.5	51.4	52.5	53.7	53.9	54.2	54.3	54.4	54.5	54.5	54.6
≥ 14000	24.7	31.8	36.4	45.1	48.6	49.5	51.5	52.6	53.1	54.0	54.3	54.4	54.5	54.5	54.6	54.7
≥ 12000	24.4	32.2	36.8	45.8	49.2	50.2	52.2	53.4	53.9	54.8	55.0	55.2	55.2	55.3	55.3	55.5
≥ 10000	25.5	33.6	38.5	47.8	51.4	52.4	54.5	55.7	56.3	57.3	57.5	57.7	57.7	57.8	57.8	58.0
≥ 9000	26.1	34.4	39.4	49.0	52.7	53.7	55.9	57.1	57.7	58.7	58.9	59.1	59.1	59.2	59.2	59.3
≥ 8000	28.9	38.3	43.7	54.5	58.8	59.9	62.2	63.5	64.7	65.2	65.5	65.7	65.7	65.8	65.9	66.7
≥ 7000	29.5	39.2	44.6	55.8	60.2	61.2	63.6	65.0	65.7	66.7	67.7	67.1	67.2	67.3	67.4	67.5
≥ 6000	29.8	39.4	45.7	56.3	61.7	61.8	64.2	65.6	66.3	67.4	67.6	67.8	67.7	68.7	68.7	68.2
≥ 5000	31.5	41.4	47.3	58.9	63.5	64.6	67.1	68.5	69.2	70.3	70.6	70.8	70.9	71.7	71.1	71.2
≥ 4500	32.6	42.7	48.7	61.7	65.6	66.8	69.2	71.8	71.5	72.7	72.9	73.2	73.3	73.4	73.4	73.5
≥ 4000	35.3	46.6	53.2	66.2	71.3	72.6	75.1	76.8	77.6	78.8	79.1	79.3	79.4	79.5	79.6	79.7
≥ 3500	37.6	49.7	56.5	70.1	75.5	76.8	79.4	81.1	81.9	83.2	83.5	83.7	83.8	83.9	83.9	84.7
≥ 3000	39.6	52.3	59.5	73.8	79.4	80.7	83.4	85.1	86.7	87.2	87.5	87.7	87.9	87.9	88.7	88.1
≥ 2500	40.1	53.3	61.3	74.9	80.6	81.9	84.6	86.4	87.7	88.5	88.8	89.0	89.1	89.2	89.7	89.4
≥ 2000	41.1	54.5	62.2	77.7	83.7	85.1	87.8	89.7	91.5	91.8	92.1	92.3	92.4	92.5	92.6	92.7
≥ 1800	41.2	54.6	62.4	78.1	84.2	85.5	88.3	90.2	91.7	92.3	92.6	92.9	92.9	93.1	93.1	93.2
≥ 1600	41.6	55.2	63.1	79.0	85.2	86.7	89.5	91.4	92.3	93.6	93.9	94.1	94.2	94.4	94.4	94.5
≥ 1400	41.8	55.4	63.5	80.1	86.6	88.1	91.1	93.2	94.1	95.4	95.7	95.9	96.0	96.1	96.1	96.3
≥ 1200	41.8	55.5	63.6	81.7	87.3	88.9	91.9	94.1	95.0	96.3	96.6	96.9	97.1	97.1	97.1	97.2
≥ 1000	41.8	55.5	63.7	81.8	87.5	89.7	92.1	94.2	95.2	96.5	96.8	97.0	97.1	97.2	97.3	97.4
≥ 900	41.9	55.6	63.7	81.0	87.8	89.4	92.5	94.6	95.5	96.9	97.2	97.4	97.5	97.6	97.6	97.8
≥ 800	41.9	55.7	63.8	81.3	88.2	89.8	93.0	95.1	96.1	97.5	97.8	98.1	98.3	98.4	98.4	98.5
≥ 700	41.9	55.7	63.8	81.3	88.2	89.8	93.0	95.1	96.1	97.5	97.8	98.1	98.3	98.4	98.4	98.5
≥ 600	41.9	55.7	63.8	81.4	88.4	90.0	93.3	95.7	96.9	98.4	98.7	99.0	99.3	99.4	99.4	99.6
≥ 500	41.9	55.7	63.8	81.4	88.4	90.0	93.3	95.7	96.9	98.4	98.7	99.0	99.3	99.4	99.4	99.6
≥ 400	41.9	55.7	63.8	81.4	88.4	90.0	93.3	95.7	96.9	98.4	98.7	99.0	99.3	99.4	99.4	99.6
≥ 300	41.9	55.7	63.8	81.4	88.4	90.0	93.3	95.7	96.9	98.4	98.7	99.0	99.3	99.4	99.4	99.6
≥ 200	41.9	55.7	63.8	81.4	88.4	90.0	93.3	95.7	96.9	98.4	98.7	99.0	99.3	99.4	99.4	99.6
≥ 100	41.9	55.7	63.8	81.4	88.4	90.0	93.3	95.7	96.9	98.4	98.7	99.0	99.3	99.4	99.4	99.6
≥ 0	41.9	55.7	63.8	81.4	88.4	90.0	93.3	95.7	96.9	98.4	98.7	99.0	99.3	99.4	99.4	99.6

TOTAL NUMBER OF OBSERVATIONS 7190

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75251 000BRIDGE RAF UK

72-82

003

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0000

CEILING FEET	VISIBILITY STATUTE MILES															
	20	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	13.8	23.4	26.3	33.6	35.5	35.7	38.7	39.9	41.4	41.4	41.5	41.7	42.7	42.7	42.7	42.7
20000	19.9	25.0	28.3	35.9	38.0	38.4	40.8	42.8	43.3	44.4	44.5	44.7	45.7	45.4	45.6	45.6
18000	19.9	25.0	28.3	35.9	38.0	38.4	40.8	42.8	43.3	44.4	44.5	44.7	45.7	45.4	45.6	45.6
16000	19.9	25.0	28.3	35.9	38.0	38.4	40.8	42.8	43.3	44.4	44.5	44.7	45.7	45.4	45.6	45.6
14000	19.9	25.0	28.3	35.9	38.0	38.4	40.8	42.8	43.3	44.4	44.5	44.7	45.7	45.4	45.6	45.6
12000	19.9	25.0	28.3	35.9	38.0	38.4	40.8	42.8	43.3	44.4	44.5	44.7	45.7	45.4	45.6	45.6
10000	21.0	26.2	29.8	39.1	40.4	40.8	43.3	45.3	45.8	46.9	47.1	47.3	47.5	48.1	48.2	48.2
8000	21.3	26.8	30.5	39.9	41.2	41.6	44.1	46.0	46.6	47.6	47.7	48.1	48.4	48.7	48.8	48.8
6000	24.7	31.3	35.3	44.9	47.4	47.8	50.7	52.6	53.1	54.3	54.4	54.7	55.1	55.4	55.6	55.6
4000	25.2	32.3	36.7	46.4	48.9	49.4	52.2	54.1	54.6	55.8	55.9	56.3	56.6	56.9	57.1	57.1
2000	25.5	32.8	37.2	47.3	49.6	50.0	52.8	54.7	55.3	56.5	56.6	56.9	57.2	57.5	57.8	57.8
1000	26.3	33.5	38.5	48.3	51.1	51.5	54.6	56.7	57.2	58.4	58.5	58.8	59.2	59.5	59.7	59.7
500	26.9	34.4	39.4	49.2	52.0	52.5	55.6	57.7	58.2	59.4	59.5	59.8	60.1	60.4	60.7	60.7
200	31.4	38.9	45.2	56.7	60.1	60.7	63.8	65.8	66.4	67.6	67.7	68.3	68.6	69.0	69.2	69.2
100	31.5	40.5	47.3	59.4	63.5	64.0	67.5	69.5	70.7	71.3	71.4	72.1	72.4	72.7	73.0	73.0
50	33.1	42.9	50.5	64.1	68.6	69.3	73.1	75.4	76.3	77.9	78.1	78.7	79.2	79.5	79.8	79.8
25	33.4	43.3	51.0	64.8	69.6	70.3	74.4	76.8	77.7	79.3	79.4	80.1	80.4	80.7	81.0	81.0
10	34.2	44.6	52.6	67.7	73.3	74.0	78.6	81.4	82.2	84.2	84.3	84.9	85.2	85.6	85.8	85.8
5	34.4	44.8	52.9	68.0	73.6	74.4	79.2	81.8	82.7	84.6	84.7	85.3	85.7	86.1	86.2	86.2
2	34.6	45.5	53.7	71.2	75.8	76.5	81.1	84.1	84.9	86.9	87.0	87.6	87.9	88.3	88.5	88.5
1	35.0	46.7	54.2	71.1	77.3	78.2	83.5	86.5	87.4	89.3	89.4	90.1	90.4	90.7	90.9	90.9
0.5	35.5	46.4	54.7	72.0	79.9	79.8	85.3	88.4	89.2	91.2	91.3	91.9	92.2	92.6	92.8	92.8
0.2	35.5	46.4	55.0	72.5	79.4	80.4	85.9	89.0	89.9	91.9	92.0	92.7	93.0	93.3	93.5	93.5
0.1	35.6	46.7	55.2	73.1	80.2	81.1	86.9	90.0	91.3	93.3	93.4	94.1	94.4	94.7	94.9	94.9
0.05	35.6	46.7	55.2	73.1	80.2	81.1	87.1	90.2	91.5	93.5	93.6	94.3	94.6	94.9	95.2	95.2
0.02	35.6	46.7	55.2	73.2	80.4	81.4	87.3	90.6	91.9	94.2	94.3	94.9	95.3	95.6	95.8	95.8
0.01	35.6	46.7	55.2	73.9	81.4	82.3	88.3	91.6	93.7	95.3	95.4	96.0	96.3	96.7	96.9	96.9
0.005	35.6	46.7	55.2	73.9	81.4	82.3	88.3	91.7	93.2	95.5	95.6	96.2	96.6	96.9	97.1	97.1
0.002	35.6	46.7	55.2	73.9	81.4	82.3	88.3	91.8	93.3	95.7	95.9	97.0	97.3	97.7	98.0	98.0
0.001	35.6	46.7	55.2	73.9	81.4	82.3	88.3	91.8	93.3	95.8	96.0	97.2	97.5	98.1	98.4	98.4
0.0005	35.6	46.7	55.2	73.9	81.4	82.3	88.3	91.8	93.3	95.8	96.1	97.3	97.6	98.2	98.5	98.5
0.0002	35.6	46.7	55.2	73.9	81.4	82.3	88.3	91.8	93.3	95.8	96.1	97.3	97.6	98.2	98.5	98.5
0.0001	35.6	46.7	55.2	73.9	81.4	82.3	88.3	91.8	93.3	95.8	96.1	97.3	97.6	98.2	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS 428

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75951 WOODBRIDGE RAF UK

73-87

061

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

630-6400

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																							
	≥10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4
≥20000	9.8	15.2	17.1	21.0	23.5	23.7	25.2	27.1	28.4	29.4	29.9	30.4	30.5	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
18000	17.9	16.5	19.1	25.1	27.6	28.3	30.1	32.4	33.5	35.6	36.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
16000	11.8	16.7	19.3	25.4	27.9	28.6	30.5	32.7	33.8	36.0	36.7	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
14000	11.8	16.7	19.4	25.5	28.0	28.7	30.6	32.6	33.9	36.1	36.8	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
12000	10.9	16.8	19.6	25.7	28.2	29.0	30.9	33.2	34.2	36.4	37.1	37.8	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
10000	11.4	18.1	21.1	27.6	30.2	31.1	33.2	35.6	36.9	39.1	39.8	40.5	40.6	40.8	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
8000	11.6	18.4	21.5	28.2	30.9	31.8	33.9	36.4	37.6	39.8	40.6	41.2	41.3	41.5	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
6000	13.3	21.3	25.5	34.4	37.6	38.4	41.1	44.0	45.2	47.9	48.9	49.5	49.6	50.7	50.7	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
4000	13.9	22.3	26.5	35.8	39.0	39.8	42.7	45.7	47.3	49.7	50.6	51.3	51.5	52.0	52.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
2500	15.7	24.7	29.7	40.0	43.3	44.1	47.1	50.4	51.8	54.5	55.3	56.1	56.2	56.7	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
1500	16.3	25.3	30.7	41.3	44.7	45.6	48.8	52.0	53.7	56.4	57.3	58.0	58.1	58.7	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
1000	18.2	28.5	34.4	46.4	50.3	51.3	54.6	58.0	59.7	62.4	63.4	64.2	64.3	64.8	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
500	18.8	30.5	37.1	50.7	54.9	56.1	59.3	63.2	64.9	67.6	68.6	69.3	69.4	70.0	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
200	20.7	32.7	40.3	54.7	59.2	60.5	64.7	69.6	72.7	73.7	74.6	74.8	75.3	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
100	21.0	33.4	41.7	56.1	61.5	62.9	66.9	71.6	72.3	75.3	76.4	77.3	77.5	78.0	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
50	21.7	34.3	42.4	58.6	64.2	65.9	70.0	74.2	75.9	78.9	80.1	80.9	81.2	81.7	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
25	21.9	34.4	42.5	58.8	64.5	66.1	70.4	74.7	76.4	79.4	80.6	81.5	81.7	82.2	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
15	22.1	34.7	42.7	59.6	65.6	67.4	71.8	76.6	78.5	81.7	82.9	83.7	84.0	84.5	85.0	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
10	22.4	35.2	43.5	61.1	67.7	69.6	74.3	79.3	81.5	84.8	86.0	86.9	87.1	87.6	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
5	22.6	35.4	43.8	62.4	69.5	71.5	76.2	81.5	83.6	87.1	88.3	89.1	89.3	89.9	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
2	22.6	35.4	43.8	62.5	69.8	71.7	76.5	82.0	84.2	87.8	89.0	89.9	90.1	90.6	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1	22.7	35.5	43.9	63.0	70.2	72.2	77.4	83.0	85.3	88.9	90.1	91.0	91.2	91.7	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
0.5	22.9	35.7	44.3	63.8	71.3	73.3	78.7	84.4	86.7	90.3	91.5	92.5	92.7	93.2	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
0.2	22.9	35.7	44.3	63.9	71.4	73.4	78.8	84.6	86.9	90.7	91.9	92.9	93.1	93.6	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
0.1	22.9	35.7	44.3	64.2	71.8	74.7	79.5	85.8	88.2	92.0	93.2	94.2	94.4	94.9	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
0.05	22.9	35.7	44.3	64.2	71.9	74.1	79.7	86.1	88.6	92.6	93.8	94.7	94.9	95.5	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
0.02	22.9	35.7	44.3	64.2	72.0	74.2	79.8	86.2	88.8	93.0	94.3	95.3	95.5	96.0	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
0.01	22.9	35.7	44.3	64.2	72.0	74.2	79.8	86.3	89.1	93.4	94.7	95.8	96.1	96.8	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
0.005	22.9	35.7	44.3	64.2	72.0	74.2	79.8	86.3	89.1	93.4	94.7	95.8	96.1	96.8	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1951 WOODBRIDGE RAF UK

73-87

257

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

985-1100

VISIBILITY FEET	VISIBILITY STATUTE MILES															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
CEILING FEET	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	1000
10000	13.9	18.7	19.7	24.6	26.1	26.5	27.7	29.5	29.7	29.7	29.7	29.7	29.9	30.7	30.0	30.0
9000	13.4	24.3	25.8	33.1	35.8	36.2	37.6	47.2	47.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8
8000	16.9	24.9	26.5	33.8	36.5	36.9	38.3	40.9	41.2	41.4	41.4	41.4	41.6	41.7	41.7	41.7
7000	18.9	24.9	26.5	33.8	36.5	36.9	38.3	40.9	41.2	41.4	41.4	41.4	41.6	41.7	41.7	41.7
6000	18.9	24.9	26.5	33.8	36.5	36.9	38.3	40.9	41.2	41.4	41.4	41.4	41.6	41.7	41.7	41.7
5000	19.0	25.4	27.7	34.4	37.1	37.5	39.9	41.5	41.8	42.7	42.7	42.7	42.7	42.7	42.7	42.7
4000	20.5	27.3	28.9	36.9	47.0	40.5	41.9	44.8	45.2	45.5	45.5	45.5	45.7	45.8	45.8	45.8
3000	21.5	26.3	30.7	38.1	41.5	42.0	43.5	46.5	46.8	47.1	47.1	47.1	47.3	47.4	47.4	47.4
2000	24.1	31.9	34.2	43.8	47.5	48.1	49.9	53.1	53.4	53.9	54.7	54.0	54.3	54.4	54.4	54.4
1000	24.6	33.3	35.9	45.9	49.8	50.4	52.4	55.6	56.7	56.5	56.6	56.6	56.9	57.0	57.0	57.0
800	24.6	33.5	36.1	46.1	51.1	50.8	52.7	55.9	56.3	56.8	56.9	56.9	57.7	57.3	57.3	57.3
700	25.8	35.6	38.3	48.9	53.1	53.9	55.9	59.2	59.7	60.1	60.2	60.2	60.5	60.6	60.6	60.6
600	26.1	36.3	39.2	50.0	54.4	55.2	57.2	60.5	61.1	61.5	61.6	61.6	61.6	62.7	62.7	62.7
500	27.5	38.7	42.3	54.4	59.7	60.0	62.7	66.0	66.6	67.0	67.1	67.1	67.4	67.5	67.5	67.5
400	23.6	41.3	44.7	58.2	63.1	64.1	67.7	70.5	71.1	71.5	71.6	71.6	71.9	72.7	72.2	72.2
300	30.7	44.7	48.4	62.9	68.2	69.1	72.3	76.2	76.8	77.3	77.4	77.5	77.9	78.1	78.1	78.1
200	30.3	44.7	49.1	64.4	70.7	71.2	74.3	78.3	78.8	79.4	79.5	79.6	79.9	80.1	80.1	80.1
100	31.6	46.8	51.7	68.5	75.1	76.2	79.6	83.5	84.1	84.6	84.7	84.8	85.2	85.4	85.4	85.4
80	31.7	46.9	51.8	68.7	75.4	76.7	80.0	84.0	84.6	85.2	85.3	85.4	85.7	85.9	85.9	85.9
70	32.2	47.7	52.9	70.4	77.4	78.7	82.7	86.1	87.0	87.6	87.7	87.8	88.2	88.4	88.4	88.4
60	32.5	48.3	53.5	72.2	79.6	80.9	84.5	89.0	90.1	90.8	90.9	91.0	91.3	91.5	91.5	91.5
50	32.5	48.6	53.9	72.9	80.5	81.8	85.5	90.4	91.6	92.3	92.4	92.5	92.8	93.7	93.0	93.7
40	32.5	48.6	53.9	73.0	80.6	82.2	85.8	90.9	92.2	92.8	92.9	93.0	93.3	93.5	93.5	93.5
30	32.6	48.7	54.1	73.2	81.1	82.6	86.3	91.5	93.0	93.9	94.0	94.1	94.4	94.6	94.6	94.6
20	32.6	48.7	54.2	73.5	81.8	83.3	87.2	92.4	93.9	94.8	94.9	95.1	95.4	95.7	95.7	95.7
10	32.6	48.7	54.2	73.8	82.3	83.8	87.6	93.0	94.6	95.6	95.7	95.8	96.1	96.5	96.5	96.5
5	32.6	48.7	54.2	73.8	82.4	83.9	87.8	93.4	95.1	96.5	96.6	96.7	97.0	97.3	97.3	97.3
0	32.6	48.7	54.2	73.8	82.5	84.0	88.1	94.0	95.7	97.5	97.8	98.2	98.7	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

075951 000BRIDGE RAF UK

73-80

067

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

120-140

CEILING FEET	VISIBILITY: STATUTE MILES OR (IN HUNDREDS OF METERS)															
	210	20	25	24	21	22	21	21	21	21	21	21	21	21	21	21
20000	15.9	18.8	19.4	23.8	25.3	25.4	26.7	26.0	26.7	26.0	26.7	26.0	26.0	26.0	26.0	26.0
18000	21.1	25.4	26.0	31.7	34.0	34.2	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
16000	21.3	25.8	26.5	32.2	34.4	34.6	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
14000	21.3	25.8	26.5	32.2	34.5	34.7	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
12000	21.3	25.9	26.6	32.3	34.6	34.8	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
10000	21.5	26.1	26.8	32.8	35.2	35.4	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
8000	22.2	27.0	27.7	35.1	37.5	37.7	38.7	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
6000	23.3	28.5	29.2	36.7	39.1	39.5	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
4000	26.3	33.8	34.9	44.0	46.6	47.1	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
2000	27.6	35.2	36.6	45.8	48.4	48.9	51.5	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
1000	28.0	35.6	37.1	46.5	49.7	49.6	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
500	29.6	37.5	39.5	49.2	51.8	52.4	54.7	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
250	30.3	38.4	40.3	50.3	53.0	53.5	55.2	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
100	33.9	42.8	45.1	55.8	59.1	59.7	61.5	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
50	37.3	47.1	49.6	61.9	65.9	66.5	68.5	68.9	69.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0
0	41.3	53.8	57.4	71.4	75.8	76.3	78.4	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
20000	41.5	54.6	58.3	72.7	77.3	77.8	79.9	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
18000	43.8	57.6	61.5	77.0	82.0	82.6	84.6	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
16000	44.2	58.4	62.5	78.3	83.3	83.9	85.9	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
14000	44.4	59.0	63.7	80.1	85.5	86.7	88.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
12000	44.4	59.0	64.1	82.5	88.7	89.2	91.5	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
10000	44.4	59.0	64.2	83.1	89.6	90.1	92.8	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
8000	44.4	59.0	64.2	83.4	89.9	90.4	92.8	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
6000	44.4	59.0	64.2	83.4	90.3	91.0	93.4	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
4000	44.4	59.1	64.3	83.5	90.5	91.2	93.7	96.1	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9
2000	44.4	59.1	64.3	83.9	90.9	91.7	94.2	96.7	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7
1000	44.4	59.1	64.3	83.9	91.1	91.9	94.4	96.9	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3
500	44.4	59.1	64.3	83.9	91.1	91.9	94.6	97.2	98.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
250	44.4	59.1	64.3	83.9	91.1	91.9	94.7	97.4	98.2	99.2	99.4	99.5	99.7	99.9	99.9	99.9
100	44.4	59.1	64.3	83.9	91.1	91.9	94.7	97.4	98.2	99.2	99.4	99.5	99.7	100.0	100.0	100.0
0	44.4	59.1	64.3	83.9	91.1	91.9	94.7	97.4	98.2	99.2	99.4	99.5	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03951 00087000 RAF UK

73-87

001

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES OR HUNDREDS OF METERS															
	210	20	25	24	23	22	27	21	21	21	24	21	21	2510	21	20
	GT9.7	EQ9.0	GE8.7	GE6.0	GE4.8	GE4.2	GE3.2	GE2.4	GE2.2	GE1.6	GE1.2	GE1.0	GE0.8	GE0.5	GE0.4	GE0.3
NO CEILING	16.2	20.3	21.9	24.5	25.5	25.7	26.3	26.7	26.8	27.0	27.0	27.0	27.7	27.0	27.7	27.0
≥ 20000	21.9	27.0	29.1	32.6	34.4	34.9	36.7	36.6	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 18000	22.3	27.5	29.9	33.4	35.3	35.8	37.0	37.5	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 16000	22.3	27.7	30.1	33.7	35.5	36.0	37.2	37.7	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 14000	22.3	27.7	30.1	33.7	35.5	36.0	37.2	37.7	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 12000	22.6	28.2	30.5	34.5	36.3	36.9	38.1	38.6	38.7	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 10000	23.5	29.6	32.7	37.6	39.5	40.0	41.4	42.3	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 9000	24.4	31.0	34.5	40.3	42.4	42.9	44.4	45.3	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 8000	28.2	35.8	40.2	47.3	49.5	50.0	51.5	52.4	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 7000	29.2	37.8	42.3	49.6	51.7	52.3	53.8	54.7	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 6000	29.4	38.1	42.6	50.0	52.2	52.7	54.2	55.2	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 5000	30.5	40.0	45.1	53.1	55.3	55.8	57.4	58.4	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 4500	31.6	41.3	46.5	54.5	56.8	57.3	58.9	59.9	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 4000	35.3	45.4	51.4	62.0	62.6	63.2	64.8	66.1	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 3500	38.1	49.1	55.8	64.7	67.7	68.4	70.0	71.3	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3000	41.9	54.4	62.7	71.8	76.0	76.9	78.7	80.2	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2500	42.5	55.2	62.9	73.2	77.7	78.7	80.6	82.3	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2000	43.3	56.9	64.7	76.7	82.0	83.0	85.2	87.1	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800	43.3	57.1	64.9	77.4	83.1	84.1	86.2	88.2	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500	43.2	57.3	65.2	78.6	84.5	85.5	87.6	89.6	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	43.3	57.4	65.4	79.8	86.7	87.8	90.3	92.6	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	43.3	57.5	65.5	80.2	87.1	88.3	90.8	93.1	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	43.3	57.5	65.5	80.4	87.5	88.7	91.2	93.9	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	43.3	57.5	65.5	81.1	88.3	89.5	92.2	95.2	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	43.3	57.5	65.5	81.5	88.7	89.9	92.6	95.8	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	43.3	57.5	65.5	81.6	88.8	90.0	93.1	96.3	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	43.3	57.5	65.5	81.6	88.9	90.1	93.3	96.8	97.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	43.3	57.5	65.5	81.6	88.9	90.1	93.7	97.1	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	43.3	57.5	65.5	81.6	88.9	90.1	93.7	97.1	98.4	99.2	99.2	99.2	99.4	99.4	99.5	99.5
≥ 200	43.3	57.5	65.5	81.6	88.9	90.1	93.7	97.1	98.4	99.2	99.2	99.2	99.4	99.4	99.5	99.5
≥ 100	43.3	57.5	65.5	81.6	88.9	90.1	93.7	97.1	98.4	99.2	99.2	99.2	99.5	99.6	99.8	99.9
≥ 0	43.3	57.5	65.5	81.6	88.9	90.1	93.7	97.1	98.4	99.2	99.2	99.2	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 101-14 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

075051 000BPIDGE RAF UK

73-87

001

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18-0-2-00

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	210	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	19.6	24.7	26.7	29.7	31.6	31.9	33.2	34.5	35.1	35.8	36.2	36.2	36.5	36.5	36.5	36.6
≥ 7000	21.5	28.4	30.4	34.6	37.1	37.4	38.4	40.4	41.1	41.9	42.4	42.4	42.7	42.7	42.7	42.8
≥ 6000	21.5	28.7	30.8	34.9	37.4	37.7	39.5	41.0	41.6	42.5	42.9	42.9	43.2	43.2	43.2	43.3
≥ 5000	21.5	28.7	30.8	34.9	37.4	37.7	39.5	41.0	41.6	42.5	42.9	42.9	43.2	43.2	43.2	43.3
≥ 4000	21.5	28.8	30.9	35.1	37.5	37.8	39.6	41.2	41.9	42.8	43.3	43.3	43.7	43.7	43.7	43.8
≥ 3000	21.8	29.1	31.2	35.4	37.8	38.2	40.0	41.6	42.4	43.2	43.8	43.8	44.1	44.1	44.1	44.2
≥ 2000	22.7	30.4	32.9	37.7	40.6	41.0	43.7	44.6	45.4	46.5	47.7	47.7	47.3	47.4	47.4	47.5
≥ 1000	23.2	31.2	33.8	39.8	42.7	43.0	45.7	46.8	47.5	48.6	49.1	49.1	49.5	49.6	49.6	49.7
≥ 800	26.6	35.3	38.1	45.4	48.4	48.8	51.0	52.8	53.7	54.7	55.3	55.3	55.6	55.7	55.7	55.8
≥ 700	27.4	36.7	39.4	46.8	49.9	50.3	52.5	54.3	55.2	56.2	56.8	56.8	57.1	57.2	57.2	57.3
≥ 600	27.5	36.8	39.5	46.9	50.0	50.4	52.6	54.4	55.3	56.3	56.9	56.9	57.2	57.3	57.3	57.4
≥ 500	29.7	39.6	42.4	50.4	53.8	54.2	56.7	58.5	59.4	60.4	61.0	61.0	61.3	61.4	61.4	61.5
≥ 450	31.3	40.2	43.1	51.2	54.8	55.3	57.8	59.7	60.5	61.6	62.2	62.2	62.5	62.6	62.6	62.7
≥ 400	32.8	43.8	47.6	56.6	60.4	61.0	63.9	65.8	66.7	68.1	68.6	68.6	68.9	69.0	69.0	69.1
≥ 350	34.6	46.9	51.6	60.8	64.7	65.4	68.4	70.3	71.2	72.7	73.2	73.2	73.5	73.7	73.7	73.8
≥ 300	37.1	50.5	55.4	65.3	70.6	71.4	74.6	76.7	77.5	79.0	79.6	79.6	79.9	80.0	80.0	80.1
≥ 250	38.0	51.8	57.0	67.5	72.9	73.7	76.9	79.1	80.0	81.5	82.0	82.0	82.4	82.5	82.5	82.6
≥ 200	38.4	53.2	59.1	71.6	77.2	78.0	81.3	83.7	84.5	86.0	86.6	86.6	86.9	87.0	87.0	87.1
≥ 150	38.4	53.2	59.2	71.9	77.5	78.3	81.6	84.0	84.8	86.3	86.9	86.9	87.2	87.3	87.3	87.4
≥ 100	38.4	53.4	59.5	73.0	79.1	80.4	83.9	86.6	87.4	88.9	89.5	89.5	89.8	89.9	89.9	90.0
≥ 90	38.4	53.5	59.8	74.1	80.6	82.0	86.0	88.8	89.7	91.2	91.7	91.7	92.0	92.2	92.2	92.3
≥ 80	38.5	53.7	60.0	74.6	81.4	82.8	86.8	89.7	90.5	92.0	92.6	92.6	92.9	93.0	93.0	93.1
≥ 70	38.5	53.7	60.1	74.8	81.6	83.0	87.1	90.1	91.2	92.7	93.2	93.2	93.5	93.7	93.7	93.8
≥ 60	38.5	53.7	60.1	74.9	81.9	83.3	87.8	91.0	92.2	93.8	94.3	94.3	94.6	94.7	94.7	94.8
≥ 50	38.5	53.7	60.1	75.4	82.7	84.1	88.8	92.3	93.5	95.5	96.0	96.0	96.3	96.5	96.5	96.6
≥ 40	38.5	53.7	60.1	75.4	83.1	84.6	89.5	93.1	94.4	96.3	96.9	96.9	97.2	97.3	97.3	97.4
≥ 30	38.5	53.7	60.1	75.8	83.5	85.2	90.0	94.1	95.4	97.3	97.8	97.8	98.2	98.3	98.3	98.4
≥ 20	38.5	53.7	60.1	75.8	83.8	85.4	90.3	94.7	96.3	98.3	98.8	98.8	99.2	99.4	99.4	99.6
≥ 10	38.5	53.7	60.1	75.8	83.8	85.4	90.3	94.7	96.3	98.3	98.8	98.8	99.2	99.4	99.4	99.6
≥ 0	38.5	53.7	60.1	75.8	83.8	85.4	90.3	94.7	96.3	98.3	98.8	98.8	99.2	99.4	99.4	99.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35951

WOODBRIDGE RAF UK

73-82

607

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2100

CEILING FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)			
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8
	GT9.1	EQ9.0	GE8.9	GE8.0	GE7.0	GE6.0	GE5.0	GE4.0	GE3.0	GE2.0	GE1.0	GE1.0	GE1.0	GE1.0	GE1.0	GE1.0	GE1.0	GE1.0	GE1.0	GE1.0
20000	20.6	26.9	30.4	35.1	37.9	38.8	41.4	41.8	42.3	43.2	43.8	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.6
18000	22.4	28.9	32.4	37.6	40.5	41.4	43.0	44.4	44.9	45.8	46.3	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.1	47.2
16000	22.4	29.0	32.5	37.7	40.6	41.5	43.2	44.6	45.2	46.0	46.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2	47.4
14000	22.4	29.0	32.5	37.7	40.6	41.5	43.2	44.6	45.2	46.0	46.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2	47.4
12000	22.4	29.0	32.5	37.7	40.6	41.5	43.2	44.6	45.2	46.0	46.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2	47.4
10000	23.2	30.5	34.2	39.4	42.5	43.3	45.0	46.4	47.0	48.1	48.6	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.5
9000	23.5	30.9	34.7	40.8	44.0	44.8	46.6	48.0	48.5	49.6	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7	51.0
8000	26.9	35.0	39.1	46.4	50.2	51.1	53.0	54.5	55.3	56.4	56.9	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.8
7000	27.6	36.6	40.8	48.3	52.0	52.9	55.0	56.5	57.2	58.3	58.8	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.7
6000	27.9	37.2	41.4	48.9	52.8	53.7	55.7	57.2	58.0	59.1	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.5
5000	28.6	38.6	43.2	51.0	55.1	55.9	58.2	59.7	60.5	61.5	62.1	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.9
4500	29.3	39.1	43.9	51.9	56.3	57.1	59.4	60.9	61.6	62.7	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	64.1
4000	32.3	42.9	48.4	57.5	62.5	63.5	65.7	67.6	68.4	69.5	70.0	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.2
3500	33.6	45.0	50.9	60.3	65.7	66.7	69.7	71.1	72.0	73.1	73.6	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.8
3000	35.9	49.0	55.1	65.1	71.0	72.0	74.9	76.8	78.0	79.3	80.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.3
2500	36.3	49.5	55.8	66.2	72.1	73.1	76.4	78.4	79.6	80.9	81.7	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.9
2000	37.1	51.0	57.9	69.0	75.2	76.5	80.0	82.3	83.5	84.8	85.6	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.7
1800	37.3	51.2	58.1	69.2	75.4	76.7	80.3	82.7	83.8	85.1	85.9	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.9	87.1
1600	37.9	52.2	59.6	70.9	77.8	79.2	83.1	85.5	86.6	87.9	88.7	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.7	89.9
1400	38.0	52.5	60.2	72.0	78.9	80.4	85.1	87.5	88.7	90.0	90.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.9
1200	38.1	52.7	60.5	72.8	80.2	81.8	86.7	89.1	90.3	91.6	92.3	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.5
1000	38.1	52.8	60.6	73.1	80.4	82.0	87.0	89.3	90.5	91.8	92.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.8
900	38.3	52.9	60.7	73.2	80.5	82.1	87.2	89.7	91.2	92.5	93.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.4
800	38.3	52.9	60.7	73.7	81.3	82.9	88.3	91.1	92.6	94.0	94.7	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.9
700	38.3	52.9	60.7	73.7	81.6	83.3	88.9	91.8	93.3	94.7	95.5	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.7
600	38.3	52.9	60.7	74.0	82.0	83.9	89.7	92.9	94.4	95.8	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.8
500	38.3	52.9	60.7	74.1	82.1	84.1	89.8	93.3	95.0	96.4	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.5
400	38.3	52.9	60.7	74.1	82.4	84.4	90.1	93.6	95.4	96.8	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9	99.1
300	38.3	52.9	60.7	74.1	82.4	84.4	90.1	93.6	95.4	96.8	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9	99.1
200	38.3	52.9	60.7	74.1	82.4	84.4	90.1	93.6	95.4	96.8	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9	99.1
100	38.3	52.9	60.7	74.1	82.4	84.4	90.1	93.6	95.4	96.8	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9	99.1
0	38.3	52.9	60.7	74.1	82.4	84.4	90.1	93.6	95.4	96.8	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9	99.1

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 035951 WOODBRIDGE RAF UK

73-82

06T

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO. CEILING	5790	5097	4687	4640	4648	4640	4632	4624	4620	4616	4612	4610	4608	4605	4603	4601
≥ 20000	16.7	21.0	23.1	27.9	29.8	30.2	31.6	32.9	33.3	34.0	34.3	34.5	34.7	34.8	35.7	35.1
≥ 18000	18.9	24.5	27.7	32.8	35.3	35.8	37.4	38.9	39.4	40.3	40.5	40.8	41.0	41.1	41.3	41.4
≥ 16000	19.0	24.8	27.3	33.2	35.6	36.2	37.8	39.3	39.8	40.7	41.7	41.2	41.4	41.5	41.7	41.8
≥ 14000	19.0	24.8	27.3	33.2	35.6	36.2	37.8	39.3	39.9	40.7	41.7	41.2	41.4	41.5	41.7	41.9
≥ 12000	19.3	24.9	27.4	33.2	35.7	36.3	37.9	39.4	39.9	40.8	41.1	41.3	41.5	41.7	41.9	41.9
≥ 10000	19.1	25.1	27.6	33.6	36.1	36.7	38.3	39.8	40.4	41.3	41.5	41.8	42.0	42.1	42.3	42.4
≥ 9000	27.1	26.4	29.2	35.8	38.4	39.0	40.9	42.4	43.7	44.0	44.3	44.5	44.7	44.9	45.0	45.1
≥ 8000	20.7	27.3	30.2	37.2	39.9	40.6	42.4	44.0	44.6	45.6	45.9	46.1	46.3	46.5	46.6	46.8
≥ 7000	23.7	31.4	34.9	43.3	46.3	47.0	49.1	50.9	51.5	52.6	52.9	53.2	53.4	53.6	53.7	53.9
≥ 6000	24.4	32.8	36.4	45.0	48.1	48.8	51.7	52.8	53.5	54.5	54.8	55.1	55.3	55.5	55.7	55.8
≥ 5000	24.6	33.1	36.7	45.4	48.5	49.2	51.4	53.2	53.9	54.9	55.2	55.5	55.7	55.9	56.1	56.2
≥ 4500	25.9	34.9	38.9	48.0	51.3	52.7	54.4	56.3	57.0	58.1	58.8	59.6	59.9	59.1	59.2	59.3
≥ 4000	26.5	35.7	39.8	49.1	52.6	53.3	55.7	57.6	58.4	59.5	59.8	60.0	60.2	60.4	60.7	60.7
≥ 3500	29.4	39.5	44.4	54.7	58.6	59.5	62.7	64.1	64.8	66.7	66.3	66.7	66.9	67.1	67.3	67.4
≥ 3000	31.2	42.2	47.6	58.6	63.0	63.8	66.6	68.7	69.5	70.6	71.7	71.3	71.6	71.8	71.9	72.0
≥ 2500	33.6	46.0	52.1	64.3	69.2	70.2	73.1	75.4	76.3	77.6	78.0	78.4	78.6	78.8	79.0	79.1
≥ 2000	34.1	46.7	52.9	65.5	71.8	71.7	74.9	77.3	78.1	79.4	79.8	80.2	80.4	80.6	80.9	80.9
≥ 1800	35.0	48.4	55.1	69.7	74.8	75.8	79.3	81.9	82.7	84.1	84.5	84.9	85.1	85.3	85.5	85.6
≥ 1600	35.1	48.6	55.4	69.5	75.3	76.4	79.9	82.5	83.4	84.7	85.1	85.5	85.7	86.1	86.1	86.2
≥ 1400	35.4	49.1	56.1	71.1	77.2	78.4	82.0	84.8	85.7	87.1	87.5	87.9	88.1	88.4	88.5	88.6
≥ 1200	35.7	49.5	56.6	72.5	79.2	80.5	84.5	87.5	88.5	90.0	90.3	90.7	91.0	91.2	91.3	91.5
≥ 1000	35.8	49.7	56.9	73.3	81.3	81.6	85.8	89.0	90.0	91.4	91.8	92.2	92.4	92.7	92.8	92.9
≥ 900	35.8	49.7	57.7	73.5	81.6	81.9	86.1	89.5	90.6	92.0	92.4	92.8	93.0	93.3	93.4	93.5
≥ 800	35.8	49.8	57.0	73.8	81.1	82.4	86.8	90.3	91.5	93.1	93.5	93.9	94.1	94.3	94.5	94.6
≥ 700	35.9	49.9	57.2	74.2	81.7	83.0	87.6	91.3	92.5	94.2	94.5	95.0	95.2	95.4	95.6	95.7
≥ 600	35.9	49.9	57.2	74.4	82.0	83.4	88.1	91.8	93.1	94.9	95.2	95.7	95.9	96.1	96.3	96.4
≥ 500	35.9	49.9	57.2	74.7	82.4	83.9	88.6	92.6	94.0	95.9	96.2	96.7	96.9	97.2	97.3	97.4
≥ 400	35.9	49.9	57.2	74.7	82.4	83.9	88.8	92.9	94.3	96.8	96.8	97.3	97.5	97.8	97.9	98.1
≥ 300	35.9	49.9	57.2	74.7	82.5	84.7	88.9	93.1	94.7	96.8	97.2	97.8	98.1	98.4	98.6	98.7
≥ 200	35.9	49.9	57.2	74.7	82.5	84.0	88.9	93.1	94.8	96.9	97.3	98.0	98.3	98.7	98.9	99.1
≥ 100	35.9	49.9	57.2	74.7	82.5	84.0	88.9	93.1	94.8	96.9	97.4	98.0	98.3	98.7	99.0	99.6
≥ 0	35.9	49.9	57.2	74.7	82.5	84.0	88.9	93.1	94.8	96.9	97.4	98.0	98.3	98.7	99.0	99.6

TOTAL NUMBER OF OBSERVATIONS 7431

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

C7951

WOODBRIDGE RAF UK

73-87

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO. CEILING	GT9	EQ9	GE8	GE6	GE4	GE3	GE2	GE1	GE1	GE1	GE1	GE1	GE1	GE1	GE1	GE1
≥ 20000	22.6	27.3	31.5	37.0	33.9	39.7	47.5	42.6	43.3	43.6	43.8	44.1	44.4	44.3	44.8	44.8
≥ 18000	25.4	30.6	35.8	41.8	43.8	43.9	45.6	47.8	48.4	48.9	49.7	49.4	49.6	50.0	50.0	50.0
≥ 16000	25.4	30.6	35.8	41.8	43.8	43.9	45.6	47.8	48.4	48.9	49.7	49.4	49.6	50.0	50.0	50.0
≥ 14000	25.4	30.6	35.8	41.8	43.8	43.9	45.6	47.8	48.4	48.9	49.7	49.4	49.6	50.0	50.0	50.0
≥ 12000	25.4	30.6	35.8	41.8	43.8	43.9	45.6	47.8	48.4	48.9	49.7	49.4	49.6	50.0	50.0	50.0
≥ 10000	26.0	31.8	36.9	43.1	45.4	45.5	47.4	49.8	50.4	51.0	51.1	51.5	51.8	52.1	52.1	52.1
≥ 8000	26.9	32.9	38.1	44.6	46.9	47.0	48.9	51.3	51.9	52.5	52.6	53.0	53.3	53.6	53.6	53.6
≥ 7000	30.6	37.5	43.3	50.6	52.9	53.0	55.0	57.4	58.0	58.8	58.9	59.3	59.5	59.9	59.9	59.9
≥ 6000	31.6	38.5	44.5	52.1	54.4	54.5	56.8	59.3	59.9	60.6	60.8	61.1	61.8	61.8	61.8	61.8
≥ 5000	31.6	38.8	44.8	52.5	54.8	54.9	57.1	59.6	60.3	61.0	61.1	61.5	61.8	62.1	62.1	62.1
≥ 4500	33.3	40.8	47.1	55.3	57.6	57.8	60.7	62.5	63.1	63.9	64.7	64.4	64.6	65.7	65.0	65.0
≥ 4000	33.3	41.4	47.9	56.5	59.1	59.3	61.9	64.4	65.0	65.8	65.9	66.3	66.5	66.9	66.9	66.9
≥ 3500	36.8	46.3	53.4	63.4	66.1	66.3	69.1	71.6	72.4	73.1	73.3	73.6	73.9	74.3	74.3	74.3
≥ 3000	39.6	50.3	58.1	70.0	72.9	73.0	76.7	78.5	79.4	80.1	80.3	80.6	80.9	81.3	81.3	81.3
≥ 2500	39.6	50.3	58.1	70.4	73.3	73.4	76.4	78.9	79.8	80.5	80.6	81.0	81.3	81.6	81.6	81.6
≥ 2000	47.3	51.8	60.0	73.3	76.1	76.5	79.9	82.4	83.4	84.4	84.5	84.9	85.1	85.5	85.5	85.5
≥ 1800	47.3	51.9	61.1	73.4	76.3	76.6	80.0	82.5	83.5	84.5	84.6	85.0	85.3	85.6	85.6	85.6
≥ 1500	41.1	53.0	61.3	75.8	78.6	79.1	82.6	85.3	86.3	87.3	87.4	87.8	88.7	88.5	88.5	88.5
≥ 1200	41.4	53.8	62.3	77.3	81.1	80.6	84.1	87.1	88.3	89.3	89.4	89.8	90.1	90.6	90.6	90.6
≥ 1000	41.4	53.8	62.4	77.6	81.6	81.1	85.0	88.0	89.1	90.1	90.3	90.6	91.7	91.5	91.5	91.5
≥ 900	41.6	54.4	63.0	78.4	81.5	82.0	85.9	89.0	90.1	91.1	91.3	91.6	92.7	92.5	92.5	92.5
≥ 800	41.6	54.4	63.7	78.5	82.0	82.5	86.6	89.9	91.0	92.0	92.1	92.5	92.9	93.4	93.4	93.4
≥ 700	41.8	54.5	63.1	78.9	82.6	83.1	87.3	90.6	91.9	93.0	93.1	93.5	93.9	94.4	94.4	94.4
≥ 600	41.8	54.6	63.3	79.0	82.8	83.3	87.9	91.3	92.5	93.8	93.9	94.3	94.6	95.1	95.1	95.1
≥ 500	41.8	54.6	63.4	79.1	83.1	83.6	88.6	92.0	93.5	94.8	94.9	95.3	95.8	96.3	96.3	96.3
≥ 400	41.8	54.6	63.4	79.4	83.4	83.9	89.0	92.5	94.0	95.3	95.4	95.8	96.3	96.8	96.8	96.8
≥ 300	41.8	54.6	63.4	79.4	83.8	84.3	89.4	93.3	94.9	96.1	96.3	96.6	97.3	98.7	98.0	98.0
≥ 200	41.8	54.6	63.4	79.4	83.8	84.3	89.4	93.4	95.0	96.3	96.4	96.8	97.4	98.4	99.0	99.0
≥ 100	41.8	54.6	63.4	79.4	83.8	84.3	89.4	93.4	95.0	96.3	96.4	96.8	97.5	98.9	99.5	100.0
≥ 0	41.8	54.6	63.4	79.4	83.8	84.3	89.4	93.4	95.0	96.3	96.4	96.8	97.5	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 800

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

175951

0008PIDGE RAF UK

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

7100-6600

CEILING FEET	VISIBILITY: STATUTE MILES																OR (HUNDREDS OF METERS)															
	210	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0				
NO FLYING	19.7	23.8	27.0	33.3	34.9	35.6	36.8	38.5	38.8	39.5	39.6	39.7	39.8	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2				
2 20000	22.1	26.7	30.5	37.5	39.5	40.2	41.6	43.4	43.9	44.8	44.9	45.0	45.1	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5				
2 18000	22.1	26.7	30.5	37.5	39.5	40.2	41.6	43.4	43.9	44.8	44.9	45.0	45.1	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5				
2 16000	22.1	26.7	30.5	37.5	39.5	40.2	41.6	43.4	43.9	44.8	44.9	45.0	45.1	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5				
2 14000	22.2	26.9	30.6	37.6	39.6	40.4	41.7	43.5	44.0	44.9	45.0	45.1	45.3	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6				
2 12000	22.2	26.9	30.6	37.7	39.8	40.7	42.1	43.9	44.4	45.3	45.4	45.5	45.6	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0				
2 10000	23.1	27.9	31.7	39.1	41.2	42.1	43.6	45.5	46.0	46.9	47.0	47.2	47.3	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7				
2 9000	24.7	29.6	33.5	41.4	43.5	44.4	46.2	48.0	48.5	49.4	49.6	49.7	49.8	50.1	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	50.2				
2 8000	28.6	33.9	38.6	46.9	49.4	50.4	52.0	54.2	54.7	55.6	55.7	55.9	56.0	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4				
2 7000	29.8	35.3	40.0	48.3	51.1	52.1	54.1	56.2	56.6	57.8	57.9	58.0	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5				
2 6000	29.8	35.3	40.0	48.3	51.2	52.2	54.2	56.4	57.0	57.9	58.0	58.1	58.3	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6				
2 5000	30.5	36.4	41.1	50.2	53.1	54.1	56.5	58.6	59.3	60.2	60.3	60.4	60.5	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9				
2 4500	31.1	37.1	41.7	51.5	54.5	55.5	58.4	60.5	61.2	62.0	62.2	62.3	62.4	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8				
2 4000	35.6	43.5	48.5	60.3	63.8	64.8	67.8	70.0	70.6	71.5	71.6	71.8	71.9	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3				
2 3500	36.9	45.1	50.8	63.1	67.1	68.2	71.4	73.5	74.1	75.0	75.2	75.3	75.4	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8				
2 3000	39.5	49.1	55.1	68.7	72.8	73.9	77.0	79.2	79.9	80.8	81.0	81.1	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6				
2 2500	39.6	49.3	55.6	69.2	73.3	74.4	77.6	79.8	80.6	81.5	81.6	81.7	81.8	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2				
2 2000	40.5	50.7	57.1	71.4	76.0	77.4	80.7	83.0	83.7	84.7	84.9	85.0	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5				
2 1800	40.6	50.8	57.3	71.6	76.3	77.7	81.0	83.2	84.0	85.0	85.1	85.2	85.4	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8				
2 1600	41.1	51.5	57.9	73.0	77.7	79.1	82.3	84.6	85.4	86.4	86.5	86.6	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1				
2 1400	42.1	53.0	59.5	75.8	80.6	82.0	85.2	87.6	88.4	89.4	89.5	89.7	89.8	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2				
2 1200	42.4	53.2	60.3	76.9	82.0	83.6	87.1	89.8	90.5	91.6	91.7	91.8	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3				
2 1000	42.5	53.6	60.7	78.1	83.6	85.4	88.9	91.6	92.3	93.3	93.4	93.5	93.6	93.7	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1				
2 900	42.5	53.6	60.8	78.2	83.9	85.8	89.4	92.1	92.8	93.8	93.9	94.1	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6				
2 800	42.7	53.8	61.0	78.8	84.7	86.6	90.2	93.3	94.1	95.1	95.2	95.3	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8				
2 700	42.7	53.8	61.3	79.1	85.0	86.9	91.7	94.2	95.0	96.0	96.1	96.2	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7				
2 600	42.7	53.8	61.3	79.2	85.2	87.1	91.9	95.0	95.7	96.7	96.8	97.0	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5				
2 500	42.7	53.8	61.3	79.2	85.4	87.3	91.6	95.1	95.8	96.8	97.0	97.1	97.2	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2				
2 400	42.7	53.8	61.3	79.2	85.4	87.3	91.6	95.1	95.8	96.8	97.0	97.1	97.2	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5				
2 300	42.7	53.8	61.3	79.2	85.4	87.3	91.6	95.1	95.8	96.8	97.0	97.1	97.2	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5				
2 200	42.7	53.8	61.3	79.2	85.4	87.3	91.6	95.1	95.8	96.8	97.0	97.1	97.2	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5				
2 100	42.7	53.8	61.3	79.2	85.4	87.3	91.6	95.1	95.8	96.8	97.0	97.1	97.2	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5				
2 00	42.7	53.8	61.3	79.2	85.4	87.3	91.6	95.1	95.8	96.8	97.0	97.1	97.2	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5				

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

STATION NO. 170051 STATION NAME WOODBRIDGE RAF UK

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

607-6077

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																			
	210	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8
20000	16.7	19.5	22.0	27.1	28.5	29.1	30.6	32.0	32.2	33.0	33.0	33.1	33.1	33.2	33.2	33.5				
18000	19.4	22.7	25.7	31.8	33.2	33.8	35.3	36.8	37.3	38.3	38.3	38.5	38.5	38.6	38.6	38.9				
16000	19.4	22.7	25.8	32.1	33.5	34.1	35.6	37.1	37.6	38.6	38.6	38.7	38.7	38.8	38.8	39.1				
14000	19.4	22.7	25.8	32.1	33.5	34.1	35.6	37.1	37.6	38.6	38.6	38.7	38.7	38.8	38.8	39.1				
12000	19.7	23.2	26.5	32.7	34.1	34.8	36.5	38.0	38.5	39.5	39.5	39.6	39.6	39.7	39.7	40.0				
10000	20.9	24.5	27.7	34.1	35.5	36.6	38.2	39.8	40.4	41.6	41.6	41.8	41.8	41.9	41.9	42.2				
9000	22.7	26.6	29.8	36.8	39.7	39.8	41.4	43.1	43.7	44.8	44.8	45.1	45.1	45.2	45.2	45.4				
8000	25.2	29.8	34.2	42.2	44.3	45.4	47.2	48.8	49.4	50.6	50.6	50.8	50.8	50.9	50.9	51.2				
7000	25.7	30.7	35.2	43.2	45.3	46.4	48.2	49.8	50.6	51.8	51.9	52.1	52.1	52.2	52.2	52.4				
6000	25.8	31.1	35.7	43.8	45.9	47.1	48.8	50.4	51.2	52.4	52.4	52.7	52.7	52.8	52.8	53.1				
5000	27.3	33.6	38.6	47.3	49.4	50.6	52.4	54.1	54.9	56.2	56.3	56.6	56.7	56.8	56.8	57.1				
4500	29.1	35.5	40.4	49.4	51.9	53.1	55.3	57.1	57.9	59.2	59.3	59.6	59.7	59.8	59.8	60.0				
4000	32.3	35.3	45.2	55.7	58.8	60.0	62.7	64.7	65.8	67.0	67.2	67.4	67.5	67.7	67.7	67.9				
3500	34.1	41.9	48.1	59.7	63.0	64.4	67.0	69.0	70.2	71.4	71.5	71.8	71.9	72.0	72.0	72.3				
3000	36.3	45.4	52.7	64.7	68.2	69.5	72.3	74.3	75.4	76.8	76.9	77.2	77.3	77.4	77.4	77.7				
2500	37.3	46.1	53.6	65.9	69.4	70.8	73.5	75.7	76.8	78.2	78.3	78.5	78.7	78.8	78.8	79.0				
2000	38.2	47.8	55.8	68.9	73.2	74.5	77.7	79.9	81.0	82.4	82.5	82.8	82.9	83.1	83.1	83.4				
1800	38.2	47.8	55.8	69.2	73.4	74.8	77.9	80.1	81.3	82.6	82.8	83.0	83.1	83.4	83.4	83.6				
1600	39.5	48.2	56.4	70.4	75.0	76.4	79.7	82.0	83.1	84.5	84.6	84.9	85.0	85.3	85.3	85.5				
1400	39.5	49.9	58.9	74.4	79.2	80.5	84.4	86.8	87.9	89.3	89.4	89.6	89.8	90.0	90.0	90.3				
1200	39.7	50.2	59.3	75.0	80.1	81.5	85.5	88.1	89.3	90.6	90.8	91.0	91.1	91.4	91.4	91.6				
1000	39.7	50.2	59.4	75.3	80.5	82.0	86.0	88.6	89.8	91.1	91.3	91.5	91.6	91.9	91.9	92.1				
900	39.7	50.2	59.4	75.5	81.0	82.6	87.0	89.8	90.9	92.3	92.4	92.6	92.8	93.0	93.0	93.3				
800	39.7	50.3	59.6	75.8	81.5	83.1	87.5	90.3	91.4	92.8	92.9	93.1	93.3	93.5	93.5	93.8				
700	39.7	50.4	59.8	76.5	82.4	84.0	88.5	91.3	92.5	93.9	94.0	94.3	94.4	94.6	94.6	94.9				
600	39.7	50.6	59.9	77.2	83.1	84.9	89.4	92.1	93.5	95.0	95.1	95.4	95.5	95.8	95.8	96.0				
500	39.7	50.6	59.9	77.2	83.3	85.0	89.6	92.5	93.9	95.5	95.6	95.9	96.0	96.3	96.3	96.5				
400	39.7	50.6	59.9	77.2	83.4	85.1	89.8	92.6	94.4	96.4	96.5	96.8	96.9	97.1	97.1	97.3				
300	39.7	50.6	59.9	77.2	83.4	85.1	89.8	92.6	94.4	96.6	96.8	97.1	97.3	98.1	98.4	98.9				
200	39.7	50.6	59.9	77.2	83.4	85.1	89.8	92.6	94.4	96.6	96.8	97.1	97.3	98.3	98.8	100.0				
100	39.7	50.6	59.9	77.2	83.4	85.1	89.8	92.6	94.4	96.6	96.8	97.1	97.3	98.3	98.8	100.0				
0	39.7	50.6	59.9	77.2	83.4	85.1	89.8	92.6	94.4	96.6	96.8	97.1	97.3	98.3	98.8	100.0				

TOTAL NUMBER OF OBSERVATIONS 801

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

175051 000801000 RAF UK

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

232-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	20	20	25	24	25	22	22	2	21	21	2	21	2	25	2	20
1000	51.9	50.9	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
1500	15.9	17.9	20.5	23.9	25.3	25.8	26.5	27.4	27.9	27.9	27.9	27.9	27.9	27.9	28.2	28.2
2000	21.3	24.2	26.9	31.5	33.3	33.7	34.5	35.6	36.3	36.6	36.6	36.6	36.6	36.6	37.1	37.1
2500	21.3	24.2	27.2	32.1	33.9	34.4	35.1	36.2	37.0	37.2	37.2	37.2	37.2	37.2	37.7	37.7
3000	21.3	24.2	27.2	32.1	33.9	34.4	35.1	36.2	37.0	37.2	37.2	37.2	37.2	37.2	37.7	37.7
3500	21.4	24.6	27.6	32.5	34.2	34.7	35.9	36.6	37.3	37.6	37.6	37.6	37.6	37.6	38.1	38.1
4000	22.1	25.6	28.6	33.5	35.2	35.7	36.5	37.6	38.3	38.6	38.6	38.6	38.6	38.6	39.1	39.1
4500	22.7	26.6	29.8	35.1	37.1	37.6	38.3	39.4	40.3	40.5	40.5	40.5	40.5	40.5	41.1	41.1
5000	24.5	28.6	31.9	37.8	39.8	40.4	41.2	42.3	43.1	43.4	43.4	43.4	43.4	43.4	43.9	43.9
5500	28.4	32.6	37.2	43.9	45.9	46.5	47.2	48.5	49.6	49.8	49.8	49.8	49.8	49.8	50.3	50.3
6000	28.8	33.5	38.1	45.7	47.1	47.8	48.7	50.1	51.2	51.5	51.5	51.5	51.5	51.5	52.0	52.0
6500	29.7	34.0	39.7	45.9	48.0	48.7	49.6	50.9	52.0	52.4	52.4	52.4	52.4	52.4	52.9	52.9
7000	30.4	35.8	41.2	48.8	51.1	51.9	52.8	54.4	55.5	55.9	55.9	55.9	55.9	55.9	56.4	56.4
7500	31.4	37.1	42.5	50.6	53.4	54.3	55.1	56.9	58.0	58.5	58.5	58.5	58.5	58.5	59.0	59.0
8000	34.9	41.3	47.2	56.5	59.7	60.7	61.6	63.3	64.4	64.9	64.9	64.9	64.9	64.9	65.4	65.4
8500	36.3	43.5	49.6	59.7	63.2	64.2	65.7	66.7	67.9	68.4	68.4	68.4	68.4	68.4	68.9	68.9
9000	39.2	47.3	53.8	64.8	68.5	69.5	70.6	72.6	73.7	74.2	74.3	74.3	74.3	74.3	74.8	74.8
9500	39.6	47.7	54.4	65.8	69.7	70.7	71.9	74.0	75.2	75.6	75.8	75.8	75.8	75.8	76.3	76.3
10000	40.4	48.9	56.5	69.6	75.4	76.4	77.6	79.9	81.0	81.5	81.6	81.6	81.6	81.6	82.1	82.1
10500	40.4	48.9	56.5	69.7	75.6	76.6	77.9	80.1	81.2	81.7	81.8	81.8	81.8	81.8	82.3	82.3
11000	40.9	49.4	57.5	71.2	77.5	78.5	80.7	82.2	83.3	84.1	84.2	84.2	84.2	84.2	84.7	84.7
11500	41.7	51.2	59.6	74.3	81.6	82.6	84.4	87.0	88.1	88.9	89.0	89.0	89.0	89.0	89.5	89.5
12000	41.7	51.3	59.7	75.2	82.7	83.8	85.9	88.6	89.7	90.5	90.6	90.6	90.6	90.6	91.1	91.1
12500	41.7	51.3	59.7	75.6	83.2	84.3	86.7	89.4	90.5	91.2	91.3	91.3	91.3	91.3	92.0	92.0
13000	41.7	51.3	59.7	75.9	83.4	84.8	87.1	90.0	91.1	91.8	92.0	92.0	92.0	92.0	92.6	92.6
13500	41.7	51.3	59.7	76.4	84.3	85.7	88.5	91.5	92.6	93.3	93.4	93.4	93.4	93.4	94.1	94.1
14000	41.7	51.3	59.7	76.5	84.5	85.9	88.9	92.0	93.1	93.8	93.9	93.9	93.9	93.9	94.6	94.6
14500	41.7	51.3	59.7	76.5	85.2	86.5	89.7	93.1	94.6	95.3	95.4	95.4	95.4	95.4	96.1	96.1
15000	41.7	51.3	59.7	76.5	85.4	86.8	90.0	93.9	95.7	96.5	96.7	96.7	96.7	96.7	97.3	97.3
15500	41.7	51.3	59.7	76.5	85.5	86.9	90.5	94.7	96.5	97.7	97.8	97.8	97.8	97.8	98.8	98.8
16000	41.7	51.3	59.7	76.5	85.7	87.2	92.6	94.8	96.7	97.9	98.3	98.3	98.3	98.3	99.4	99.4
16500	41.7	51.3	59.7	76.5	85.7	87.2	92.6	94.8	96.7	97.9	98.3	98.3	98.3	98.3	99.4	99.4
17000	41.7	51.3	59.7	76.5	85.7	87.2	92.6	94.8	96.7	97.9	98.3	98.3	98.3	98.3	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 400

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

CEILING VERSUS VISIBILITY

'3-5'

1-2-2422

TOTAL NUMBER OF OBSERVATIONS 312

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

73-87

1-2-1222

TOTAL NUMBER OF OBSERVATIONS 81

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19551 00040000 RAF JK

73-87

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

19551-0000

	VISIBILITY (STATUTE MILES)																							
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
1000	27.3	28.2	29.7	32.7	34.9	35.3	36.4	37.7	37.8	38.7	38.7	39.1	39.1	38.6	39.8	38.6	39.8	38.6	39.8	38.6	39.8	38.6	39.8	38.6
900	28.6	30.4	33.6	37.5	39.9	40.2	41.5	42.8	43.1	43.5	43.5	43.6	43.6	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
800	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
700	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
600	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
500	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
400	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
300	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
200	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
100	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
000	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
900	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
800	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
700	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
600	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
500	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
400	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
300	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
200	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
100	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
000	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
900	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
800	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
700	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
600	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
500	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
400	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
300	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
200	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
100	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
000	28.6	30.4	33.7	37.7	40.0	40.4	41.6	43.0	43.1	43.6	43.6	43.7	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3

TOTAL NUMBER OF OBSERVATIONS 810

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

CEILING VERSUS VISIBILITY

3-2

NLG.V

~~44-3-2300~~

TOTAL NUMBER OF OBSERVATIONS 879

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 000000 RAF UK

73-87

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY: STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
≥ 20000	19.7	22.8	25.7	29.9	31.6	32.0	33.1	34.3	34.7	35.0	35.0	35.1	35.2	35.5	35.5	35.5
≥ 18000	22.6	27.4	30.9	35.6	37.7	38.2	39.3	40.7	41.3	41.6	41.7	41.8	41.8	42.1	42.2	42.2
≥ 16000	22.7	27.5	31.0	36.0	37.9	38.4	39.6	40.9	41.3	41.8	41.9	42.0	42.0	42.3	42.4	42.4
≥ 14000	22.8	27.7	31.1	36.2	38.1	38.6	39.8	41.1	41.5	42.0	42.1	42.2	42.2	42.5	42.6	42.6
≥ 12000	23.1	28.1	31.5	36.6	38.6	39.2	40.3	41.7	42.1	42.5	42.6	42.8	42.8	43.1	43.2	43.2
≥ 10000	24.2	29.5	33.1	38.4	40.5	41.1	42.3	43.7	44.2	44.7	44.9	44.9	45.0	45.3	45.3	45.4
≥ 8000	25.5	31.0	34.8	40.9	43.1	43.7	45.0	46.4	46.8	47.3	47.4	47.6	47.6	47.9	48.0	48.2
≥ 6000	28.4	34.7	39.1	46.7	48.5	49.1	50.5	52.0	52.6	53.2	53.3	53.4	53.4	53.7	53.8	53.8
≥ 4000	29.2	35.6	40.2	47.5	50.0	50.7	52.1	53.7	54.4	55.0	55.1	55.2	55.2	55.5	55.6	55.6
≥ 2000	29.3	35.8	40.4	47.9	50.4	51.1	52.5	54.1	54.8	55.4	55.5	55.6	55.6	55.9	56.0	56.1
≥ 1000	30.8	38.0	43.0	51.1	53.8	54.4	55.9	57.6	58.3	58.9	59.0	59.1	59.2	59.5	59.5	59.6
≥ 800	31.7	39.1	44.1	52.5	55.5	56.2	57.8	59.7	60.3	60.9	61.0	61.2	61.2	61.5	61.6	61.6
≥ 600	34.7	43.2	48.8	58.5	61.9	62.6	64.4	66.2	67.0	67.6	67.7	67.8	67.9	68.2	68.2	68.3
≥ 400	37.1	46.2	52.2	62.7	66.3	67.1	69.0	70.9	71.6	72.2	72.3	72.5	72.5	72.8	72.9	72.9
≥ 200	39.3	49.7	56.4	67.9	71.7	72.5	74.6	76.6	77.3	78.0	78.1	78.2	78.3	78.6	78.7	78.7
≥ 100	39.7	50.1	57.0	68.9	72.9	73.7	75.8	77.8	78.6	79.2	79.3	79.5	79.5	79.8	79.9	80.0
≥ 80	40.8	51.9	59.2	72.5	77.1	78.1	80.4	82.5	83.3	84.0	84.2	84.3	84.4	84.7	84.8	84.8
≥ 60	40.9	52.1	59.4	72.8	77.5	78.5	80.8	82.9	83.7	84.4	84.6	84.7	84.8	85.1	85.2	85.2
≥ 40	41.4	52.8	60.3	74.3	79.4	80.4	82.8	84.9	85.8	86.5	86.7	86.8	86.9	87.2	87.3	87.4
≥ 20	41.9	53.8	61.6	76.8	82.4	83.5	86.3	88.6	89.4	90.2	90.3	90.4	90.5	90.9	91.0	91.0
≥ 10	42.0	54.0	62.0	77.6	83.5	84.6	87.7	90.1	91.0	91.8	91.9	92.1	92.1	92.5	92.6	92.6
≥ 5	42.0	54.1	62.2	78.0	84.0	85.2	88.3	90.8	91.7	92.4	92.6	92.7	92.8	93.2	93.3	93.3
≥ 3	42.0	54.2	62.3	78.3	84.7	85.9	89.2	91.7	92.7	93.4	93.5	93.7	93.8	94.1	94.2	94.3
≥ 2	42.1	54.3	62.3	78.7	85.3	86.6	90.0	92.5	93.6	94.4	94.5	94.7	94.7	95.1	95.2	95.3
≥ 1	42.1	54.4	62.4	79.0	85.6	87.0	90.6	93.1	94.3	95.1	95.2	95.3	95.4	95.8	95.9	95.9
≥ 500	42.1	54.4	62.5	79.2	86.1	87.5	91.2	94.0	95.2	96.1	96.2	96.4	96.5	96.9	97.0	97.0
≥ 400	42.1	54.4	62.5	79.3	86.3	87.7	91.4	94.4	95.7	96.6	96.8	96.9	97.0	97.4	97.5	97.6
≥ 300	42.1	54.4	62.5	79.3	86.5	87.8	91.7	94.7	96.1	97.2	97.4	97.6	97.7	98.3	98.5	98.5
≥ 200	42.1	54.4	62.5	79.3	86.5	87.8	91.7	94.8	96.2	97.3	97.6	97.8	97.9	98.8	99.1	99.4
≥ 100	42.1	54.4	62.5	79.3	86.5	87.8	91.7	94.8	96.2	97.3	97.6	97.8	98.0	98.9	99.3	100.0
≥ 50	42.1	54.4	62.5	79.3	86.5	87.8	91.7	94.8	96.2	97.3	97.6	97.8	98.0	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 5588

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75051 000BRIDGE RAF UK

73-74, 76-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0000

CEILING FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)			
	210	20	25	24	23	22	22	21	21	21	20	20	20	20	20	20	20	20	20	20
NO CEILING 20000	18.1	21.4	24.2	29.4	31.8	32.2	33.2	33.6	34.7	34.4	34.4	34.4	35.0	35.3	35.3	35.5	35.5	35.5	35.5	35.5
2 18000	19.3	22.9	25.9	31.1	33.5	33.9	35.0	35.4	35.8	36.2	36.6	36.8	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4
2 16000	19.4	23.1	26.1	31.3	33.6	34.0	35.2	35.5	35.9	36.3	36.7	37.0	37.2	37.2	37.2	37.5	37.5	37.5	37.5	37.5
2 14000	19.4	23.2	26.2	31.4	33.7	34.1	35.3	35.7	36.1	36.5	36.9	37.1	37.4	37.4	37.4	37.6	37.6	37.6	37.6	37.6
2 12000	19.7	23.4	26.4	31.6	34.0	34.4	35.5	35.9	36.3	36.7	37.1	37.4	37.6	37.6	37.6	37.9	37.9	37.9	37.9	37.9
2 10000	20.4	24.2	27.2	32.6	35.0	35.4	36.6	37.0	37.4	37.8	38.2	38.4	38.7	38.7	38.7	38.9	38.9	38.9	38.9	38.9
2 9000	21.2	25.0	28.1	33.5	35.9	36.3	37.5	37.9	38.3	38.7	39.1	39.3	39.6	39.6	39.6	39.8	39.8	39.8	39.8	39.8
2 8000	23.8	28.9	32.4	39.9	41.5	42.1	43.5	43.9	44.5	44.9	45.3	45.6	45.9	45.9	45.9	46.1	46.1	46.1	46.1	46.1
2 7000	24.7	29.3	32.8	39.7	42.3	43.3	44.4	44.8	45.4	45.8	46.2	46.5	46.7	46.7	46.7	47.0	47.0	47.0	47.0	47.0
2 6000	24.2	29.6	33.5	40.4	43.0	43.6	45.1	45.4	46.1	46.5	46.9	47.1	47.4	47.4	47.4	47.7	47.7	47.7	47.7	47.7
2 5000	25.7	31.5	35.4	43.8	46.6	47.4	48.8	49.5	50.1	50.5	50.9	51.2	51.4	51.4	51.4	51.7	51.7	51.7	51.7	51.7
2 4000	26.2	32.3	36.2	44.5	47.5	48.3	49.7	50.4	51.0	51.4	51.8	52.1	52.3	52.3	52.3	52.6	52.6	52.6	52.6	52.6
2 3500	29.4	35.8	40.4	50.1	53.5	54.3	55.7	56.5	57.2	57.6	57.9	58.2	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7
2 3000	30.2	37.0	42.7	53.9	57.4	58.2	59.8	60.5	61.2	61.8	62.2	62.5	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0
2 2500	32.9	40.9	46.7	59.4	63.3	64.1	65.8	66.8	67.6	68.2	68.8	69.1	69.4	69.4	69.4	69.7	69.7	69.7	69.7	69.7
2 2000	34.3	42.3	48.3	61.1	65.1	65.9	67.7	68.8	69.5	70.3	70.8	71.2	71.6	71.6	71.6	71.9	71.9	71.9	71.9	71.9
2 1800	35.2	43.6	50.3	63.9	69.0	69.8	71.6	72.7	73.6	74.3	74.9	75.3	75.7	75.7	75.7	76.0	76.0	76.0	76.0	76.0
2 1600	35.8	44.4	51.3	65.2	71.4	71.2	73.0	74.1	75.0	75.8	76.3	76.7	77.1	77.1	77.1	77.5	77.5	77.5	77.5	77.5
2 1400	36.8	46.0	53.3	68.2	74.0	74.7	76.7	77.7	78.6	79.4	79.9	80.3	80.7	80.7	80.7	81.1	81.1	81.1	81.1	81.1
2 1200	36.9	46.9	54.4	71.0	77.2	78.0	80.6	81.6	82.6	83.3	83.9	84.2	84.6	84.6	84.6	85.0	85.0	85.0	85.0	85.0
2 1000	37.3	47.0	54.9	72.5	78.9	79.7	82.4	83.6	84.5	85.3	85.8	86.3	86.7	86.7	86.7	87.1	87.1	87.1	87.1	87.1
2 900	37.0	47.0	54.9	72.7	79.4	80.2	83.3	84.5	85.4	86.2	86.7	87.2	87.6	87.6	87.6	88.0	88.0	88.0	88.0	88.0
2 800	37.1	47.1	55.1	73.0	80.1	80.9	84.1	85.3	86.2	87.0	87.5	88.0	88.4	88.4	88.4	88.8	88.8	88.8	88.8	88.8
2 700	37.2	47.5	55.5	73.7	81.0	81.8	85.4	87.0	87.9	88.7	89.2	89.7	90.1	90.1	90.1	90.5	90.5	90.5	90.5	90.5
2 600	37.5	47.8	55.7	74.5	81.9	82.8	87.2	89.2	90.2	91.0	91.5	92.1	92.4	92.4	92.4	92.8	92.8	92.8	92.8	92.8
2 500	37.5	47.8	55.7	74.6	82.2	83.1	88.3	90.5	91.8	92.6	93.1	93.6	94.0	94.0	94.0	94.4	94.4	94.4	94.4	94.4
2 400	37.5	47.8	55.7	74.6	82.2	83.1	88.3	90.5	91.8	92.6	93.1	93.6	94.0	94.0	94.0	94.4	94.4	94.4	94.4	94.4
2 300	37.5	47.8	55.7	74.9	82.4	83.3	89.6	92.3	94.1	95.3	95.8	96.4	96.7	96.7	96.7	97.3	97.3	97.3	97.3	97.3
2 200	37.5	47.8	55.7	74.9	82.4	83.3	89.6	92.6	94.5	95.7	96.4	96.9	97.3	97.3	97.3	97.9	97.9	97.9	97.9	97.9
2 100	37.5	47.8	55.7	74.9	82.4	83.3	89.6	92.6	94.5	95.8	96.5	97.0	97.5	97.5	97.5	98.4	98.4	98.4	98.4	98.4
2 000	37.5	47.8	55.7	74.9	82.4	83.3	89.6	92.6	94.5	95.8	96.5	97.0	97.5	97.5	97.5	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 768

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75951 WOODSRIIDGE RAF UK

73-74,76-82

01C

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-75951

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																			
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8
20000	19.7	20.8	23.5	27.2	37.1	40.2	32.7	32.1	32.5	33.1	33.1	33.5	33.5	33.7	34.2	34.2	34.2	34.2	34.2	34.2
18000	20.1	22.3	25.3	29.1	32.7	32.8	34.6	34.7	35.1	35.7	35.7	36.1	36.1	36.3	36.7	36.7	36.7	36.7	36.7	36.7
16000	21.2	22.4	25.4	29.2	32.8	32.9	34.7	34.8	35.2	35.8	35.8	36.2	36.2	36.5	36.9	36.9	36.9	36.9	36.9	36.9
14000	21.2	22.4	25.4	29.2	32.8	32.9	34.7	34.8	35.2	35.8	35.8	36.2	36.2	36.5	36.9	36.9	36.9	36.9	36.9	36.9
12000	21.0	23.2	26.2	30.2	33.7	33.9	35.7	35.8	36.2	36.7	36.7	37.2	37.2	37.4	37.8	37.8	37.8	37.8	37.8	37.8
10000	21.7	23.5	26.5	30.6	34.2	34.3	36.1	36.2	36.6	37.2	37.2	37.6	37.6	37.8	38.3	38.3	38.3	38.3	38.3	38.3
8000	24.2	27.3	31.1	36.2	40.7	40.2	42.1	42.2	42.9	43.6	43.6	44.0	44.0	44.3	44.7	44.7	44.7	44.7	44.7	44.7
6000	24.9	28.4	32.2	37.3	41.7	41.8	43.9	44.0	44.7	45.4	45.4	45.8	45.8	46.0	46.4	46.4	46.4	46.4	46.4	46.4
4000	24.9	28.4	32.4	37.4	41.8	41.9	44.0	44.1	44.8	45.5	45.5	45.9	45.9	46.2	46.6	46.6	46.6	46.6	46.6	46.6
2000	25.8	29.9	33.9	39.1	43.7	44.0	46.7	46.2	46.9	47.5	47.5	48.0	48.0	48.2	48.6	48.6	48.6	48.6	48.6	48.6
1000	26.5	30.9	34.9	40.3	45.1	45.4	47.7	47.8	48.5	49.2	49.2	49.6	49.6	49.9	50.3	50.3	50.3	50.3	50.3	50.3
500	29.5	34.8	39.7	47.0	51.9	52.2	54.5	54.6	55.3	56.0	56.0	56.4	56.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1
250	31.7	36.7	42.2	50.8	55.7	56.0	58.3	58.5	59.2	59.8	59.8	60.2	60.2	60.5	60.9	60.9	60.9	60.9	60.9	60.9
150	33.3	40.7	47.7	56.8	62.4	62.8	65.3	65.4	66.5	67.3	67.3	67.9	67.9	68.2	68.6	68.6	68.6	68.6	68.6	68.6
100	34.0	41.4	48.0	59.0	64.6	65.0	67.5	67.6	68.7	69.5	69.5	70.1	70.1	70.4	70.8	70.8	70.8	70.8	70.8	70.8
50	36.1	44.5	52.2	63.9	69.8	70.5	73.0	73.1	74.2	75.0	75.0	75.5	75.5	75.8	76.2	76.2	76.2	76.2	76.2	76.2
25	36.3	44.9	52.6	64.6	70.9	71.6	74.0	74.2	75.3	76.1	76.1	76.6	76.6	76.9	77.3	77.3	77.3	77.3	77.3	77.3
15	36.9	46.2	54.7	66.4	73.2	74.0	76.6	76.8	77.9	78.7	78.7	79.2	79.2	79.5	79.9	79.9	79.9	79.9	79.9	79.9
10	37.7	47.5	55.9	69.8	77.7	79.0	82.1	82.5	83.6	84.4	84.4	85.0	85.0	85.2	85.7	85.7	85.7	85.7	85.7	85.7
5	37.7	47.5	55.9	70.5	79.6	80.1	83.2	83.6	85.1	85.9	85.9	86.5	86.5	86.7	87.2	87.2	87.2	87.2	87.2	87.2
2	37.7	47.5	56.3	71.0	79.1	80.6	83.9	84.3	85.8	86.6	86.6	87.2	87.2	87.4	87.8	87.8	87.8	87.8	87.8	87.8
1	38.2	47.8	56.6	71.4	79.9	81.4	84.7	85.1	86.6	87.4	87.4	88.0	88.0	88.3	88.7	88.7	88.7	88.7	88.7	88.7
0.5	38.1	48.2	56.7	72.0	81.6	83.2	86.5	87.3	88.8	89.6	89.6	90.2	90.2	90.4	90.8	90.8	90.8	90.8	90.8	90.8
0.2	38.1	48.2	56.7	72.3	82.5	84.3	88.4	89.6	91.1	91.9	91.9	92.5	92.5	92.8	93.2	93.2	93.2	93.2	93.2	93.2
0.1	38.5	48.4	57.1	72.7	83.1	85.0	89.8	91.0	92.9	93.7	93.7	94.3	94.3	94.5	94.9	94.9	94.9	94.9	94.9	94.9
0.05	38.5	48.4	57.1	72.7	83.2	85.4	90.4	91.9	94.0	94.9	94.9	95.1	95.1	95.6	95.9	95.9	95.9	95.9	95.9	95.9
0.02	38.5	48.4	57.1	73.1	83.6	85.8	90.8	92.6	94.7	95.6	95.6	96.6	96.6	96.9	97.3	97.3	97.3	97.3	97.3	97.3
0.01	38.5	48.4	57.1	73.1	83.6	85.8	91.0	92.8	94.9	96.2	96.4	97.1	97.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1
0.005	38.5	48.4	57.1	73.1	83.6	85.8	91.0	92.8	94.9	96.2	96.4	97.1	97.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 732

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35951 000BRIDGE RAF UK

73-74-76-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000

CEILING FEET	VISIBILITY: STATUTE MILES																OR (HUNDREDS OF METERS)			
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	2510	24	20	
NO CEILING	17.2	21.2	23.0	21.1	29.8	28.9	32.7	31.7	31.8	32.7	32.7	32.0	32.7	32.7	32.7	32.7	32.0	32.0	32.2	
≥ 25000	18.6	22.8	24.9	23.2	31.1	31.2	33.2	34.6	34.9	35.7	35.7	35.0	35.7	35.7	35.7	35.7	35.0	35.0	35.3	
≥ 18000	18.6	22.9	25.7	28.3	31.2	31.3	33.3	34.7	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.4	
≥ 6000	18.6	22.9	25.7	28.3	31.2	31.3	33.3	34.7	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.4	
≥ 14000	18.6	23.1	25.1	28.4	31.3	31.4	33.4	34.9	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.5	
≥ 12000	18.7	23.3	25.4	28.7	31.6	31.7	33.8	35.3	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.9	
≥ 10000	19.1	23.8	25.9	29.2	32.1	32.2	34.3	35.8	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.8	
≥ 9000	19.6	24.9	27.7	30.5	33.4	33.6	35.7	37.1	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	38.2	
≥ 8000	22.1	27.8	30.3	34.7	38.3	38.4	40.5	42.0	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	43.2	
≥ 7000	22.5	28.4	31.9	35.8	39.3	39.5	41.6	43.7	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.2	
≥ 6000	22.5	28.6	31.2	36.1	39.6	39.7	41.8	43.3	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.5	
≥ 5000	23.9	30.7	33.6	38.8	42.5	42.6	45.7	46.4	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.6	
≥ 4500	24.1	31.3	34.2	39.6	43.4	43.6	45.9	47.4	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.6	
≥ 4000	26.1	34.5	38.7	44.3	48.8	48.9	51.3	53.0	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.2	
≥ 3500	28.2	37.1	41.1	48.4	53.4	53.7	56.4	58.3	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.6	
≥ 3000	29.6	39.2	44.7	52.9	59.0	58.4	61.3	63.3	64.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.1	
≥ 2500	30.9	40.7	46.2	54.7	60.0	60.4	63.6	65.5	66.4	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.4	
≥ 2000	33.4	45.3	51.8	61.3	66.8	67.2	70.5	72.5	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.6	
≥ 1800	33.8	45.8	52.5	62.5	68.0	68.4	71.8	73.8	74.9	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.7	75.7	75.9	
≥ 1500	34.5	47.7	53.8	64.7	71.4	70.9	74.5	76.8	77.9	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.9	
≥ 1200	35.1	48.6	55.8	67.8	73.9	74.9	79.1	81.6	82.8	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.7	83.7	83.9	
≥ 1000	35.4	48.9	56.4	68.7	75.3	76.4	80.9	83.4	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.8	85.8	86.1	
≥ 900	35.5	49.1	56.7	69.1	76.1	77.2	81.4	84.3	85.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.7	86.8	87.1	
≥ 800	35.8	49.3	57.1	71.5	78.0	79.3	84.1	86.6	88.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.6	89.6	89.9	
≥ 700	35.8	49.3	57.1	71.7	78.2	79.5	84.3	87.0	88.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.3	90.3	90.5	
≥ 600	35.8	49.3	57.1	71.2	78.7	80.3	86.1	89.2	91.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.5	92.5	92.8	
≥ 500	35.8	49.3	57.1	71.6	79.3	80.9	87.7	90.5	92.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.1	94.2	94.5	
≥ 400	35.8	49.3	57.1	71.8	79.9	81.4	87.9	91.6	93.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.5	95.7	95.9	
≥ 300	35.8	49.3	57.1	72.2	81.3	81.8	88.4	93.0	95.3	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.4	97.5	97.8	
≥ 200	35.8	49.3	57.1	72.2	81.3	81.8	88.4	93.2	95.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.2	
≥ 100	35.8	49.3	57.1	72.2	81.3	81.8	88.4	93.2	95.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.2	
≥ 0	35.8	49.3	57.1	72.2	81.3	81.8	88.4	93.2	95.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.2	

TOTAL NUMBER OF OBSERVATIONS 760

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

076951 WOODBRIDGE RAF UK

73-74-76-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

920-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
≥20000	13.6	16.9	18.2	22.2	23.5	23.9	25.7	25.6	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥18000	16.4	21.3	23.6	28.5	30.3	30.8	32.2	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.6	33.6
≥16000	16.5	21.5	23.8	28.7	30.7	31.2	32.6	33.3	33.7	33.8	33.8	33.8	33.8	33.8	33.9	33.9
≥14000	16.5	21.5	23.8	28.7	30.7	31.2	32.6	33.3	33.7	33.8	33.8	33.8	33.8	33.8	33.9	33.9
≥12000	16.5	21.5	23.8	28.7	30.7	31.2	32.6	33.3	33.7	33.8	33.8	33.8	33.8	33.8	33.9	33.9
≥10000	17.1	22.4	25.2	30.3	32.2	32.8	34.3	35.0	35.4	35.5	35.5	35.5	35.5	35.5	35.6	35.6
≥9000	17.5	23.5	26.4	31.9	33.9	34.5	36.0	36.7	37.1	37.2	37.2	37.2	37.2	37.2	37.3	37.3
≥8000	21.0	26.3	29.6	37.0	39.4	40.0	42.1	42.9	43.3	43.8	43.8	43.9	43.9	43.9	44.0	44.0
≥7000	27.8	27.5	31.9	38.3	41.7	41.3	43.4	44.2	44.5	45.1	45.1	45.2	45.2	45.2	45.3	45.3
≥6000	20.8	27.5	30.9	38.4	41.8	41.5	43.5	44.4	44.7	45.2	45.2	45.3	45.3	45.3	45.5	45.5
≥5000	21.9	29.0	32.6	40.2	42.9	43.5	45.6	46.4	46.8	47.3	47.3	47.4	47.4	47.4	47.5	47.5
≥4500	22.5	29.7	33.3	41.2	44.4	45.1	47.2	48.0	48.4	48.8	48.8	49.0	49.0	49.0	49.1	49.1
≥4000	24.7	33.3	37.3	46.9	50.2	50.9	53.2	54.2	54.5	55.2	55.2	55.3	55.3	55.3	55.4	55.4
≥3500	26.5	36.4	40.8	51.5	55.8	56.5	59.2	60.2	60.6	61.2	61.2	61.3	61.3	61.3	61.5	61.5
≥3000	29.0	40.5	46.1	58.7	63.2	64.0	66.8	68.4	68.7	69.7	69.7	69.8	69.8	69.8	69.9	69.9
≥2500	29.1	40.7	46.3	59.2	63.9	64.7	67.5	69.1	69.5	70.4	70.4	70.5	70.5	70.5	70.7	70.7
≥2000	30.1	42.4	49.0	63.4	68.4	69.6	72.7	74.7	75.2	76.5	76.5	76.6	76.6	76.6	76.7	76.7
≥1800	31.3	42.8	49.5	64.4	69.5	70.7	73.8	76.0	76.5	77.8	77.8	77.9	77.9	77.9	78.1	78.1
≥1500	31.4	44.5	51.3	67.5	72.7	73.9	77.5	79.8	80.2	81.6	81.6	81.7	81.7	81.7	81.8	81.8
≥1200	31.4	44.7	51.9	68.8	74.4	75.8	80.4	82.8	83.3	84.7	84.7	84.8	84.8	84.8	85.0	85.0
≥1000	31.4	44.7	51.9	69.2	75.2	76.5	81.2	83.6	84.2	85.7	85.7	85.8	85.8	85.8	85.9	85.9
≥900	31.5	44.8	52.0	69.6	75.5	76.8	81.6	84.0	84.7	86.5	86.5	86.7	86.7	86.7	86.8	86.8
≥800	31.5	44.8	52.0	69.8	76.8	78.3	83.2	85.6	86.3	88.2	88.2	88.4	88.4	88.4	88.5	88.5
≥700	31.8	45.1	52.2	70.8	77.9	79.4	84.5	87.3	88.2	90.2	90.2	90.3	90.3	90.3	90.4	90.4
≥600	31.8	45.1	52.2	71.9	79.2	80.7	85.9	89.3	90.4	92.5	92.5	92.6	92.6	92.6	92.7	92.7
≥500	31.8	45.1	52.2	72.1	79.5	81.7	87.2	90.7	92.4	94.7	94.8	94.9	95.2	95.4	95.5	95.5
≥400	31.8	45.1	52.2	72.4	79.8	81.9	87.4	91.0	93.6	96.4	96.5	96.6	96.8	97.1	97.2	97.2
≥300	31.8	45.1	52.2	72.4	79.8	81.9	87.4	91.2	93.9	97.0	97.1	97.2	97.5	97.7	97.8	97.8
≥200	31.8	45.1	52.2	72.4	79.8	81.9	87.4	91.3	94.1	97.1	97.3	97.6	98.1	98.5	99.2	99.8
≥100	31.8	45.1	52.2	72.4	79.8	81.9	87.4	91.3	94.1	97.1	97.3	97.6	98.1	98.7	99.3	100.0
≥0	31.8	45.1	52.2	72.4	79.8	81.9	87.4	91.3	94.1	97.1	97.3	97.6	98.1	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 825

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 175951 WOODBRIDGE RAF UK

73-74, 76-82

REF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
≥20000	15.3	18.4	20.6	26.1	27.2	27.3	27.8	28.7	29.7	28.2	28.7	23.5	24.7	28.1	28.1	28.1
≥18000	19.2	23.6	26.8	33.6	34.7	34.8	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.6	35.6	35.6
≥16000	19.2	23.6	26.8	33.9	35.4	35.5	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.4	36.4	36.4
≥14000	19.4	23.9	27.1	34.2	35.6	35.8	36.2	36.5	36.5	36.5	36.5	36.5	36.5	36.6	36.6	36.6
≥12000	19.9	24.5	27.8	34.9	36.4	36.5	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.3	37.3	37.3
≥10000	20.7	25.6	29.2	36.4	37.9	38.1	39.5	38.8	38.8	38.8	38.8	38.8	38.8	38.9	38.9	38.9
≥8000	21.1	26.2	29.8	37.2	38.9	39.0	39.5	39.8	39.8	39.8	39.8	39.8	39.8	39.9	39.9	39.9
≥6000	23.6	29.9	33.9	42.9	45.2	45.3	45.8	46.2	46.3	46.5	46.5	46.5	46.5	46.7	46.7	46.7
≥4000	23.8	32.5	34.5	43.8	46.3	46.4	46.9	47.3	47.4	47.6	47.6	47.6	47.6	47.8	47.8	47.8
≥2000	24.1	30.9	34.9	44.1	46.7	46.8	47.3	47.6	47.8	48.0	48.0	48.0	48.0	48.1	48.1	48.1
≥1000	25.3	32.4	36.5	46.3	49.3	49.5	50.1	50.4	50.5	50.8	50.8	50.8	50.8	50.9	50.9	50.9
≥500	25.8	33.0	37.5	47.9	50.9	51.7	51.6	52.0	52.1	52.4	52.4	52.4	52.4	52.5	52.5	52.5
≥250	28.2	36.6	41.3	52.4	56.0	56.1	56.7	57.1	57.3	57.6	57.6	57.6	57.6	57.7	57.7	57.7
≥125	29.3	38.9	44.1	56.1	61.5	61.6	61.6	62.1	62.3	62.5	62.5	62.5	62.5	62.7	62.7	62.7
≥62.5	31.4	42.8	48.1	61.6	66.3	66.4	67.8	68.7	69.1	69.2	69.2	69.2	69.2	69.3	69.3	69.3
≥31.25	31.9	43.3	49.1	62.8	67.6	67.8	69.1	70.1	70.4	70.7	70.7	70.7	70.7	70.8	70.8	70.8
≥15.625	33.9	46.8	53.2	68.5	73.9	74.1	76.1	77.7	78.1	78.3	78.3	78.3	78.3	78.5	78.5	78.5
≥7.8125	33.9	46.8	53.5	69.5	75.3	75.5	77.4	79.4	79.8	80.0	80.0	80.0	80.1	80.2	80.2	80.2
≥3.90625	34.5	47.6	54.4	70.7	76.8	77.1	79.2	81.0	81.3	81.6	81.6	81.6	81.7	81.8	81.8	81.8
≥1.953125	34.8	48.1	55.6	73.8	80.6	80.8	83.9	85.7	86.1	86.3	86.4	86.4	86.5	86.7	86.7	86.7
≥0.9765625	35.7	48.6	56.2	74.8	81.9	82.2	85.3	87.3	87.6	88.7	88.7	88.7	88.7	88.8	88.8	88.8
≥0.48828125	35.7	48.8	56.5	75.4	82.8	83.2	86.8	88.8	89.5	89.8	89.9	89.9	90.1	90.2	90.2	90.2
≥0.244140625	35.0	49.1	56.7	76.7	83.5	83.9	87.6	89.7	90.3	90.8	90.9	90.9	91.1	91.2	91.2	91.2
≥0.1220703125	35.7	49.2	56.8	76.5	84.0	84.4	88.5	90.7	91.4	91.9	92.0	92.0	92.1	92.2	92.2	92.2
≥0.06103515625	35.7	49.2	56.8	76.8	84.7	85.2	89.3	91.6	92.5	93.2	93.3	93.3	93.6	93.7	93.7	93.7
≥0.030517578125	35.0	49.2	57.0	77.3	85.3	85.8	90.4	93.9	95.3	96.5	96.8	96.8	97.2	97.3	97.3	97.3
≥0.0152587890625	35.0	49.2	57.0	77.3	85.3	85.8	90.4	94.5	95.9	97.3	97.7	97.7	98.1	98.2	98.2	98.2
≥0.00762939453125	35.0	49.2	57.0	77.3	85.3	85.8	90.4	94.7	96.0	97.6	98.1	98.1	98.4	98.5	98.5	98.5
≥0.003814697265625	35.0	49.2	57.0	77.3	85.3	85.8	90.4	94.7	96.0	97.7	98.2	98.2	98.7	98.8	98.8	98.8
≥0.0019073486328125	35.0	49.2	57.0	77.3	85.3	85.8	90.4	94.7	96.0	97.7	98.2	98.3	98.7	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 825

USAF ETAC 1200 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73951 WOODBRIDGE RAF UK

73-74,76-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15.0-17.00

CEILING FEET	VISIBILITY: STATUTE MILES															
	OR (HUNDREDS OF METERS)															
	210	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
21000	15.1	19.7	21.4	26.4	27.7	27.9	29.7	29.7	29.8	30.0	30.2	30.2	30.2	30.3	30.3	30.3
20000	18.5	24.3	26.8	33.1	34.4	34.5	36.3	36.6	36.7	37.0	37.1	37.1	37.1	37.2	37.2	37.2
18000	18.6	24.5	27.0	33.6	34.9	35.0	36.7	37.1	37.2	37.5	37.6	37.6	37.6	37.7	37.7	37.7
16000	18.5	24.5	27.0	33.6	34.9	35.0	36.7	37.1	37.2	37.5	37.6	37.6	37.6	37.7	37.7	37.7
14000	18.7	24.6	27.1	33.7	35.0	35.2	36.9	37.2	37.3	37.6	37.7	37.7	37.7	37.8	37.8	37.8
12000	18.7	24.9	27.5	34.1	35.4	35.5	37.2	37.6	37.7	38.0	38.1	38.1	38.1	38.2	38.2	38.2
10000	20.1	26.6	29.3	36.0	37.6	37.7	39.4	39.9	40.0	40.3	40.4	40.4	40.4	40.5	40.5	40.5
9000	21.7	27.3	29.9	37.0	38.6	38.7	40.4	40.9	41.0	41.2	41.4	41.4	41.4	41.5	41.5	41.5
8000	23.6	31.1	34.1	42.7	45.3	45.4	47.1	47.7	47.8	48.5	48.7	48.7	48.7	48.8	48.8	48.8
7000	24.7	31.6	34.7	43.7	46.2	46.4	48.1	48.7	48.8	49.5	49.6	49.6	49.6	49.8	49.8	49.8
6000	24.1	31.8	34.8	43.8	46.4	46.5	48.2	48.8	48.9	49.6	49.8	49.8	49.8	49.9	49.9	49.9
5000	24.9	33.5	37.2	46.6	49.3	49.4	51.1	51.7	51.8	52.6	52.7	52.7	52.7	52.8	52.8	52.8
4500	25.2	33.8	37.7	47.8	50.5	50.6	52.3	52.9	53.0	53.8	53.9	53.9	53.9	54.0	54.0	54.0
4000	26.8	36.0	40.4	51.2	54.1	54.4	56.3	56.9	57.1	57.8	57.9	57.9	57.9	58.0	58.0	58.0
3500	27.9	37.8	42.9	55.2	59.0	59.2	61.4	62.0	62.0	62.9	63.0	63.0	63.0	63.1	63.1	63.1
3000	29.7	41.1	47.1	60.8	64.7	65.0	67.6	68.5	68.7	69.6	69.7	69.7	69.7	69.8	69.8	69.8
2500	29.9	42.0	47.9	62.2	66.2	66.4	69.1	70.0	70.7	71.5	71.7	71.7	71.7	71.8	71.8	71.8
2000	31.7	43.4	49.8	65.6	70.3	70.9	73.8	75.3	76.2	77.4	77.5	77.5	77.5	77.6	77.7	77.7
1800	31.1	44.2	50.5	67.0	71.9	72.5	75.4	77.0	77.9	79.1	79.2	79.2	79.3	79.4	79.4	79.4
1500	31.1	44.4	50.9	68.5	74.0	74.7	77.9	79.4	80.4	81.6	81.7	81.8	81.9	82.0	82.0	82.0
1200	31.9	45.4	51.9	71.3	77.5	78.2	82.6	84.3	85.3	86.5	86.6	86.6	86.7	86.9	86.9	86.9
1000	32.0	45.6	52.3	72.0	78.8	79.6	83.9	85.8	86.9	88.3	88.4	88.4	88.6	88.7	88.7	88.7
900	32.3	45.6	52.3	72.1	79.3	80.0	84.7	86.6	87.7	89.2	89.3	89.3	89.4	89.5	89.5	89.5
800	32.0	45.6	52.3	72.9	80.3	81.0	85.9	88.7	89.9	91.4	91.5	91.5	91.6	91.7	91.7	91.7
700	32.2	45.9	52.6	73.1	81.5	81.4	86.6	89.9	91.1	92.6	92.8	92.8	92.9	93.1	93.1	93.1
600	32.4	46.1	52.9	73.5	81.1	82.1	88.1	91.7	93.1	94.6	94.9	94.9	95.1	95.3	95.3	95.3
500	32.4	46.1	53.0	73.6	81.4	82.4	88.6	92.6	94.5	96.4	96.6	96.6	96.8	97.0	97.0	97.0
400	32.4	46.1	53.0	73.6	81.5	82.5	88.8	92.8	94.8	96.8	97.1	97.3	97.6	97.7	97.7	97.7
300	32.4	46.1	53.0	73.6	81.8	82.7	89.2	93.3	95.3	97.7	98.1	98.4	98.7	98.8	98.8	98.8
200	32.4	46.1	53.0	73.6	81.8	82.7	89.2	93.3	95.6	98.2	98.5	98.9	99.1	99.5	99.5	99.5
100	32.4	46.1	53.0	73.6	81.8	82.7	89.2	93.3	95.6	98.2	98.5	98.9	99.1	99.5	99.5	99.5
0	32.4	46.1	53.0	73.6	81.8	82.7	89.2	93.3	95.6	98.2	98.5	98.9	99.1	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 822

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

STATION 13051 WOODBRIDGE RAF JK

73-74,76-82

OFF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13 7-7000

VISIBILITY	OR (HUNDREDS OF METERS)															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5
1000	17.4	21.0	23.7	29.0	29.7	30.0	31.1	31.5	31.5	31.8	32.7	32.3	32.3	32.3	32.3	32.3
800	19.1	22.4	25.2	32.0	33.9	34.3	35.7	36.3	36.3	36.5	36.8	37.0	37.3	37.1	37.1	37.1
600	19.1	23.4	25.2	32.4	34.2	34.7	35.1	36.7	36.7	36.9	37.1	37.4	37.4	37.5	37.5	37.5
400	19.1	23.4	25.2	32.4	34.2	34.7	35.1	36.7	36.7	36.9	37.1	37.4	37.4	37.5	37.5	37.5
200	19.1	23.4	25.2	32.5	34.3	34.8	36.2	36.8	36.8	37.0	37.3	37.5	37.5	37.6	37.6	37.6
100	19.2	23.5	26.1	32.6	34.5	35.1	36.3	36.9	36.9	37.1	37.4	37.6	37.6	37.8	37.8	37.8
50	19.6	23.9	26.4	33.3	35.1	35.6	36.9	37.5	37.5	37.8	38.7	38.2	38.2	38.5	38.5	38.5
25	21.5	24.8	27.5	34.7	36.5	37.1	38.4	39.2	39.2	39.5	39.7	40.7	40.7	40.2	40.2	40.2
12.5	22.7	27.9	31.7	39.0	41.3	41.8	43.1	44.3	44.5	44.7	44.9	45.2	45.2	45.4	45.4	45.4
6.25	23.3	28.5	31.4	40.0	42.3	42.9	44.2	45.4	45.6	45.8	46.0	46.3	46.3	46.5	46.5	46.5
3.125	24.7	30.2	33.6	42.6	44.9	45.6	46.9	48.1	48.2	48.5	48.7	49.0	49.0	49.2	49.2	49.2
1.5625	24.8	30.3	34.0	44.2	46.8	47.4	48.7	49.9	50.1	50.3	50.5	50.8	50.8	51.0	51.0	51.0
0.78125	27.1	33.1	37.4	48.5	51.6	52.3	53.7	55.1	55.3	55.5	55.8	56.0	56.0	56.3	56.3	56.3
0.390625	28.5	35.1	39.6	51.8	55.4	56.0	57.9	59.2	59.4	59.7	59.9	60.2	60.2	60.4	60.4	60.4
0.1953125	31.2	39.3	44.8	58.8	62.9	63.5	65.8	67.1	67.5	67.8	68.1	68.3	68.3	68.6	68.6	68.6
0.09765625	31.9	40.4	45.9	60.3	64.3	64.9	67.2	68.9	69.7	70.0	70.3	70.5	70.5	70.8	70.8	70.8
0.048828125	32.9	41.8	47.0	64.6	68.9	69.8	72.1	74.1	74.8	75.2	75.4	75.6	75.6	75.9	75.9	75.9
0.0244140625	32.9	41.8	47.0	65.5	69.9	70.8	73.1	75.0	75.8	76.2	76.5	76.7	76.7	77.0	77.0	77.0
0.01220703125	33.4	42.5	48.7	67.8	72.8	73.8	76.7	78.9	79.8	80.3	80.5	80.8	80.8	81.0	81.0	81.0
0.006103515625	34.3	43.7	50.3	71.5	77.6	78.7	82.7	84.9	86.7	86.5	86.7	87.0	87.0	87.2	87.2	87.2
0.0030517578125	34.5	44.0	50.7	72.7	78.9	80.0	84.2	86.4	87.5	88.4	88.7	88.9	88.9	89.2	89.2	89.2
0.00152587890625	34.5	44.0	50.7	72.7	78.9	80.0	84.2	86.4	87.5	88.4	88.7	88.9	88.9	89.2	89.2	89.2
0.000762939453125	34.5	44.1	50.9	73.6	80.4	81.6	86.6	89.0	90.3	91.2	91.5	91.7	91.7	92.0	92.0	92.0
0.0003814697265625	34.6	44.1	50.9	74.3	81.4	82.7	87.9	90.5	91.7	92.7	92.9	93.2	93.3	93.5	93.5	93.5
0.00019073486328125	34.6	44.1	50.9	74.3	81.4	82.8	88.6	91.8	93.2	94.2	94.4	94.6	94.8	95.0	95.0	95.0
0.000095367431640625	34.6	44.1	50.9	74.5	82.2	83.8	89.8	93.8	95.2	96.3	96.6	96.8	97.0	97.2	97.2	97.2
0.0000476837158203125	34.6	44.1	50.9	74.5	82.3	84.0	90.4	94.5	96.0	97.1	97.3	97.6	97.7	97.9	97.9	97.9
0.00002384185791015625	34.6	44.1	50.9	74.5	82.5	84.2	90.5	94.8	96.3	97.8	98.1	98.3	98.4	98.7	98.7	98.7
0.000011920928955078125	34.6	44.1	50.9	74.5	82.5	84.2	90.5	94.8	96.5	98.1	98.3	98.5	98.7	99.5	99.5	99.6
0.0000059604644775390625	34.6	44.1	50.9	74.5	82.5	84.2	90.5	94.8	96.5	98.1	98.3	98.5	98.7	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 821

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12051 0008PIIDGE RAF UK

73-74,76-d2

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

11-12-2000

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	20	20	20	24	24	24	24	24	24	24	24	24	24	24	24	24
1000	16.2	19.3	22.1	28.1	31.1	31.6	32.2	32.6	32.8	32.8	32.9	33.1	33.1	33.3	33.5	33.5
800	17.7	20.9	24.1	30.9	34.2	34.8	35.4	35.8	36.0	36.1	36.1	36.5	36.5	36.8	36.9	36.9
600	17.8	21.0	24.2	31.0	34.3	34.9	35.5	35.9	36.1	36.3	36.3	36.6	36.6	36.9	37.0	37.0
400	17.8	21.0	24.2	31.0	34.3	34.9	35.5	35.9	36.1	36.3	36.3	36.6	36.6	36.9	37.0	37.0
200	17.9	21.1	24.3	31.3	34.6	35.2	35.2	36.1	36.4	36.5	36.5	36.9	36.9	37.1	37.2	37.2
100	18.9	22.2	25.4	32.8	36.3	36.9	37.5	37.9	38.1	38.2	38.2	38.6	38.6	38.8	39.9	38.9
50	19.9	23.2	26.4	33.9	37.4	38.0	38.6	38.9	39.2	39.3	39.3	39.7	39.7	39.9	40.0	40.0
20	23.7	27.4	31.5	39.9	43.3	44.1	44.7	45.1	45.3	45.4	45.4	45.8	45.8	46.0	46.2	46.2
10	23.5	28.2	32.4	41.1	44.6	45.3	45.9	46.3	46.5	46.6	46.6	47.0	47.0	47.3	47.4	47.4
5	23.7	28.3	32.5	41.3	44.7	45.4	46.0	46.4	46.6	46.8	46.8	47.1	47.1	47.4	47.5	47.5
2	24.9	29.7	33.8	43.8	47.7	48.5	49.3	49.8	50.1	50.2	50.3	50.7	50.7	50.9	51.0	51.0
1	25.2	30.2	34.4	45.2	49.6	50.3	51.2	51.6	51.9	52.0	52.1	52.5	52.5	52.7	52.9	52.9
0	26.4	31.9	36.9	48.6	53.6	54.3	55.2	55.7	55.9	56.0	56.2	56.5	56.5	56.8	56.9	56.9
1000	27.2	33.3	38.9	51.4	56.8	57.9	59.1	59.6	59.8	60.2	60.3	60.7	60.7	60.9	61.1	61.1
800	29.8	37.4	43.2	56.8	62.5	63.7	65.1	65.7	66.1	66.4	66.5	66.9	66.9	67.2	67.3	67.3
600	30.3	38.1	44.3	58.1	63.9	65.1	66.8	67.6	68.3	68.7	68.9	69.2	69.2	69.5	69.6	69.6
400	31.7	40.7	47.7	62.6	68.5	69.7	71.8	72.6	73.3	73.7	73.9	74.2	74.2	74.5	74.6	74.6
200	32.2	41.4	48.6	64.0	70.0	71.2	73.4	74.2	74.9	75.3	75.5	75.8	75.8	76.1	76.2	76.2
100	33.9	43.6	51.0	67.5	73.9	75.2	77.7	78.5	79.1	79.6	79.7	80.1	80.1	80.3	80.5	80.5
50	34.4	44.4	51.9	71.1	78.4	79.7	82.9	83.8	84.4	84.9	85.0	85.3	85.3	85.6	85.7	85.7
20	34.4	44.4	52.1	71.9	79.4	80.7	84.5	85.3	86.1	86.9	87.1	87.4	87.4	87.7	87.8	87.8
10	34.4	44.4	52.1	72.4	80.3	81.8	86.1	86.9	87.7	88.5	88.6	89.0	89.0	89.3	89.4	89.4
5	34.4	44.4	52.1	73.0	81.4	82.9	87.3	88.2	88.9	89.7	89.9	90.2	90.2	90.5	90.6	90.6
2	34.4	44.6	52.5	73.6	82.3	83.9	88.4	90.0	91.0	91.8	91.9	92.3	92.3	92.6	92.7	92.7
1	34.4	44.6	52.5	73.9	83.2	84.9	89.9	92.4	93.7	94.6	94.7	95.1	95.1	95.4	95.5	95.5
0	34.4	44.6	52.5	73.9	83.4	85.1	90.7	93.4	96.0	97.2	97.3	97.7	97.7	98.9	99.3	99.4
1000	34.4	44.6	52.5	73.9	83.4	85.1	90.7	93.4	96.0	97.2	97.3	97.7	97.7	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 819

CEILING VERSUS VISIBILITY

73-74, 76-82

250

TOTAL NUMBER OF OBSERVATIONS 6372

USAF ETAC ¹⁻⁸⁰_{Ad} 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

70951 WOODBRIDGE PAF JK

73-93

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATISTICS OR (HUNDREDS OF METERS)																			
	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150
200	13.3	23.7	25.7	31.1	37.0	43.7	51.7	58.7	66.3	73.3	79.8	85.9	91.6	96.9	101.6	105.8	109.5	112.7	115.4	117.6
250	21.2	26.9	37.7	36.5	39.0	39.6	41.1	41.9	42.2	42.7	42.8	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.3
300	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
350	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
400	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
450	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
500	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
550	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
600	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
650	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
700	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
750	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
800	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
850	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
900	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
950	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
1000	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
1050	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
1100	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
1150	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
1200	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
1250	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
1300	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
1350	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
1400	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
1450	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
1500	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
1550	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
1600	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
1650	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
1700	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
1750	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
1800	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
1850	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
1900	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
1950	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
2000	21.3	27.0	37.2	36.7	39.3	39.8	41.7	42.2	42.5	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3

TOTAL NUMBER OF OBSERVATIONS 82331

USAF ETAC 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

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 ($\sum X^2$), sums of values ($\sum X$), means ($\bar{X}$), and standard deviations (σ_x). 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 possible in the period represented. Mean number of hours is shown to tenths and indicates 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
 75051 WOODBRIDGE RAF UK
 STATION NAME

54-83

DAILY TEMPERATURES

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						.6	.1						.6
85						7.0	3.3	2.8	.6				.1
80					.7	8.3	15.1	13.7	3.5	.2			.7
75			.2	.4	4.8	23.8	40.4	39.4	17.7	1.3			3.4
70			.9	1.8	15.2	52.6	75.1	82.4	51.2	10.6	.1		11.7
65			2.8	12.1	45.2	84.7	97.2	98.8	89.5	39.5	2.2	.2	24.3
60			15.6	37.2	78.9	97.4	100.0	100.0	99.8	78.5	19.9	4.4	39.5
55	1.1	2.3	41.8	70.1	96.4	100.0			100.0	96.2	54.5	23.5	53.1
50	14.8	18.5	71.8	91.6	99.7					100.0	83.8	52.4	68.1
45	42.3	44.5	91.8	98.9	100.0						96.6	81.7	82.2
40	70.8	72.4	92.5	99.2							100.0	95.5	92.7
35	91.0	92.5	100.0									99.5	98.2
30	98.8	99.0											99.8
25	100.0	99.9										100.0	100.0
20		100.0											100.0
15													
10													
5													
0													
MEAN	42.9	43.4	48.1	52.5	59.1	65.5	68.6	68.9	65.1	58.2	49.8	44.8	55.6
S.D.	5.947	6.080	6.200	5.890	5.801	6.134	5.521	4.875	4.724	5.095	5.247	5.774	11.135
TOTAL OBS	856	879	897	835	868	810	868	868	810	861	783	847	10112

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
75951 WOODBRIDGE RAF UK
STATION STATION NAME

54-83

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

MINIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
65						2.0	11.6	15.6	4.2	.6			2.9
64				.1	2.2	23.3	54.3	55.2	31.4	8.6	.8		14.0
63	.9	.2	.9	2.5	20.2	64.7	88.1	89.6	66.8	33.6	8.2	1.4	31.5
62	6.1	4.2	6.4	18.0	58.3	87.0	98.2	98.5	90.2	64.5	25.4	10.5	47.3
61	24.6	21.0	31.2	55.3	66.6	98.3	100.0	99.9	99.3	87.2	52.2	30.2	65.5
60	55.6	51.7	70.7	83.1	97.5	99.6		100.0	100.0	98.5	79.4	64.3	83.4
59	66.8	65.3	80.7	92.0	99.0	100.0				99.5	88.3	73.6	88.8
58	82.6	84.4	91.1	98.9	99.9					100.0	97.4	87.5	95.1
57	93.1	95.7	98.3	100.0	100.0						100.0	96.2	98.6
56	98.0	98.9	99.8									99.3	99.7
55	99.3	100.0	100.0									100.0	99.9
54	99.9												100.0
53	100.0												100.0
52													
51													
50													
49													
48													
47													
46													
45													
44													
43													
42													
41													
40													
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13													
12													
11													
10													
9													
8													
7													
6													
5													
4													
3													
2													
1													
0													
MEAN	35.0	34.8	37.0	40.0	45.3	50.6	54.4	54.8	51.5	46.6	40.2	36.4	43.9
S.D.	6.626	5.828	5.354	5.064	4.965	4.837	4.254	4.456	5.014	5.758	6.221	6.315	9.390
TOTAL OBS	856	879	897	835	868	810	868	868	810	861	783	897	10112

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/MAC
775951 WOODBRIDGE RAF UK
STATION

54-83

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
75						.2	.2	.1					.2
70						1.6	4.1	3.8	.5				.9
65					.2	9.3	26.6	26.4	7.7	.3			6.0
60				.2	7.9	40.2	67.9	72.7	43.1	8.0	.1		21.1
55			.8	4.6	32.7	76.9	96.4	98.2	81.7	36.1	3.8	.5	36.1
50	2.8	2.6	9.9	28.0	74.5	97.9	99.9	100.0	99.1	73.8	23.8	6.5	51.6
45	20.1	20.3	38.1	66.1	94.6	99.5	100.0		100.0	94.8	55.4	27.4	69.1
40	50.6	48.8	74.1	91.3	99.4	100.0				100.0	85.4	61.6	84.3
35	79.7	81.8	93.2	99.8	100.0						98.1	85.5	94.8
30	93.3	96.2	99.6	100.0							100.0	97.4	98.9
25	98.9	99.6	100.0									99.8	99.9
20	99.9	100.0										100.0	100.0
15	100.0												100.0
10													
5													
0													
-5													
-10													
-15													
-20													
-25													
-30													
-35													
-40													
-45													
-50													
-55													
-60													
-65													
-70													
-75													
-80													
-85													
-90													
-95													
-100													
MEAN	39.2	39.4	42.8	46.5	52.4	58.3	61.8	62.1	58.6	52.7	45.3	40.9	50.0
S.D.	5.979	5.607	5.204	4.890	4.815	4.857	4.348	4.031	4.224	4.890	5.375	5.722	9.762
TOTAL OBS	856	809	897	835	868	810	868	868	810	861	783	847	1112

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

035951 WOODBRIDGE RAF UK STATION NAME

54-23

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54										71	60	59	
55		52	52	57*	69	64	73	81	78	79	66	59	80
56		52	52	59									
57			55	63	64	64	88	79	73	68	63	54	79
58		54	58	58	66	68	73	79	74	75	62*	54*	79
59		52	59	56	64	73	80	84	83	82	76	55	84
60		52	59	58	64	72	78	73	76	73	65	61	78
61		52	57	67	64	73	81	86	79	77	67	58	86
62		52	55	56	65	65	75	72	74	76	69	59	76
63		53	41	58	65	73	76	78	73	73	64	58	78
64		51	53	50	60	75	77	79	82	80	67	60	87
65		55	50	71	61	74	72	71	75	69	72	59	75
66		51	56	56	63	75	76	75	75	72	64	57	76
67		52	56	63	69	69	71	79	79	71	68	59	79
68		54	46	67	72	67	72	79	74	74	70	61	79
69		56	50	56	70	76	76	85	79	77	71	65	85
70		47	53	58	61	72	85	81	79	76	72	63	85
71		53	53	57	64	71	69	82	78	71	69	60	87
72		53	51	66	60	68	68	78	71	71*	64	57	78
73		51	55	57	59	68	78	78	80	82	66	57	82
74		59	57	67	66	71	77	80	78	71	57	60	87
75		55	53	51	62	62	75	82	87	73	66*	55*	87
76		55*	59*	62	62	73	87	86	84	71	66	57	87
77		51	51	62	64	69	78	84	75	75	54	60	89
78		50	51	59	57	75	77	75	78	80	69	60	80
79		42	44	57	68	73	75	80	75	75	68	59	82
80		51	54	55	66	68	75	77	79	70	64	57	79
81		52	55	59	63	73		75	82	73	64	61	
82		52	52	55	59	72	77	79	84	75	63*	61*	84
83		57	52	61	61	66	79	91	82				
MEAN	51.3	52.9	58.9	63.7	70.8	76.6	79.9	78.1	74.9	66.8	59.0	54.8	80.8
S.D.	4.094	4.179	4.682	3.508	4.069	4.782	4.958	3.953	3.826	3.896	2.318	3.862	3.258
TOTAL OBS	856	809	897	835	868	810	868	868	810	861	783	847	10112

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

035051 WOODBRIDGE RAF, VA
STATION

54-23

YEARS

4000 DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54										33	29	20	
55	23	23	24*	27	32	40	40	46	41	31	32	25	22
56	21	15	27										
57		27	30	32	32	41	49	45	39	35	29	22	
58	13	25	18	30	34	40	47	48	42	40*	35*	20	19
59	21	25	32	35	35	42	47	48	45	36	30	31	23
60	22	25	34	34	33	43	43	45	44	35	33	21	22
61	20	33	31	34	35	38	44	47	43	32	30	17	17
62	22	28	22	31	37	43	44	46	41	36	27	20	20
63	2	17	24	27	33	48	45	47	42	39	27	25	2
64	24	24	27	30	41	42	40	41	43	32	27	16	16
65	28	28	19	31	36	39	42	48	41	35	25	19	19
66	21	25	27	30	38	39	44	41	41	36	30	21	21
67	21	28	33	30	29	28	50	47	42	37	32	24	23
68	15	28	32	28	35	44	44	44	42	42	31	23	16
69	30	17	27	30	35	41	46	48	37	38	26	24	17
70	21	23	24	26	38	44	44	42	44	37	30	20	21
71	24	30	28	32	35	44	41	48	42	35	28	32	20
72	14	32	33	37	37	39	46	44	41*	35	32	28	14
73	31	26	30	32	33	41	44	51	44	33	28	26	26
74	28	32	31	37	37	42	48	46	41	35	30	35	29
75	31	30	30	30	35	37	46	50	44	42*	42*	28	29
76	30*	33*	32	28	39	39	48	44	46	41	32	24	24
77	24	30	35	32	41	50	53	50	46	39	30	35	24
78	26	19	28	28	39	41	46	44	39	41	28	23	19
79	14	24	28	28	30	48	48	44	39	36	30	30	14
80	25	30	28	34	39	46	46	39	45	34	25	27	25
81	28	23	32	32	32		46	46	45	37	32	18	
82	21	27	27	30	34	45	53	48	43	36*	32*	28	21
83	32	28	34	34	41	43	48	48					
MEAN	22.7	25.8	28.3	31.2	35.3	41.7	45.9	46.7	42.3	36.4	29.2	25.4	20.1
S D	5.584	4.622	4.330	2.856	3.376	3.717	2.846	2.912	2.267	3.354	2.223	5.354	4.600
TOTAL OBS	856	809	897	835	868	810	868	868	810	861	783	847	1012

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

2

MONTH

MOORE (L. S. T.)

USAFETAC

2

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MON T

35-5-1
HOURS (L. S. T.)

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

2

1

YEARS

12
MONTHS

PAGE 1 24-29
HOURS (L. S. T.)

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

USAFETAC

2

PAGE 1 69-111
HOURS (L. S. Y.)

JAN
MONTH

YEARS

MONTH

PAGE 1 69-11-1
HOURS (L. S. Y.)

0.26-5 (OLA)

USAFETAC

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: PATRICK SPANIC /MAC

PSYCHROMETRIC SUMMARY

STATION: APOPOKEE DAF K STATION NAME: 74-75,77-0 YEARS: JAN MONTH: 1974

Temp. (F)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
1/ 55																																	1	1		
2/ 57																																	5	5		
3/ 58																																	5	5		
4/ 55																																	1	1	2	
5/ 61																																	4	4	0	
6/ 49																																	3	3	1	
7/ 47																																	7	7	5	4
8/ 45																																	15	15	0	3
9/ 42																																	17	17	0	4
10/ 42																																	4	4	1	8
11/ 42																																	4	4	1	8
12/ 39																																	7	7	1	6
13/ 37																																	2	2	1	1
14/ 35																																	1	1	7	1
15/ 33																																	1	1	7	1
16/ 33																																	1	1	7	1
17/ 31																																	1	1	7	1
18/ 28																																	1	1	7	1
19/ 27																																	1	1	7	1
20/ 26																																	1	1	7	1
21/ 24																																	1	1	7	1
22/ 21																																	1	1	7	1
23/ 19																																	1	1	7	1
24/ 17																																	1	1	7	1
25/ 15																																	1	1	7	1
26/ 12																																	1	1	7	1
TOTAL																																	834	34	634	234

Element (X)	Z _g	Z _g	I	°	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	46738.7	41773	74.1	10.68	834	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	
Dry Bulb	1522376	15274	42.3	6.47	834		5.5					0.2
Wet Bulb	1200824	32432	39.9	5.59	834		9.9					0.3
Dew Point	1.19443	286.7	38.4	6.465	834		35.2					0.2

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC FORM 10-64

PSYCHROMETRIC SUMMARY

YEARS

MONTH

2023-17
HOURS 11.5.7.1

[illegible]

2

7-11-20

YEARS

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

USAFETAC

NATIONAL CLIMATOLOGY RESEARCH
DEPT. OF AGRICULTURE
WASHINGTON, D.C. 20250

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1001	1001-1001 RAF	14-25-7-0	1001

[illegible]

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEAR	MONTH
11	WOMANVILLE DAF JK	1975, 77-81	11

HOURS 11 A.M. - 7 P.M.

[illegible]

CLIMATE CLIMATOLOGY BRANCH
METEOR
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STAT ON LOC SIGLE DAF UK
STATION STATION NAME

74-75, 76-87

YEARS

MONTH

DATE 7-2-5
HOURS 1.3.4

[illegible]

YEARS _____ MONTH _____

STATION	STATION NAME
	ADDENDUM PAF 1K

- 4-75, 77-85

YEARS

152
MONTH

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

U.S. CLIMATE BRANCH
ASSTAC
AT LEATHER SERVICE /MAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME

14-15, 17-21

YEARS

MONTH

DATE: 5-2-64 HOURS: 11:30

[illegible]

PSYCHROMETRIC SUMMARY

1951 DOFBIDGE RAFT UK
STATION STATION

74-75, 77-27

FF
MONY

YEARS

MONTH

PAU - 12-14
HOURS (1 5 7)

[illegible]

2

4

74-75, 77-83

YEARS

MONY

PAGE 1 1500-1740

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

2

2.

YEARS

MONTH

PAGE 1 1572-2
HOURS (L. S. T.)

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

PSYCHROMETRIC SUMMARY

74-75, 77-83

YEARS

FE
MONTH

PAGE: 2

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
1/ 53				.4														3	7					
2/ 51				.3														2	2					
3/ 49			.5	.5														8	8	4				
4-7/ 47	.3	1.3	.5	.7														24	24	11	1			
8/ 45	.3	6.2	5.0	1.1														112	112	34	13			
9-12/ 43	.4	2.9	8.2	2.1														46	86	63	53			
13-17/ 41	.5	5.8	5.9	2.7														106	126	73	51			
18-21/ 39		6.9	4.2	.9														91	91	86	46			
22-24/ 37	.3	3.5	4.0	.7														71	71	100	59			
25-27/ 35	.1	4.2	6.2	2.2														97	97	78	96			
28-30/ 33	.1	5.7	3.2	.5														69	69	118	59			
31-33/ 31		5.7	1.4	.4														67	57	88	54			
34-36/ 29	.1	3.1	.5															28	28	66	71			
37-39/ 27	.1	2.5																21	21	22	143			
40-42/ 25																				17	48			
43-45/ 23		.4																3	3		23			
46-48/ 21																				3	24			
49-51/ 19																					13			
52-54/ 17																					1			
55-57/ 15																					1			
TOTAL	0.448	36.91	.8															750	750	750	750			

Element (X)	Σx^2	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	46116.1	58573	77.21	6.61	750	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	1175237	29503	39.2	5.388	750		12.1					84
Wet Bulb	1922162	27502	36.3	5.298	750		21.4					84
Dew Point	620371	24055	32.0	6.541	750		43.0					84

<u> </u>	<u>ACCORDANCE RAF UK</u>
STATION	STATION NAME

74-75, 77-83

YEARS

55-
MONTH

PACS

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point										
57/ 57																		1													
57/ 55																		4													
56/ 53																		23	23												
52/ 51																		57	57												
49/ 49																		127	127												
47/ 47																		298	298												
47/ 45																		532	532												
46/ 43																		822	627	449	158										
42/ 41																		722	722	678	422										
39/ 39																		691	691	674	391										
37/ 37																		674	674	700	549										
35/ 35																		739	732	575	636										
34/ 33																		467	467	1034	523										
33/ 31																		286	286	522	469										
29/ 29																		222	222	424	542										
28/ 27																		146	146	151	997										
26/ 25																		16		107	391										
24/ 23																		4		13	255										
22/ 21																				5	164										
21/ 19																					115										
17/ 17																															
16/ 15																															
16/ 13																															
12/ 11																															
TOTAL	2.3	38.4	43.4	14.3	1.1														5875		5875		5875								

Element (X)	Σx^2	Σx	$\bar{x}$	σ_a	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Num.	39229345	443315	75.5	11.369	5875							
Dry Bulb	9417495	232741	39.6	5.671	5976		75.7					672
Wet Bulb	8068076	215386	36.7	5.407	5875		148.1					672
Dew Point	6358954	189144	32.2	6.61	5875		348.1					672

GLOBAL CLIMATOLOGY BRANCH
CARTAGENA
ATMOSPHERIC SERVICE/PAC

PSYCHROMETRIC SUMMARY

15651 WOODBRIDGE RAF LK
STATION STATION NAME

-4-33

YEARS

MA
MONTH

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0.26-5 (OLA)

USAFETAC

FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C.
AIR MAIL SERVICE/PAO

PSYCHROMETRIC SUMMARY

1000
STAT ON

ADDRESSABLE PAGE
STATION NAME

74-75, 76-3

YEARS

MONY

215

HOURS 11, 5, 9.

[illegible]

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

USAFETAC

JOURNAL OF CLIMATE RESEARCH
 CLIMATE
 CLIMATE RESEARCH

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
	LOGGERS - RAF JK

1999

YEARS

MI

NOV 19 1954

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ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 01-11-2001 BY 60322 UCBAW/STW

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONITOR

HOURS S. T.

[illegible]

WOODBRIDGE RAF UNITED KINGDOM REVISED UNIFORM SUMMARY
OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 07 MAR 84
USAFETAC/DS-84/011 SBI-AD-E050 623 F/O 4/2

415

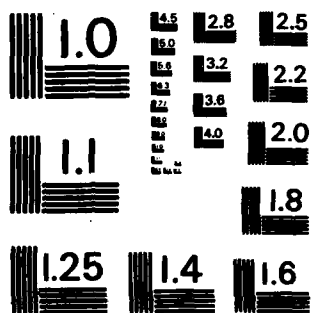
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USAFETAC/DS-04/011 S01-AD-E050 623

F/G 4/2

NL

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

PSYCHROMETRIC SUMMARY

YEARS

~~SECRET~~

PAGE 1 ~~1229-1496~~
~~NOV 11 1966~~

[illegible]

PSYCHROMETRIC SUMMARY

74-83

YEARS

MAR
MONTH

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 035951 WOODBRIDGE RAF UK

78-83

YEARS

MONTHS

PAGE 1 1980-2000

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					
41/ 59				.1	.1	.1													3	3					
56/ 55		.1	.4	1.0	.2														16	16					
54/ 53		.4	1.1	1.3	.4	.1													31	31	3				
52/ 51		1.6	1.6	1.4	.2														43	43	21	2			
50/ 49	.1	.6	2.4	1.1	.3	.1													42	42	31	14			
48/ 47		1.4	5.1	1.2	.7														76	76	43	15			
46/ 45	.3	6.4	9.7	4.1	.6														193	193	87	42			
44/ 43		3.8	6.6	3.9	.3														132	132	109	42			
42/ 41	.2	7.1	7.2	2.3	.1														153	153	129	118			
40/ 39		4.1	8.9	2.0															99	99	151	114			
38/ 37	.6	2.2	4.0	.2															63	63	142	88			
36/ 35		1.2	2.4	.6															38	38	80	107			
34/ 33		.8	.4																11	11	78	98			
32/ 31		.1	.2																3	3	23	71			
30/ 29																					6	84			
28/ 27																						57			
26/ 25																						29			
24/ 23																						19			
22/ 21																						1			
20/ 19																						1			
18/ 17																						1			
TOTAL	1.229	8.86	219.3	3.2	.3														903	903	903	903			

Element (X)	ΣH	ΣW	ΣP	ΣS	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	5150268	67500	78.000	7.68	903	< 67 F	< 73 F	< 80 F	< 90 F		
Dry Bulb	1754278	18504	83.8	4.874	903						93
Wet Bulb	1897825	18519	80.8	4.771	903						93
Dew Point	1206407	19878	76.1	8.000	903						93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035951 WOODBRIDGE RAF UK

74-83

MAR

PAGE 1 2100-2300

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				
56/ 55			.2	.1														3	3					
54/ 53		.1	.7	.2	.2													11	11					
52/ 51		1.6	2.4	.5	.1													40	40	9				
50/ 49	.1	1.2	1.6	.3	.1													30	37	23	6			
48/ 47	.1	2.0	2.9	.2	.1													48	48	40	18			
46/ 45	.3	6.2	8.7	2.3														155	155	55	33			
44/ 43		6.9	4.6	2.1														121	121	111	39			
42/ 41		9.2	7.3	2.3														166	166	115	111			
40/ 39		5.1	6.3	.9	.1													110	110	131	96			
38/ 37	1.1	4.9	3.8	.8														94	94	124	85			
36/ 35		3.1	4.2															64	64	120	105			
34/ 33	.1	1.7	1.1															26	26	86	88			
32/ 31		.8	.2															9	9	51	91			
30/ 29		.7	.1															7	7	9	67			
28/ 27		.1																1	1	6	97			
26/ 25																				1	23			
24/ 23																					19			
22/ 21																					2			
20/ 19																					3			
TOTAL	1.8	3.5	4.3	9.7	.7														885		885			
																		885		885				

Element (X)	2 H	2 H	2 H	2 H	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5419087	68705	77.6	9.825	885	< 60 F	< 50 F	< 40 F	< 30 F	< 20 F	< 10 F	
Dry Bulb	1590391	37263	42.1	4.937	885		1.8					93
Wet Bulb	1387495	34778	39.3	4.980	885		7.0					93
Dew Point	1103711	31383	35.8	5.906	885		31.7					93

FORM 0-26-5 (OL A) REPRODUCED BY THE AIR FORCE

PSYCHROMETRIC SUMMARY

74-83

YEARS

READ MONTH

PAGE 1

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PSYCHROMETRIC SUMMARY

YEARS

APR

PAGE : 0000-0200
 NUMBER (1, 2, 3)

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PSYCHROMETRIC SUMMARY

74-83

YEARS

APPENDIX

PAGE 1 ~~0300-0500~~

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			.3	.1														3	3						
52/ 51			2.3	.3	.1													10	10						
50/ 49		2.3	1.7	.4														27	27	11					
48/ 47		2.3	1.6	1.2														37	37	35	4				
46/ 45		6.2	1.8	.6														140	140	46	3				
44/ 43	.1	8.7	2.3	1.3														175	175	92	47				
42/ 41	.9	1.6	8.1	.3														157	157	147	91				
40/ 39	.4	5.9	2.4															69	69	166	105				
38/ 37	.6	3.2	2.3															48	48	120	111				
36/ 35		3.8	3.3															56	56	52	136				
34/ 33		2.4	2.3															37	37	66	80				
32/ 31		.5	.1															5	5	33	48				
30/ 29		1.5	.5															16	16	23	52				
28/ 27		.5																4	4	11	68				
26/ 25																					12				
24/ 23																					11				
22/ 21																					4				
TOTAL	2.0	47.3	6.7	3.9	.1														793	793	793				
													</												

PSYCHROMETRIC SUMMARY

74-83

YEARS

APR
MONTH

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

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PSYCHROMETRIC SUMMARY

74-83

YEARS

AP
MONTH

PAGE 1 ~~CONFIDENTIAL~~

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					
66/ 65																		1	1						
64/ 63																		3	3						
62/ 61																		6	6						
60/ 59																		23	23						
58/ 57																		32	32						
56/ 55																		55	55						
54/ 53																		67	67	13					
52/ 51																		94	94	34					
50/ 49																		99	99	72					
48/ 47																		117	117	115					
46/ 45																		219	219	137					
44/ 43																		98	98	151					
42/ 41																		48	48	127					
40/ 39																		72	72	113					
38/ 37																		12	12	83					
36/ 35																		4	4	31					
34/ 33																				15					
32/ 31																									
30/ 29																									
28/ 27																									
26/ 25																									
24/ 23																									
TOTAL																		920	920	920					

Element (X)	ΣX^1	ΣX	Σ	σ_n	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	8176500	60382	67-111-013		900	0 F	32 F	67 F	72 F	80 F	92 F	Total
Dry Bulb	2125550	43090	88.3	5.127	900							
Wet Bulb	1716639	39103	81.8	8.033	900							
Dew Point	1290862	13762	37.5	5.420	900							

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PSYCHROMETRIC SUMMARY

YEARS

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DATE: ~~15-0-1970~~

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																
66/ 65						.1	.1											3	3																	
64/ 63						1.3	.1											17	17																	
62/ 61			.3		.9	.7	.4											7	21																	
60/ 59				.4	1.1	1.1	.7	.3										23	33																	
58/ 57				1.7	1.4	.9	.1	.4										38	34	3																
56/ 55			.3	.4	1.2	.7	.1											22	22																	
54/ 53		.2	1.3	3.4	3.4	.7												67	80	23																
52/ 51		.2	3.4	4.3	3.4	1.2	.7											120	124	37																
50/ 49		.3	3.4	3.7	2.3	1.2												93	93	95																
48/ 47		1.8	2.1	4.3	2.1	1.1												192	102	127																
46/ 45		1.8	9.7	6.7	3.7	.4												198	189	133																
44/ 43		1.1	2.1	4.2	.9	.1												75	75	115																
42/ 41		.9	1.8	.6	.7													32	32	149																
40/ 39		.8	.9	.1														16	16	162																
38/ 37		.6	.2															7	7	80																
36/ 35		.1																1	1	26																
34/ 33																				7																
32/ 31																																				
30/ 29																																				
28/ 27																																				
26/ 25																																				
24/ 23																																				
22/ 21																																				
20/ 17																																				
16/ 15																																				
TOTAL	7.8	24.9	32.2	22.2	2.9	6.2	1.6	.1										900	939	900																

Element (X)	Σx'	Σx	Σ	Σ ²	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1675532	56416	62	723	440	00	00	00	00	00	00	
Dry Bulb	2261658	88838	89	8	5.66	900						900
Wet Bulb	1769971	39637	88	0	4.627	900						900
Dew Point	1260025	3363	37	1	5.880	900	21	5				

PSYCHROMETRIC SUMMARY

75-83

YEARS

AF
MONTH

PAGE

MOORE, J. S. 1971

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														
47/ 53																		1																	
47/ 51																		3	3																
47/ 49																		12	12																
46/ 57				.1	.3	.4	.1											7	9																
46/ 55				.1	1.7	.7	.3	.2										27	27																
44/ 53		.1	.8	2.7	1.7	.1	.2											43	43																
42/ 51		1.3	2.8	3.7	1.4	.2												60	67	12															
42/ 49		.6	3.5	4.7	.9	.3												83	83	49															
42/ 47		2.2	5.7	3.2	.6	.2												112	113	78															
42/ 45		3.9	12.0	6.7	2.3	.1												219	219	124															
44/ 43		3.2	6.8	4.7	.8													139	139	137	66														
42/ 41	.1	3.3	4.4	2.3														92	97	164	109														
41/ 39		1.2	2.3	.9														46	47	141	115														
41/ 37	.1	1.3	1.6	.2														29	29	129	132														
40/ 35		.8	.3	.1														11	11	56	119														
34/ 33																				73	15														
32/ 31																				3	52														
32/ 29																					25														
32/ 27																					67														
28/ 25																					20														
24/ 23																																			
22/ 21																																			
TOTAL	.217	.746	.429	.7	9.4	1.8	.7	.1										900		900	900														

Element (X)	Σx'	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	447500	62610	69.6	11.526	900	≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	1956114	41726	46.4	4.891	900							900
Wet Bulb	1637378	37838	42.1	4.295	900							900
Dew Point	1232760	32950	36.6	5.421	900		21.4					900

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74-83

YEARS

APR
MONTH

PAGE : ~~21-22~~
Robins L. S. 11

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

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 111
HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

74-76, 78-87

YEARS

DATE _____

PAGE 1 ~~SECRET~~

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								
62/ 61		.4	.2	.1														6	6									
61/ 59		.6	.1	.4														9	9									
60/ 57		.7	.4	.5	.2													15	15	13								
58/ 55	.1	1.4	1.4	1.7	.1													40	40	2								
54/ 53	.1	2.9	4.6	2.6	.2													67	87	25								
52/ 51	.1	2.9	9.1	1.6	.1													115	115	45								
51/ 49	.1	5.3	8.3	2.3	.1													134	134	105								
48/ 47	.7	7.1	5.6	1.4	.1													125	125	172								
46/ 45	1.1	7.7	6.5	.8														159	159	160								
44/ 43	.7	1.9	1.6	.8														42	42	127								
42/ 41	.1	2.3	1.7															34	34	76								
41/ 39		1.1	1.7															23	23	37								
38/ 37	.1	1.8	.9	.1														24	24	29								
36/ 35	.1	1.1	.6															15	15	45								
34/ 33		.2	.1															3	3	29								
32/ 31		.4																3	3	21								
30/ 29																				1								
28/ 27																												
26/ 25																												
TOTAL	3.4	45.6	2.7	12.4	1.2													874	834	824								

Element (X)	ΣH^2	ΣH	Σ	σ_a	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5432233	46831	80.1	0.606	834	$\leq 0^\circ$	$\leq 32^\circ$	$\leq 67^\circ$	$\leq 73^\circ$	$\leq 80^\circ$	$\leq 90^\circ$	
Dry Bulb	1860879	43209	48.2	5.129	834		3					93
Wet Bulb	1737605	37889	45.8	8.891	834		8					84
Dew Point	1516506	15226	42.2	5.622	834		0					

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-24-5 (OL A)

USAFETAC

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAS

PSYCHROMETRIC SUMMARY

STATION 45001 ADDORIQUE PARK 74-76, 7E-82 YEARS MAY MONTH

PAGE 1 0700-0500 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	
74																																					
75																																					
76																																					
77																																					
78																																					
79																																					
80																																					
81																																					
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TOTAL	4.1	4.5	3.8	5.3	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0		

Element (X)	24	1	2	3	4	5	6	7	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		
Rel. Hum.	5635	81.7	9.00	830	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800
Dry Bulb	18714	47.3	5.000	830	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800
Wet Bulb	16777	49.6	4.900	830	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800
Dew Point	1877607	78.3	81.7	8.000	830	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800

USAFETAC FORM 0-26-5 (OL A) REVISED SEPTEMBER 1968 OF THE NAME AND SYMBOLS

PSYCHROMETRIC SUMMARY

74-83

YEARS

PAGE : ~~000000~~

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				
67					.1													1	1					
65						.1	.1											2	2					
63			.1	.6	.4	.2												12	12					
61			.8	.7	.6	.6												23	23					
59		.6	.7	1.0	1.1	.1												31	31	3				
57		.4	1.2	2.6	1.1													48	48	19	1			
55	.3	1.9	2.9	5.9	.9													107	107	25	17			
53	.2	1.5	5.7	3.0	1.1													183	183	46	19			
51	.2	2.5	9.9	3.8	.6													152	152	96	28			
49	.2	1.6	7.8	2.3	.1													165	165	159	47			
47	.9	5.4	4.5	1.7	.1													112	112	192	84			
45	1.1	5.7	5.6	1.2	.1													123	123	146	202			
43	.1	.9	2.7	.4														31	31	79	136			
41	.1	.7	1.3	.2														21	21	58	146			
39		.6	.2															7	7	31	73			
37	.1	.4	.8															12	12	21	45			
35		.3	.1															4	4	8	43			
33		.1	.1															2	2	12	18			
31																				1	15			
29																					12			
27																					10			
TOTAL	3.322	443.723	1.6	2.1	1.0	.1												896	896	896	896			

PSYCHROMETRIC SUMMARY

74-83

YEARS

MAY
MONTH

PAGE 1 09-10-11-00
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

~~SECRET~~

PAGE 1 ~~1280-1450~~
~~NOV 9 1964~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point															
78/ 77																		3	3																
76/ 75																		7	7																
74/ 73																		11	11																
72/ 71																		9	9																
70/ 69																		15	15																
68/ 67																		22	22																
66/ 65																		32	32																
64/ 63																		45	45																
62/ 61																		89	89	26	1														
60/ 59																		139	139	22	2														
58/ 57																		114	114	47	12														
56/ 55																		87	87	57	26														
54/ 53																		95	95	145	36														
52/ 51																		94	94	140	37														
50/ 49																		39	39	160	44														
48/ 47																		43	43	129	93														
46/ 45																		36	36	79	203														
44/ 43																		2	2	52	112														
42/ 41																		4	4	35	93														
40/ 39																		2	2	16	64														
38/ 37																					64														
36/ 35																					62														
34/ 33																					32														
32/ 31																					13														
30/ 29																					23														
28/ 27																					10														
TOTAL	.4	5.4	14.6	27.2	47.1	6.7	7.7	2.7	.4	.2								924	924	924	924														

PSYCHROMETRIC SUMMARY

17 APR

WINTER

PAGE 1 1575-1721
104128 (1-8-71)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

NOTE

PAGE 1 ~~1800-2003~~
~~1800-1993~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.S./W.S.	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					
71/ 69							.1											2	17						
66/ 67						.1				.1								3	17						
66/ 65				.1	.2	.1	.3											12	17						
64/ 63		.3	.1	1.1	1.2	.6	.5											30	30	2					
62/ 61			1.1	1.2	1.0	.4	.4											46	46	5	4				
60/ 59		.2	.8	1.5	3.6	1.5	.6											76	76	10	1				
58/ 57		.6	1.1	4.5	2.2	1.2	.1											90	90	29	1				
56/ 55		.6	1.8	9.1	2.8	.3	.1											137	137	35	17				
54/ 53		1.1	2.6	4.8	3.4	.3	.1											112	112	58	19				
52/ 51	.5	1.1	5.7	3.9	2.6	.1												120	120	119	32				
50/ 49	.1	.8	2.9	2.2	.3													58	58	184	44				
48/ 47		3.1	3.2	3.5	.3													93	93	152	63				
46/ 45		3.7	4.1	1.8	.7													92	92	146	184				
44/ 43	.1		1.2	1.1														22	22	42	143				
42/ 41			.3	.1														4	4	59	127				
40/ 39		.4																4	4	20	84				
38/ 37	.3	.1																4	4	19	83				
36/ 35		.2																2	2	4	60				
34/ 33																					36				
32/ 31																					6				
30/ 29																					8				
28/ 27																					10				
TOTAL	1.1	12.1	25.1	35.2	19.3	5.2	1.2			.1								924	924	924	924				

Element (X)	$\Sigma H'$	ΣH	Σ	ρ_s	No. Obs.	Mean No. of Hours with Temperature						Total
Ref. Num.						60 F	70 F	80 F	90 F	100 F		
Dry Bulb	4454133	63155	64	33	234	924						924
Wet Bulb	2655215	49245	53	3	563	924						924
Dew Point	2160504	48872	48	1	8663	924						924
	1716222	39508	42	8	5487	924						924

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 1 2123-2310
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

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HOURS 7. 1/2. 7. 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
75/ 77																		4	4																
76/ 75																		4	4																
74/ 73																		18	19																
72/ 71																		20	23																
71/ 69																		45	45																
68/ 67																		57	57																
66/ 65																		102	102																
64/ 63																		241	261	13															
62/ 61																		325	325	64	13														
60/ 59																		525	525	86	18														
58/ 57																		530	539	195	37														
56/ 55																		738	705	279	124														
54/ 53																		769	769	549	172														
52/ 51																		924	924	704	233														
50/ 49																		693	693	1154	312														
48/ 47																		718	718	1269	648														
46/ 45																		869	969	1089	1458														
44/ 43																		212	212	669	1852														
42/ 41																		148	148	957	955														
40/ 39																		85	85	243	669														
38/ 37																		82	92	159	518														
36/ 35																		39	39	75	439														
34/ 33																		14	14	72	252														
32/ 31																		8	8	16	114														
30/ 29																		1	1	4	115														
28/ 27																					5														
26/ 25																																			
TOTAL	1.872	380	524	213	6	6	3	2	7									7187	7187	7187															

Element (X)	Σx^2	Σx	Σ	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	37678634	511106	71.143	595	7187	≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	22095973	377333	52.5	6.638	7187		0	15.5	2.7			744
Wet Bulb	16573639	343043	47.7	5.208	7187		2.1					744
Dew Point	13880328	300088	42.0	5.808	7187		13.5					744

PSYCHROMETRIC SUMMARY

74-63

YEARS



PAGE 1 ~~SECRET~~

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														31	3						
64/ 63			1.1	.5														14	14	2					
62/ 61		1.5	1.2	.5														26	16	2					
60/ 59		2.6	3.7	1.2														61	61	25					
58/ 57	.2	7.6	5.2	1.4														123	127	35	13				
56/ 55	.6	9.5	7.2	1.2	.1													151	151	101	52				
54/ 53	.6	5.2	7.5	.9	.2													117	117	150	98				
52/ 51	1.6	5.3	6.8	.1														112	112	155	128				
50/ 49	.5	1.5	4.1	.1														50	57	104	86				
48/ 47	.6	6.7	1.0	.1														73	73	69	100				
46/ 45	.1	3.5	1.6	.1														43	43	43	138				
44/ 43	.2	1.2	.6															17	17	24	76				
42/ 41	.2	1.4	.5															17	17	25	41				
40/ 39		.4	.1															4	4	12	19				
38/ 37																				3	10				
36/ 35																				1	9				
34/ 33																									
32/ 31																									
TOTAL	4.8	46.5	41.9	6.4	.4													811		811	911				

Element (X)	ΣR ¹	ΣR	Σ	° _s	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 86 F	≥ 93 F	
Rel. Hum.	5775636	48130	88.0	8.029	811							
Dry Bulb	2326832	43270	53.8	8.689	811							90
Wet Bulb	2112875	41229	52.8	8.516	811							90
Dew Point	1637080	39423	48.6	5.557	811							90

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PA. 2

HOURS 11. 5. 7.

NOEM

PSYCHROMETRIC SUMMARY

74-81

YEARS

1112

PAGE 1 ~~CONFIDENTIAL~~
NOV 11 1964

[illegible]

2

YEARS

74-83

ALLEN
ALLEN

PAGE: 1226-1422
HOURS (L. S. T.)

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION WOODBRIDGE RAF UK

74-83

YEARS

MONTH

PAGE 1 1500-1700

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																	
17/ 27										.1								1															1				
16/ 25										.1								1															1				
14/ 23										.1								5															5				
12/ 21							.1			.3								8															8				
10/ 19							.1	.3	.4	.3								11															11				
08/ 17								.3	.3	.3								13															13				
06/ 15					.3	.7	.8	.1	.2	.1								20															20				
04/ 13				.2	.7	1.1	.3	.1		.1								23															23				
02/ 11				.3	1.2	1.6	.9	1.7										29															29				
00/ 09			.1	.3	1.4	3.8	1.6	.1										66															66				
18/ 07			.2	.6	2.8	2.7	1.9	.2	.2									70															70				
16/ 05			.1	1.2	2.4	1.7	1.1	.2										66															66				
14/ 03		.1	1.2	6.8	5.3	5.1	1.7	.2										180															180				
12/ 01		.9	2.1	2.8	6.1	2.2	.6											131															131				
10/ 59	.1	.3	1.9	3.1	3.5	1.3	.1											95															95				
08/ 57		.2	.4	4.3	1.7	.4												79															79				
06/ 55		.3	1.1	2.7	.9													45															45				
04/ 53		.4	.6	.7	.7													20															20				
02/ 51		.3	.4															7															7				
00/ 49			.2															2															2				
18/ 47		.4	.1															5															5				
16/ 45		.1																1															1				
14/ 43																																					
12/ 41																																					
10/ 39																																					
08/ 37																																					
06/ 35																																					
04/ 33																																					
TOTAL	.1	3.7	10.6	23.6	26.4	20.2	9.6	1.8	1.2	.9	.1							896															896				

Element (X)	ΣX'	ΣX	Σ	Σ ²	No. Obs.	Mean No. of Hours with Temperature									
Rel. Hum.	1582346	55692	62.0	1.063	898	≥ 0 F	≥ 33 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	3696552	57336	63.8	6.311	898			26.8	8.3	1.7		90			
Wet Bulb	2862396	50520	56.3	4.713	898			2.3				90			
Dew Point	2261881	44047	50.3	5.508	898							90			

2

YEARS

_____ MONTH

13-2-20-1
13-2-20-1

USAFETAC FORM 0-26-5 (OLA)
REV. 4-4 REVISÉD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

74-63

YEARS

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PAGE : ~~21-20-23-0~~
Notes C.I. 380

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point										
74/ 73				.2														3	3												
72/ 71				.1														1	1												
7 / 69				.2	.7													5	5												
68/ 67			.1	.1	.5	.2												9	9	3											
66/ 65			.2	1.2	.2	.1												16	16		1										
64/ 63		.3	1.0	3.2	1.1	.8												53	53	6	2										
62/ 61		1.6	3.4	3.4	1.2													97	87	14	7										
60/ 59		2.7	6.2	3.3	.9	.2	.1											110	119	49	9										
58/ 57	.3	4.2	6.3	4.4	.9	.1												147	147	88	39										
56/ 55	.6	4.6	7.0	5.7	.3													163	163	131	83										
54/ 53	.9	3.4	5.6	3.2	.4													122	122	151	92										
52/ 51	.3	2.7	6.5	.8														86	86	160	138										
50/ 49	.1	1.3	3.2	.1														43	43	157	118										
48/ 47	.1	1.4	.6	.2														21	21	84	112										
46/ 45	.1	.7	.7	.1														14	14	25	173										
44/ 43	.4																	8	4	18	68										
42/ 41	.2	.2	.2															6	6	7	37										
40/ 39																					19										
38/ 37																					2										
36/ 35																					1										
34/ 33																					2										
TOTAL	2.722	94.326	3.6	1.1	.1	.1												899		899	899										

2.

4

FILE
MONTM

STAT 130

STATION NAME

YEARS

NOTES

PAR 5

ALL
HOURS (L. S. T.)

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

PSYCHROMETRIC SUMMARY

YEARS

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PAGE 1 ~~3020-5229~~

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

PSYCHROMETRIC SUMMARY

74-82

YEARS

SECRET

PAGE 1 300-05.1
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
71/ 69																		71	69																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 ~~SECRET~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
75/ 75					.1	.1												2	2																
74/ 73					.1		.1											3	3																
72/ 71				.3	.4	.2												9	9																
70/ 69			.4	1.2	.7	.4												25	25																
68/ 67			.9	1.1	2.2	.1												38	38																
66/ 65		.3	2.2	2.7	.4	.2	.1											57	57	12															
64/ 63	.2	3.9	5.9	9.3	2.5	.1	.1											208	208	48	17														
62/ 61	.6	1.5	4.2	5.6	2.5	.2												131	131	46	42														
60/ 59	.1	3.3	4.6	6.3	3.2													159	159	119	81														
58/ 57	.1	2.5	4.1	4.4	.1	.1												133	163	149	65														
56/ 55	.1	2.5	4.2	3.1	.3													93	93	142	126														
54/ 53		1.2	2.3	.7														43	43	137	96														
52/ 51	.2	.8	1.9	.3														29	29	127	113														
50/ 49		.2		.2														4	4	62	101														
48/ 47																				15	117														
46/ 45																					5	109													
44/ 43																						13													
42/ 41																						3													
40/ 39																						7													
38/ 37																						1													
TOTAL	1.3	16.9	30.5	33.1	2.5	.3												904		904	914														

Element (X)	ΣX'	ΣX	Σ	Σ _s	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	5214547	48051	75-330-080	000	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 86 F	≥ 93 F	Total
Dry Bulb	3339602	58793	60-6 8-578	000			7-0	-5			93
Wet Bulb	2863050	59730	56-1 8-238	000			3				93
Dew Point	2520066	47520	52-6 8-003	000							93

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE : 2977-11.00
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

74-67

YEARS

PAGE * ~~129-143~~

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 3 15-170
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
70/ 91																		1						
70/ 89																		2						
70/ 93																		2						
70/ 91																		13						
70/ 79																		13						
70/ 77																		13						
70/ 75																		13						
74/ 73																		13						
70/ 71																		13						
70/ 69																		13						
68/ 67																		13						
68/ 65																		13						
68/ 63																		13						
68/ 61																		13						
68/ 59																		13						
68/ 57																		13						
68/ 55																		13						
68/ 53																		13						
68/ 51																		13						
68/ 49																		13						
68/ 47																		13						
68/ 45																		13						
68/ 43																		13						
68/ 41																		13						
68/ 39																		13						
68/ 37																		13						
TOTAL																		929						

Element (X)	Σx^2	Σx	$\bar{x}$	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3559.96	56396	67.7	12.88	929	≥ 6 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 89 F	≥ 93 F	Total
Dry Bulb	4261798	62682	67.5	5.916	929			48.3	18.4	2.3		929
Wet Bulb	3271129	54973	59.2	4.421	929			4.2				929
Dew Point	2629166	49162	52.9	5.449	929							929

2

PAGE 1 ~~1~~ ~~2~~ ~~3~~ ~~4~~ ~~5~~ ~~6~~ ~~7~~ ~~8~~ ~~9~~ ~~10~~ ~~11~~ ~~12~~ ~~13~~ ~~14~~ ~~15~~ ~~16~~ ~~17~~ ~~18~~ ~~19~~ ~~20~~ ~~21~~ ~~22~~ ~~23~~ ~~24~~ ~~25~~ ~~26~~ ~~27~~ ~~28~~ ~~29~~ ~~30~~ ~~31~~ ~~32~~ ~~33~~ ~~34~~ ~~35~~ ~~36~~ ~~37~~ ~~38~~ ~~39~~ ~~40~~ ~~41~~ ~~42~~ ~~43~~ ~~44~~ ~~45~~ ~~46~~ ~~47~~ ~~48~~ ~~49~~ ~~50~~ ~~51~~ ~~52~~ ~~53~~ ~~54~~ ~~55~~ ~~56~~ ~~57~~ ~~58~~ ~~59~~ ~~60~~ ~~61~~ ~~62~~ ~~63~~ ~~64~~ ~~65~~ ~~66~~ ~~67~~ ~~68~~ ~~69~~ ~~70~~ ~~71~~ ~~72~~ ~~73~~ ~~74~~ ~~75~~ ~~76~~ ~~77~~ ~~78~~ ~~79~~ ~~80~~ ~~81~~ ~~82~~ ~~83~~ ~~84~~ ~~85~~ ~~86~~ ~~87~~ ~~88~~ ~~89~~ ~~90~~ ~~91~~ ~~92~~ ~~93~~ ~~94~~ ~~95~~ ~~96~~ ~~97~~ ~~98~~ ~~99~~ ~~100~~ ~~101~~ ~~102~~ ~~103~~ ~~104~~ ~~105~~ ~~106~~ ~~107~~ ~~108~~ ~~109~~ ~~110~~ ~~111~~ ~~112~~ ~~113~~ ~~114~~ ~~115~~ ~~116~~ ~~117~~ ~~118~~ ~~119~~ ~~120~~ ~~121~~ ~~122~~ ~~123~~ ~~124~~ ~~125~~ ~~126~~ ~~127~~ ~~128~~ ~~129~~ ~~130~~ ~~131~~ ~~132~~ ~~133~~ ~~134~~ ~~135~~ ~~136~~ ~~137~~ ~~138~~ ~~139~~ ~~140~~ ~~141~~ ~~142~~ ~~143~~ ~~144~~ ~~145~~ ~~146~~ ~~147~~ ~~148~~ ~~149~~ ~~150~~ ~~151~~ ~~152~~ ~~153~~ ~~154~~ ~~155~~ ~~156~~ ~~157~~ ~~158~~ ~~159~~ ~~160~~ ~~161~~ ~~162~~ ~~163~~ ~~164~~ ~~165~~ ~~166~~ ~~167~~ ~~168~~ ~~169~~ ~~170~~ ~~171~~ ~~172~~ ~~173~~ ~~174~~ ~~175~~ ~~176~~ ~~177~~ ~~178~~ ~~179~~ ~~180~~ ~~181~~ ~~182~~ ~~183~~ ~~184~~ ~~185~~ ~~186~~ ~~187~~ ~~188~~ ~~189~~ ~~190~~ ~~191~~ ~~192~~ ~~193~~ ~~194~~ ~~195~~ ~~196~~ ~~197~~ ~~198~~ ~~199~~ ~~200~~ ~~201~~ ~~202~~ ~~203~~ ~~204~~ ~~205~~ ~~206~~ ~~207~~ ~~208~~ ~~209~~ ~~210~~ ~~211~~ ~~212~~ ~~213~~ ~~214~~ ~~215~~ ~~216~~ ~~217~~ ~~218~~ ~~219~~ ~~220~~ ~~221~~ ~~222~~ ~~223~~ ~~224~~ ~~225~~ ~~226~~ ~~227~~ ~~228~~ ~~229~~ ~~230~~ ~~231~~ ~~232~~ ~~233~~ ~~234~~ ~~235~~ ~~236~~ ~~237~~ ~~238~~ ~~239~~ ~~240~~ ~~241~~ ~~242~~ ~~243~~ ~~244~~ ~~245~~ ~~246~~ ~~247~~ ~~248~~ ~~249~~ ~~250~~ ~~251~~ ~~252~~ ~~253~~ ~~254~~ ~~255~~ ~~256~~ ~~257~~ ~~258~~ ~~259~~ ~~260~~ ~~261~~ ~~262~~ ~~263~~ ~~264~~ ~~265~~ ~~266~~ ~~267~~ ~~268~~ ~~269~~ ~~270~~ ~~271~~ ~~272~~ ~~273~~ ~~274~~ ~~275~~ ~~276~~ ~~277~~ ~~278~~ ~~279~~ ~~280~~ ~~281~~ ~~282~~ ~~283~~ ~~284~~ ~~285~~ ~~286~~ ~~287~~ ~~288~~ ~~289~~ ~~290~~ ~~291~~ ~~292~~ ~~293~~ ~~294~~ ~~295~~ ~~296~~ ~~297~~ ~~298~~ ~~299~~ ~~300~~ ~~301~~ ~~302~~ ~~303~~ ~~304~~ ~~305~~ ~~306~~ ~~307~~ ~~308~~ ~~309~~ ~~310~~ ~~311~~ ~~312~~ ~~313~~ ~~314~~ ~~315~~ ~~316~~ ~~317~~ ~~318~~ ~~319~~ ~~320~~ ~~321~~ ~~322~~ ~~323~~ ~~324~~ ~~325~~ ~~326~~ ~~327~~ ~~328~~ ~~329~~ ~~330~~ ~~331~~ ~~332~~ ~~333~~ ~~334~~ ~~335~~ ~~336~~ ~~337~~ ~~338~~ ~~339~~ ~~340~~ ~~341~~ ~~342~~ ~~343~~ ~~344~~ ~~345~~ ~~346~~ ~~347~~ ~~348~~ ~~349~~ ~~350~~ ~~351~~ ~~352~~ ~~353~~ ~~354~~ ~~355~~ ~~356~~ ~~357~~ ~~358~~ ~~359~~ ~~360~~ ~~361~~ ~~362~~ ~~363~~ ~~364~~ ~~365~~ ~~366~~ ~~367~~ ~~368~~ ~~369~~ ~~370~~ ~~371~~ ~~372~~ ~~373~~ ~~374~~ ~~375~~ ~~376~~ ~~377~~ ~~378~~ ~~379~~ ~~380~~ ~~381~~ ~~382~~ ~~383~~ ~~384~~ ~~385~~ ~~386~~ ~~387~~ ~~388~~ ~~389~~ ~~390~~ ~~391~~ ~~392~~ ~~393~~ ~~394~~ ~~395~~ ~~396~~ ~~397~~ ~~398~~ ~~399~~ ~~400~~ ~~401~~ ~~402~~ ~~403~~ ~~404~~ ~~405~~ ~~406~~ ~~407~~ ~~408~~ ~~409~~ ~~410~~ ~~411~~ ~~412~~ ~~413~~ ~~414~~ ~~415~~ ~~416~~ ~~417~~ ~~418~~ ~~419~~ ~~420~~ ~~421~~ ~~422~~ ~~423~~ ~~424~~ ~~425~~ ~~426~~ ~~427~~ ~~428~~ ~~429~~ ~~430~~ ~~431~~ ~~432~~ ~~433~~ ~~434~~ ~~435~~ ~~436~~ ~~437~~ ~~438~~ ~~439~~ ~~440~~ ~~441~~ ~~442~~ ~~443~~ ~~444~~ ~~445~~ ~~446~~ ~~447~~ ~~448~~ ~~449~~ ~~450~~ ~~451~~ ~~452~~ ~~453~~ ~~454~~ ~~455~~ ~~456~~ ~~457~~ ~~458~~ ~~459~~ ~~460~~ ~~461~~ ~~462~~ ~~463~~ ~~464~~ ~~465~~ ~~466~~ ~~46~~

4-63

YEARS

WJTC

REVISED AND VARIOUS EDITIONS OF THIS FORM ARE OBSOLETE

A-26.5 (OL A)

W. H. W.

USAFET

2

YEARS

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DATE: 21-2-23
HOURS (L. S. T.): 11-12

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

USAFETAC

2

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74-23

YEARS

1234

PAGE 1 41
HOURS (L. S. T.)

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

USAFETAC

PSYCHROMETRIC SUMMARY

4-63

YEARS

PAGE 1 ~~CONFIDENTIAL~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.S./W.S.	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																
73/ 71																		3	3																
71/ 69				.1	.5													6	6																
69/ 67				.2														2	2																
67/ 65			1.2	.4	.1													17	17																
65/ 63		4.3	2.7	5.5	.2													119	119	26															
63/ 61		3.7	8.5	2.2	.1													136	136	55	24														
61/ 59	.1	3.6	6.7	2.8	1.2													141	151	76	5														
59/ 57	.1	5.2	6.4	3.7														142	142	160	61														
57/ 55	1.2	4.7	5.4	3.1														171	131	152	151														
55/ 53	.2	5.1	4.9	1.3														87	87	125	123														
53/ 51	.2	.3	3.8	.4														48	49	112	136														
51/ 49		1.9	3.7	.4														56	56	94	79														
49/ 47		.6	.2	.4														12	12	74	73														
47/ 45		.7	.4	.1														3	8	13	149														
45/ 43		.3	.2															5	5	15	35														
43/ 41		.1																1	1	3	17														
41/ 39																					7														
39/ 37																					1	7													
37/ 35																						1													
35/ 33																																			
33/ 31																																			
TOTAL	1.62	2.54	6.52	1.6	2.3	.1													924		924														

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1

YEARS

ALL
MONTH

PAGE 1 CS 27-28
MAY 1968

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

2

1

YEARS



~~701-5-1-19~~

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

USAFETYAC

PSYCHROMETRIC SUMMARY

AUG
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

74-83

YEARS



PAGE 1 ~~1650-177~~

[illegible]

2

PSYCHROMETRIC SUMMARY

74-87

YEARS

ALL
MONTH

PAGE : 1850-2206
HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (01 A)

USAFETAC

PSYCHROMETRIC SUMMARY

05251	WOODBRIDGE RAF UK
STATION	STATION NAME

74-82

YEARS

— 443 —

PAGE : ~~21-23~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/ 77																		1	3																
70/ 75																		2	7																
74/ 73																		3	3																
77/ 71																		6	9																
70/ 69				.5	.5	.6	.7											19	19																
68/ 67				.4	.3	.2												15	15	1															
68/ 65			.1	1.6	1.6	1.	.1											43	43	17															
64/ 63	.2	3.1	5.9	11.9	2.3	.9												226	226	24	17														
60/ 61	.2	1.9	3.9	7.1	2.9	.2												197	197	45	38														
57/ 59	.2	4.5	7.5	3.4	1.9	.1												165	165	121	52														
59/ 57		2.7	4.9	4.1	.9	.1												117	117	242	87														
56/ 55			.8	2.6	2.3	.7												55	55	166	157														
54/ 53	.2	.3	2.3	1.3	.5													43	43	107	148														
52/ 51		.2	1.9	.6	.1													27	27	94	135														
50/ 49		.3	.2															5	5	52	84														
48/ 47				.1														1	1	26	78														
46/ 45		.1	.1	.1														3	3	4	65														
44/ 43																				2	59														
42/ 41																				1	10														
40/ 39																					9														
38/ 37																					2														
35/ 35																					1														
34/ 33																					1														
TOTAL		.9	14.1	37.0	34.0	11.9	2.3	.1										930	930	930	930														

Element (X)	Σ x'	Σ x	Σ	Σ ²	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5309153	60250	75.3	0.612	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 86 F	≥ 93 F	
Dry Bulb	3418992	56250	60.5	4.249	930			4.8	4			93
Wet Bulb	2931856	52080	56.1	4.368	930			3				93
Dew Point	2573350	48700	52.4	4.001	930							93

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

PAGE 1 ~~CONFIDENTIAL~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
72/ 71				.1	.1													3	3																
66/ 67			.1	.1	.1													3	3																
66/ 65		.3	.7	.7	.4													19	19	3															
66/ 63	.4	1.6	3.0	2.3	.2	.1												69	69	11	7														
67/ 61	.7	1.9	4.2	4.1	1.													103	103	25	14														
67/ 59		3.6	6.6	3.3	.7													127	127	69	17														
67/ 57		3.1	4.9	4.6	1.2													124	124	98	53														
56/ 55		3.7	4.7	5.1	.6													126	126	126	77														
54/ 53		2.2	6.2	2.4	.6													105	105	117	111														
52/ 51		3.1	4.8	1.4														83	83	117	97														
51/ 49		1.8	2.4	1.6														47	47	139	115														
48/ 47		5.7	2.1	.4														47	47	76	90														
46/ 45		1.8	1.0	.2														35	35	64	119														
44/ 43		.3	.3															6	6	34	84														
42/ 41		.1	.2															3	3	18	52														
42/ 39																					35														
38/ 37																					13														
36/ 35																					9														
34/ 33																					2														
TOTAL		726	742	125	9	5	2	.1										910		910															

Element (X)	ΣX'	ΣX	N	°X	No. Obs.	Mean No. of Hours with Temperature						Total
Ref. Num.	5581534	70146	77.9	9.08	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2451742	50950	56.1	5.143	900			6				90
Wet Bulb	2493197	47155	52.9	5.07	900							90
Dew Point	2204624	44227	49.2	5.027	900							90

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73-5

YEARS

55
MONTH

PAGE 2 20-25
HOURS (L. S. T.)

USAFETAC
FORM
RA 64
0-26-5 (OLA)
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GENERAL CLIMATOLOGY BRANCH
AFSTAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

STATION NAME
WOODBRIDGE RAE, UK

73-67

YEARS

MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL Dry Bulb Wet Bulb 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																	
7/ 69																																		
6/ 67																																		
6/ 65																																		
6/ 63																																		
7/ 61																																		
7/ 59																																		
6/ 57																																		
6/ 55																																		
6/ 53																																		
6/ 51																																		
7/ 49																																		
6/ 47																																		
6/ 45																																		
6/ 43																																		
7/ 41																																		
6/ 39																																		
6/ 37																																		
6/ 35																																		
TOTAL																																		

Element (X)	Σx^2	Σx	$\bar{x}$	s^2	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	3484540	60797	77.6	8.527	600	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$
Dry Bulb	2844012	53376	56.7	5.175	900						
Wet Bulb	2479357	4725	52.3	4.281	900						
Dew Point	2135285	4451	48.9	5.698	600						

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

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7-57

YEARS

MONTH

DATE: 12-1-77
HOURS: 11:57

REVISED EDITIONS OF THIS POEM ARE OBSOLETE

A)

26-5 (Q1)

NAME

USAFETYAC

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73-61

YEARS

MONTH

PAGE 1 157-17-2
MOBILE (1-5-51)

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

USAFETAC

PSYCHROMETRIC SUMMARY

73-82

YEARS

~~SECRET~~
MONTH

FAL - ~~Notes 9/1/77~~[illegible]

PSYCHROMETRIC SUMMARY

72-62

YEARS

MONTH

DATE 2000-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

25951 WOODBRIDGE PAF UK
STATION STATION NAME

73-27

YEARS

SECRET

PAGE 2

MOVERS 15-6-70

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/ 91																		6	5																
77/ 79																		6	4																
77/ 77																		13	13																
77/ 75																		27	27																
74/ 75																		47	47																
72/ 71																		106	106																
70/ 69																		214	214																
68/ 67																		233	233	13															
67/ 65																		468	468	58															
64/ 63																		1169	1169	191	65														
62/ 61																		982	982	425	132														
62/ 59																		964	964	623	295														
61/ 57																		769	769	1022	457														
60/ 55																		670	670	1069	605														
47/ 53																		490	490	593	758														
22/ 51																		393	393	855	891														
17/ 49																		213	213	852	722														
46/ 47																		264	264	619	735														
46/ 45																		147	147	281	983														
44/ 43																		37	37	153	623														
42/ 41																		14	14	73	897														
41/ 39																		3	3	26	242														
75/ 37																					143														
50/ 35																					47														
74/ 33																					13														
52/ 31																					3														
TOTAL	.415	.220	.626	.144	.93	.43	1.4	.3	.7									7200	7200	7200															

Element (X)	Σx'	Σx	Σ	σ _s	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	37519474	511358	71.32	.021	7200	≥ 8 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	25519749	426377	59.2	6.125	7200			64.8	9.5	.8		720
Wet Bulb	21133325	388385	53.9	5.42	7200			3.3				72.1
Dew Point	17812478	355548	49.4	5.004	7200							72.2

PSYCHROMETRIC SUMMARY

'3-8'

YEARS

221
MONTH

PAGE

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				
64/ 63		.1	.2	.4														0	0						
63/ 61		1.1	1.7	.3														19	23	4					
62/ 59		.9	2.7	.6	.1													35	39	22					
61/ 57		2.9	1.9	.9	.7													54	54	28	17				
60/ 55	.1	3.9	3.0	1.7	.4													69	84	53					
59/ 53	1.1	3.9	6.5	1.2	.7													102	122	74	72				
58/ 51	.5	3.8	5.9	1.8	.1													113	113	64	60				
57/ 49	.8	3.3	7.7	1.2	.7													116	115	111	72				
48/ 47	.3	5.2	4.7	1.1	.3													101	101	126	88				
46/ 45	.1	5.5	6.7	.6	.7													102	122	125	105				
44/ 43		1.3	4.5	.3														67	67	103	65				
42/ 41		1.2	2.4															33	33	71	9				
41/ 39		1.5	1.4															27	27	54	74				
38/ 37	.7	.1	1.1															13	13	32	75				
36/ 35		.5	.5															10	17	17	51				
34/ 33																									
32/ 31																									
30/ 29																									
28/ 27																									
TOTAL	3.135	15.1	9.5	2.3														673	931		931				

Element (X)	Σ X'	Σ X	X	Σ X	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6017096	74392	79.9	8.987	930	≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	2378269	46725	50.2	5.750	930							93
Wet Bulb	2108568	43958	47.3	5.760	930							93
Dew Point	1858635	41107	44.2	6.697	930							93

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

~~NOTES 7-8-95~~

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
40/ 63			.2	.9																													9	9		
42/ 61			.4	1.6																													19	19		
44/ 59			.6	1.3	.6	.1																											40	33	17	
46/ 57	.1	2.3	2.4	.4	.1																												49	43	22	
48/ 55	.8	4.8	3.7	1.3	.7																												101	101	43	
50/ 53	1.3	3.2	2.7	1.5	.1																												82	82	65	
52/ 51	.5	3.7	4.5	1.1																													85	85	87	
54/ 49	.3	3.4	4.9	1.1	.1																												124	64	64	
40/ 47	.7	6.7	4.9	1.4	.4																												128	108	104	
46/ 45	.3	7.7	8.2	1.3																													156	156	174	
48/ 43	.2	6.9	4.1	1.2																														76	76	99
42/ 41	.1	1.8	2.7																															44	44	112
44/ 39		1.7	.6																															72	27	62
46/ 37	.1	.6	1.2																															16	18	41
48/ 35		1.1	.5																															15	15	14
50/ 33		.2																																7	3	23
52/ 31																																				4
54/ 29																																				
56/ 27																																				
58/ 25																																				
TOTAL	4.14	14.7	14.4	7	9.9	1.3																											934	831	933	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6326404	74088	87.6	9.282	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 92 F	
Dry Bulb	2294331	45873	49.7	5.833	930							93
Wet Bulb	2094875	43261	46.5	5.878	930							93
Dew Point	1806837	40089	43.5	6.289	930							93

GLOBAL CLIMATOLOGY BRANCH
CLAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

45991	WOODBRIDGE RAF UK
STATION	STATION NAME

5-82

YEARS

20 MONTHS

PAGE 5

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 ~~CONFIDENTIAL~~

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															
71/ 60																		1	1																
68/ 67																		2	2																
64/ 65				.8	.7	.1												11	11																
64/ 63			.2	1.7	2.1	.5												42	42																
67/ 61		.3	3.1	1.9	.7	.1												62	62	16															
61/ 59		1.2	3.1	2.6	1.7	.2												83	83	19	16														
64/ 57	.1	2.6	3.9	4.4	1.	.3												114	114	61	71														
56/ 55	.6	2.2	3.2	5.3	1.6													129	129	65	45														
64/ 53	.9	2.2	4.6	4.2	1.3	.1												128	128	95	61														
62/ 51	.2	1.8	6.2	4.1	2.3													116	136	119	63														
67/ 49		1.4	3.7	2.7	.4													76	76	136	68														
62/ 47		1.5	3.1	1.9	.7													63	63	127	76														
61/ 45		2.3	4.1	.7	.7													82	82	129	150														
64/ 43		.2	1.5	.3	.1													24	24	74	65														
67/ 41	.2	.3	1.1	.3														17	17	33	116														
41/ 39																				34	77														
76/ 37																				9	69														
67/ 35																				4	36														
64/ 33																					17														
62/ 31																					7														
61/ 29																					3														
68/ 27																					1														
60/ 25																					3														
TOTAL	2.0	25.9	39.9	37.5	.8	.9												973	973	934	934														

Element (X)	Σ X'	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5167039	68661	73-83C-718	930		± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 92 F	Total
Dry Bulb	2715005	53009	53.8	5.277	937				3			63
Wet Bulb	2308528	46.82	49.6	5.202	930							93
Dew Point	1951285	42197	45.4	6.462	930		1-2					0

PSYCHROMETRIC SUMMARY

YEARS

MONTANA

PAJ 1-1-14

[illegible]

2

PSYCHROMETRIC SUMMARY

218

YEARS

MONY

PAGE 1 ~~1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-~~

USAFETAC
FORM
B-1 4-4
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
1/ 40			.3	.7	.5													10	14																	
2/ 41			.4	.7	1.1	.7												48	54	5																
3/ 59			.4	.4	.6													19	59	19																
4/ 57	.1	1.2	3.0	1.4	.7													74	74	34																
5/ 55	.4	2.8	2.8	4.4	.7													109	109	86	36															
6/ 53	.4	3.5	6.5	3.5	1.7													142	142	89	40															
7/ 51	.3	2.2	5.6	1.7	.4													111	111	87	73															
8/ 49	.1	2.2	3.1	2.3	.7													81	81	157	63															
9/ 47	.1	2.4	3.9	2.3	.7													88	86	107	64															
10/ 45	.1	3.4	7.5	1.3	.7													115	114	104	107															
11/ 43		.5	2.7	.8														89	87	87	81															
12/ 41		.5	1.7	.7														1	81	82	86															
13/ 39		.5	.5															0	8	77	79															
14/ 37			.1	.2														0	7	84	77															
15/ 35		.1	.1															7	7	81	77															
16/ 33																				8	77															
17/ 31																				3	8															
18/ 29																					1															
19/ 27																					1															
20/ 23																					7															
TOTAL	1.6	23.8	48.9	20.0	4.0													970		934	24															
																						970		934	24											

2

YEARS

MONTY

246: ~~23-27~~

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

YEARS _____ MONTH _____
 3 4 5
 HOURS _____

STATION	MOBILE L. SAE IV	STATION NAME

USAFETYAC

NATIONAL CLIMATOLOGY BRANCH
 METEOROLOGICAL
 AIR WEATHER SERVICE/MAL

PSYCHROMETRIC SUMMARY

100-21046 3AF UK
STATION STATION NAME

—

YEARS

10074

7025

NOTES 71-8-73

[illegible]

PSYCHROMETRIC SUMMARY

7-951	WOTBRIDGE RAF UK
STATION	STATION NAME

73-32

YEARS

NO
MONTH

PAGE

2-2-5
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															
59																		3	4																	
57																		4	4																	
55																		27	27	21																
53																		40	40	26	25															
51																		53	53	19	18															
49																		59	59	42	42															
47																		63	63	31	30															
45																		68	68	21	20															
43																		109	109	17	16															
41																		50	50	16	15															
39																		63	63	12	11															
37																		59	59	12	11															
35																		50	50	10	9															
33																		50	50	8	7															
31																		22	22	6	5															
29																		14	14	4	3															
27																		12	12	3	2															
25																		7	7	1	1															
23																																				
21																																				
19																																				
17																																				
15																																				
TOTAL	6.242	3.343	5.9.1															794	794	794	794															

Element (X)	Σx^1	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.	5184733	63626	87.11	6.423	794							
Dry Bulb	1547647	34647	43.6	6.718	794		4.1					9.2
Wet Bulb	1375582	32612	41.1	6.748	794		9.4					4.2
Dew Point	1183153	29993	37.8	7.955	794		27.5					1.3

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

MEMO

USAFETAC

PSYCHROMETRIC SUMMARY

STAT ID LOGGABLE DAF IN

73-42

YEARS

425
MONTH

5455

NOV 13 1957

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														
57		.2	.1															8	4																
56	.5	.2	.2	.2	.4													10	13	4															
55	.4	.2	.2	1.7	.5													39	39	71	10														
54	.3	.2	.2	.7	.6													22	61	31	20														
53	.4	1.5	3.5															44	44	53	24														
52	.5	3.7	2.6	1.2														53	65	43	23														
51	1.8	4.7	4.2	1.2														57	97	32	122														
50	.5	3.1	3.4	1.1														61	41	44	40														
49	.1	5.4	5.2	1.1														64	64	55	7														
48	.4	3.5	3.1	.6														61	61	38	51														
47	.4	3.1	4.9	.2														69	69	71	45														
46	.4	4.6	1.2	.1														59	54	75	70														
45	.3	2.7	.6															59	59	35	73														
44	.1	1.5	.5															17	17	44	47														
43		1.5	.9															19	19	15	57														
42	.1	.2	.4															4	4	15	72														
41																					18														
40																					6														
39																					9														
38																					1														
37																					1														
TOTAL	6.5	43.3	34.3	1.7	.1													301	574	374	371														

Element (X)	ΣX²	ΣX	X̄	s²	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	
Rel. Hum.	5304358	64654	60.730	16.1	801						
Dry Bulb	1561638	38286	43.6	6.799	801		4.7				90
Wet Bulb	1391923	32943	41.1	6.807	801		8.5				90
Dew Point	1204733	30309	38.0	7.388	801		25.1				90

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AAC

PSYCHROMETRIC SUMMARY

STATION WOODBRIDGE RAF UK
STATION NAME

71-80

YEARS

10
MONTH

PAGE 1

9-11-80
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															
51					.1	.1																													
50					.2																														
49			.1	.2																															
48		.1	.2	.3	.4																														
47		.2	.3	.4	.5	.6																													
46		.3	.4	.5	.6	.7	.8																												
45		.4	.5	.6	.7	.8	.9	1.0																											
44		.5	.6	.7	.8	.9	1.0	1.1	1.2																										
43		.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4																									
42		.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6																								
41		.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8																							
40		.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0																						
39		1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2																					
38		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4																				
37		1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6																			
36		1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8																		
35		1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0																	
34		1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2																
33		1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4															
32		1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6														
31		1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8													
30		1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0												
29		2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2											
28		2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4										
27		2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6									
26		2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8								
25		2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0							
24		2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2						
23		2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4					
22		2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5					
21		2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6					
20		2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7					
19		3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8					
18		3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9					
17		3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0					
16		3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1					
15		3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2					
14		3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3					
13		3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4					
12		3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5					
11		3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6					
10		3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7					
9		4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8					
8		4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9					
7		4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0					
6		4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1					
5		4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2					
4		4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3					
3		4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4					
2		4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9											

PSYCHROMETRIC SUMMARY

~~SOV~~
MONTH

PAGE ~~1~~ 2 ~~100-3447~~
HOURS 4.3.4.4

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL O.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															
77/ 51			1.	.1	.4													17	17																
77/ 59			.2	1.6	.6	.4												23	23																
77/ 57			1.4	1.1	1.1	.5												73	33	10															
77/ 55			1.8	4.6	4.4	.5												92	62	25															
77/ 57	.4	1.8	3.1	1.8														58	58	45	33														
77/ 51		1.8	4.9	1.5	.6													71	71	66	22														
77/ 49		3.3	3.8	1.6	1.6													78	78	97	41														
77/ 47	.1	2.8	5.2	3.4	1.7													108	108	25	55														
77/ 45	.9	3.6	5.6	3.8	1.7													150	150	91	114														
77/ 43	.2	2.7	5.7	2.3	1.7													91	61	156	50														
77/ 41		.7	2.5	1.5	.4													42	42	106	64														
77/ 39		.2	2.2	.9														5	25	27	67														
77/ 37	.1	.2	.9	.9														17	17	43	71														
77/ 35		.1	.5	.1														6	6	38	81														
77/ 33		.5	.7															6	6	19	5														
77/ 31																				12	33														
77/ 29																					18														
77/ 27																					34														
77/ 25																					17														
77/ 23																					12														
77/ 21																					2														
77/ 19																					2														
TOTAL	1.718	747.7	24.1	9.4														812	17	812	912														

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	85029.8	59726	73.6	11.636	812	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	1939757	39421	48.5	5.651	812							06
Wet Bulb	1649811	36289	44.7	5.378	812		1.7					02
Dew Point	1761884	32664	40.2	7.455	812		14.4					02

10251	ACCOMPLISHED RAF UK
STATION	STATION NAME

- 8 -

YEARS

NCV
MONTH

PAGE : 16-17
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	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
67/61				.4	.1	.1													0	0							
67/59				1.2	.1	.1													12	12							
67/57	.1	.5	1.7	.9	.1														17	17	3	4					
67/55	.1	1.6	3.2	2.3	.1														18	18	14	7					
67/53	1.	2.5	4.1	2.9	.1														27	27	20	24					
67/51		1.9	4.9	.9	.2														33	33	24	23					
67/49	.1	2.7	4.7	1.4	.4														36	36	28	31					
67/47	.1	3.2	3.6	1.2	.7														37	37	32	38					
67/45	1.	4.3	2.3	3.8	1.1														104	104	74	103					
67/43	.2	3.3	5.4	3.5	.1														105	105	73	73					
67/41	.2	2.8	4.2	1.1	.2														70	70	28	74					
67/39		1.4	2.3	1.3															38	38	29	32					
67/37	.5	.7	1.	.6															25	25	23	27					
67/35		.5	1.	.6															17	17	15	17					
67/33		.3	.1																8	8	12	30					
67/31		.2																	2	2	14	56					
67/29																					8	27					
67/27																						41					
67/25																						11					
67/23																						8					
67/21																						4					
67/19																						0					
67/17																						0					
TOTAL		3.225	8.46	2.20	7.3	.5														610	610	910	910				

Element (X)	ΣX'	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4759614	61360	75.8	11.715	810	≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 86 F	≥ 93 F	
Dry Bulb	1641440	38320	47.3	5.943	810		2.2					2
Wet Bulb	1591888	35570	43.9	6.078	810		2.2					9
Dew Point	1331424	32244	39.8	7.691	810		17.3					9

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

PSYCHROMETRIC SUMMARY

73-52

YEARS

1-2-3
MONTH

PAGE 1 ~~157-229~~
HOURS 10.3.55

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point																
100 / 81																		2	2																	
99 / 59			.1	.7	.1													2	2																	
97 / 57			.5	.7	.6													15	15	3																
95 / 55			2.2	2.5	1.4													40	40	12	6															
93 / 53		1.1	1.9	3.2	.7	.1												57	57	34	2															
91 / 51		.4	2.3	4.6	.1	.1												61	61	64	22															
89 / 49		.4	1.6	4.1	.1													50	50	51	38															
87 / 47			.5	2.3	3.1	1.4	.2											80	80	78	45															
85 / 45		1.	5.3	5.1	2.2	.1												109	109	71	94															
83 / 43		.6	1.7	5.3	3.2													93	93	73	70															
81 / 41		.5	5.8	4.7	1.7													103	103	74	71															
79 / 39			4.2	3.1	1.5	.2												73	73	84	45															
77 / 37		.2	2.6	2.1	.3													45	45	102	50															
75 / 35			2.2	1.2	.2													26	26	62	71															
73 / 33			1.5	1.7	.5													50	50	51	77															
71 / 31			.6	.1														6	6	24	51															
69 / 29			.1															1	1	13	57															
67 / 27																				5	43															
65 / 25																					19															
63 / 23																					1															
61 / 21																					3															
59 / 19																					5															
57 / 17																					4															
TOTAL		4.4	37.7	42.2	14.8	.9																														
																		810		810	8.5															

Element (X)	Σx^2	Σx	$\bar{x}$	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	511355	63736	78.701	28	810	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	1698802	36739	45.8	6.376	810		.8					90
Wet Bulb	1495711	34809	42.5	6.884	810		8.7					90
Dew Point	1277948	31536	38.9	7.873	810		20.6					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 77951 WOODBRIDGE PAF UK STATION NAME

- 3 -

YEARS

~~NO~~
MONTH

PAGE 2 210-23
HOURS 11. 9. 7.1

[illegible]

PSYCHROMETRIC SUMMARY

STATION NAME

2-3-73

YEARS

NOV
MONTH

PACF :

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
UAFETAC
AFN WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1951	DODDRIE RAE JK
STATION	STATION NAME

73-74, 76-82

YEARS

212
MONTH

146

NOON (L. S. T.)

[illegible]

23-74-26-22

YEARS

NO. 100-100000

[illegible]

CENTRAL CLIMATOLOGY BRANCH
 1000 TAC
 AIRCRAFT SERVICE/NAVAL

PSYCHROMETRIC SUMMARY

STATION ACQUEDUCTE DAF 1K 1974-1975 1975
STATION NAME YEARS MONTH
HOURS (L.S.T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-79, 76-62

YEARS

MONTH

• **As**

NOV 19 1954

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. Wet Bulb	Dry Bulb Dew Point	
1/ 59																																			
1/ 57																																			
1/ 55																																			
1/ 53																																			
1/ 51																																			
1/ 49																																			
1/ 47																																			
1/ 45																																			
1/ 43																																			
1/ 41																																			
1/ 39																																			
1/ 37																																			
1/ 35																																			
1/ 33																																			
1/ 31																																			
1/ 29																																			
1/ 27																																			
1/ 25																																			
1/ 23																																			
1/ 21																																			
1/ 19																																			
1/ 17																																			
1/ 15																																			
1/ 13																																			
TOTAL	5.63	2.49	6.6	3.4																															

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5128532	64248	78.73	7.60	825	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	1447152	34152	41.4	6.36	825		6.8					
Wet Bulb	1272966	31286	38.8	6.33	825		15.2					
Dew Point	1163207	28060	35.1	7.45	825		36.2					

JOINT CLIMATEOLOGY BRANCH
AF/CLIMATE SERVICE/AFAC

YEARS

— 170 —

YEARS

MONTE

NOUVEAU

[illegible]

0.26-5 (QLA)

USAFETAC FORM 8-64

2

JOINT CLIMATELOGY BRANCH
AFSC/AFAC
AFSC/AFAC/AFAC/AFAC

PSYCHROMETRIC SUMMARY

STATION: AFSC/AFAC/AFAC/AFAC STATION NAME: 17-74-74-00 YEARS: MONTH: PAGE: 1

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	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
17																																				
16																																				
15																																				
14																																				
13																																				
12																																				
11																																				
10																																				
9																																				
8																																				
7																																				
6																																				
5																																				
4																																				
3																																				
2																																				
1																																				
0																																				
TOTAL																																				

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ^2	No. Obs	Mean No. of Hours with Temperature						Total
Rel. Hum.	1225.697	63.28	77.8	12.466	8.5	10 F	12 F	14 F	16 F	18 F	20 F	
Dry Bulb	161.315	34.47	42.9	6.171	8.5		5.0					
Wet Bulb	1316.291	125.02	39.5	6.149	8.5		13.0					
Dew Point	1084.360	202.68	35.5	7.075	8.5		31.0					

USAFETAC FORM 0-26.5 (OL A) 1-64 RE-10 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MONT

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONT

PAGE 23

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														
11/ 55																		3	7																
11/ 53			2	1.3	2													19	13	3															
11/ 51			2	1.3														19	13	3															
11/ 49			2	1.3	1													19	13	3															
11/ 47			2	1.3	1.3	2												19	13	3															
11/ 45			2	1.3	1.3	1.3												19	13	3															
11/ 43			2	1.3	1.1	1.1												19	13	3															
11/ 41			2	1.3	1.1	1.1												19	13	3															
11/ 39			2	1.3	1.1	1.1												19	13	3															
11/ 37			2	1.3	1.1	1.1												19	13	3															
11/ 35			2	1.3	1.1	1.1												19	13	3															
11/ 33			2	1.3	1.1	1.1												19	13	3															
11/ 31			2	1.3	1.1	1.1												19	13	3															
11/ 29			2	1.3	1.1	1.1												19	13	3															
11/ 27			2	1.3	1.1	1.1												19	13	3															
11/ 25			2	1.3	1.1	1.1												19	13	3															
11/ 23			2	1.3	1.1	1.1												19	13	3															
11/ 21			2	1.3	1.1	1.1												19	13	3															
11/ 19			2	1.3	1.1	1.1												19	13	3															
11/ 17			2	1.3	1.1	1.1												19	13	3															
11/ 15			2	1.3	1.1	1.1												19	13	3															
11/ 11			2	1.3	1.1	1.1												19	13	3															
TOTAL																		820	200	90															

Element (X)	ΣX'	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	52146.75	64211	74.2	9.024	820	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	14352.2	33496	47.8	6.717	820		17.7					93
Wet Bulb	12381.2	31419	39.3	6.549	820		16.9					93
Dew Point	10366.2	28488	34.7	7.573	820		18.4					93

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

USAFETAC

11. E

PSYCHROMETRIC SUMMARY

STATION 200 JULES KAF IN STATION NAME

73-74, 76-82

YEARS

250
MONTH

7457

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

STATION DOUGLASS BAF IN STATION NAME

— 3 —

YEARS

MONTH

FAC 9

MOUSE 1 1 1 1 1

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

ALL
MONTH

743

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
4 / 21	.	.																40	42	173	267				
4 / 21	.	.																40	42	173	267				
4 / 19	.	.																40	42	173	267				
4 / 17	.	.																40	42	173	267				
4 / 15	.	.																40	42	173	267				
4 / 13	.	.																40	42	173	267				
4 / 11	.	.																40	42	173	267				
4 / 9	.	.																40	42	173	267				
TOTAL	5.2	26.2	35.7	19.4	8.9	4.4	2.1	.	.	.	.	.	.	.	.	.	.	2235.9	6234.9	2235.9	6234.9				
																						2235.9	6234.9		
																							</		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

35951 WOODBRIDGE 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	39.8	38.5	41.1	42.8	48.2	54.6	58.2	59.1	56.1	50.2	44.3	41.3	48.3												
	S D	6.599	5.527	4.941	4.743	5.129	4.737	4.387	4.642	5.143	5.750	6.631	6.666	9.365												
	TOTAL OBS	769	705	746	792	834	812	845	924	920	930	800	768	9825												
03-05	MEAN	39.3	37.7	40.1	41.8	47.1	53.4	56.8	57.5	54.6	49.3	43.6	40.9	47.4												
	S D	6.623	5.642	4.892	4.715	5.000	4.689	4.214	4.642	5.280	5.833	6.718	6.673	8.816												
	TOTAL OBS	741	674	723	793	834	811	852	924	920	930	794	735	9711												
06-08	MEAN	39.1	37.6	40.7	43.7	50.9	57.2	60.6	60.1	56.0	49.6	43.6	40.5	48.9												
	S D	6.767	5.497	4.842	4.695	5.252	4.838	4.576	4.645	5.175	5.987	6.799	6.804	9.813												
	TOTAL OBS	773	703	818	866	896	872	904	928	920	929	821	763	10153												
09-11	MEAN	40.3	40.0	44.4	48.3	55.4	61.9	65.5	66.0	61.7	53.8	46.2	41.4	52.5												
	S D	6.426	5.379	4.650	5.127	5.869	5.959	5.448	5.076	4.681	5.277	6.175	6.366	10.967												
	TOTAL OBS	834	759	902	920	924	897	930	930	920	930	810	825	10541												
12-14	MEAN	42.3	42.2	46.8	50.5	57.2	64.0	67.7	68.6	64.5	56.0	48.5	43.2	54.8												
	S D	6.347	5.483	5.134	5.570	6.304	6.671	6.059	5.460	4.989	4.914	5.651	6.010	11.151												
	TOTAL OBS	834	758	901	898	924	898	930	930	920	930	812	825	10540												
15-17	MEAN	41.7	41.7	46.5	49.8	56.7	63.8	67.5	67.9	63.8	54.9	47.3	42.4	54.1												
	S D	5.956	5.390	5.243	5.564	6.091	6.311	5.916	5.017	4.893	4.889	5.943	6.171	11.198												
	TOTAL OBS	834	759	901	920	924	898	929	930	900	930	810	825	10540												
18-20	MEAN	40.3	39.7	43.8	46.4	53.3	60.4	64.2	64.1	59.9	51.9	45.4	41.3	51.3												
	S D	6.086	5.364	4.976	4.891	5.561	5.514	5.151	4.331	4.766	5.309	6.376	6.466	10.432												
	TOTAL OBS	834	759	923	920	924	898	929	930	900	930	810	824	10541												
21-23	MEAN	39.7	39.0	42.1	43.8	49.9	56.3	60.1	60.5	57.2	50.6	44.4	40.8	49.1												
	S D	6.224	5.388	4.937	4.696	5.121	4.722	4.398	4.249	4.850	5.615	6.567	6.715	9.423												
	TOTAL OBS	834	759	885	895	927	899	930	930	900	930	809	820	10518												
ALL HOURS	MEAN	40.3	39.6	43.4	46.0	52.5	59.1	62.7	63.0	59.2	52.0	45.4	41.5	50.9												
	S D	6.423	5.671	5.578	5.906	6.638	6.711	6.402	6.205	6.125	5.959	6.582	6.532	10.496												
	TOTAL OBS	6453	5876	6779	6944	7187	6985	7249	7426	7200	7439	6446	6385	82369												

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

73051 WOODBRIDGE RAF UK

73-83

STATION	STATION NAME	YEARS
HRS	ST	
		JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL
00-02	MEAN	37.0 35.9 38.6 40.1 45.4 51.7 54.8 55.3 52.4 47.3 41.6 38.7 45.4
	S D	6.197 5.340 4.941 4.545 4.891 4.531 4.232 4.461 5.007 5.760 6.728 6.516 8.694
	TOTAL OBS	769 705 746 792 834 812 845 924 900 930 800 768 9825
03-05	MEAN	36.6 35.1 37.8 39.3 44.6 51.8 53.8 54.2 51.2 46.5 41.1 38.4 44.7
	S D	6.236 5.369 4.933 4.544 4.974 4.514 4.375 4.553 5.108 5.878 6.748 6.587 8.560
	TOTAL OBS	741 674 723 793 834 811 852 924 900 930 794 735 9711
06-08	MEAN	36.4 35.1 38.3 40.6 47.2 53.2 56.1 55.9 52.3 46.8 41.1 39.1 45.6
	S D	6.364 5.281 4.930 4.392 4.634 4.303 4.238 4.218 4.981 5.976 6.807 6.597 9.102
	TOTAL OBS	773 702 818 866 896 872 904 928 900 929 801 763 10152
09-11	MEAN	37.5 37.1 41.0 43.4 49.5 55.3 58.2 58.6 55.5 49.6 43.1 38.8 47.7
	S D	5.993 5.174 4.579 4.433 4.785 4.814 4.385 4.042 4.303 5.202 6.326 6.313 9.264
	TOTAL OBS	834 759 902 900 924 897 931 930 900 930 810 825 10541
12-14	MEAN	38.9 38.6 42.5 44.6 50.3 56.3 59.1 59.5 56.4 50.7 44.7 40.1 48.8
	S D	5.559 5.234 4.692 4.693 5.004 4.963 4.576 4.108 4.332 4.855 5.878 5.943 9.054
	TOTAL OBS	834 758 901 898 924 898 930 930 900 930 812 825 10540
15-17	MEAN	38.4 38.1 42.2 44.0 50.0 56.3 59.2 59.2 56.2 50.0 43.9 39.5 48.4
	S D	5.525 5.197 4.734 4.627 4.884 4.713 4.421 3.846 4.378 4.897 6.078 6.149 9.181
	TOTAL OBS	834 759 901 900 924 898 929 930 900 930 810 825 10540
18-20	MEAN	37.4 36.8 40.4 42.0 48.1 54.7 57.8 57.7 54.5 48.3 42.5 38.7 46.9
	S D	5.613 5.309 4.771 4.295 4.663 4.411 4.184 3.725 4.553 5.369 6.484 6.402 9.116
	TOTAL OBS	834 759 903 900 924 898 929 930 900 930 810 824 10541
21-23	MEAN	37.0 36.3 39.3 40.5 46.3 52.6 55.8 56.0 53.0 47.4 41.7 38.3 45.7
	S D	5.760 5.298 4.880 4.429 4.684 4.204 4.064 4.068 4.787 5.626 6.628 6.549 8.783
	TOTAL OBS	834 759 885 895 927 899 931 930 900 930 809 820 10518
ALL HOURS	MEAN	37.4 36.7 40.1 41.9 47.7 53.9 56.9 57.0 53.9 48.3 42.5 38.8 46.7
	S D	5.957 5.477 5.079 4.861 5.208 4.954 4.678 4.524 5.042 5.656 6.581 6.419 9.093
	TOTAL OBS	6453 5875 6779 6948 7187 6985 7249 7426 7200 7439 6416 6385 82368

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

75951 WOODBRIDGE RAF UK

73-83

STATION	STATION NAME	YEARS												
HRS	EST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	32.0	31.7	35.1	36.5	42.2	49.3	52.1	52.2	49.2	44.2	38.3	35.0	42.0
	S D	7.066	6.528	5.928	5.219	5.673	5.066	4.885	5.127	5.803	6.697	8.788	7.661	9.561
	TOTAL OBS	769	735	746	792	834	812	845	924	900	930	800	768	9825
03-05	MEAN	32.4	31.9	34.5	36.0	41.7	48.6	51.3	51.4	48.2	43.5	37.8	34.7	41.5
	S D	7.139	6.521	5.997	5.279	5.686	5.053	5.056	5.164	5.765	6.889	7.955	7.776	9.488
	TOTAL OBS	741	674	723	793	834	811	852	924	900	930	794	735	9711
06-08	MEAN	32.4	31.0	34.8	36.8	43.3	49.8	52.6	52.5	48.9	43.7	38.0	34.6	42.1
	S D	7.199	6.453	6.033	5.223	5.402	4.951	4.993	4.817	5.698	6.946	7.988	7.794	9.755
	TOTAL OBS	773	702	818	866	896	872	904	928	900	929	801	763	10152
09-11	MEAN	33.5	32.7	36.7	37.5	43.6	49.9	52.6	52.9	50.1	45.4	39.4	35.1	42.8
	S D	6.798	6.520	5.913	5.624	5.848	5.675	5.473	5.177	5.637	6.452	7.780	7.455	9.523
	TOTAL OBS	834	759	902	900	924	897	930	930	900	930	810	825	10541
12-14	MEAN	34.4	33.3	37.1	37.5	43.5	50.0	52.6	52.6	49.7	45.4	40.2	35.9	43.0
	S D	6.465	6.647	6.167	6.175	6.286	5.815	5.624	5.363	6.150	6.518	7.655	7.263	9.374
	TOTAL OBS	834	758	901	898	924	898	930	930	900	930	812	825	10540
15-17	MEAN	33.9	33.1	36.7	37.1	43.4	50.1	52.9	52.5	49.8	45.2	39.8	35.5	42.8
	S D	6.463	6.645	6.128	5.990	6.027	5.504	5.449	5.226	6.250	6.504	7.691	7.475	9.492
	TOTAL OBS	834	759	901	900	924	898	929	930	900	930	810	825	10540
18-20	MEAN	33.3	32.5	36.1	36.6	42.8	49.9	52.8	52.7	49.8	44.6	38.9	34.9	42.4
	S D	6.468	6.620	5.909	5.421	5.697	5.167	5.153	4.976	5.899	6.504	7.873	7.537	9.572
	TOTAL OBS	834	759	903	900	924	898	929	930	900	930	810	824	10541
21-23	MEAN	33.0	32.2	35.5	36.2	42.3	49.3	52.4	52.4	49.3	44.2	38.3	34.7	42.0
	S D	6.595	6.541	5.906	5.271	5.507	4.810	4.852	4.991	5.807	6.643	7.904	7.573	9.508
	TOTAL OBS	834	759	885	895	927	899	930	930	900	930	809	820	10518
ALL HOURS	MEAN	33.3	32.2	35.9	36.8	42.9	49.6	52.4	52.4	49.4	44.5	38.8	35.1	42.3
	S D	6.794	6.610	6.062	5.561	5.808	5.290	5.208	5.123	5.904	6.679	7.908	7.569	9.545
	TOTAL OBS	6453	5875	6779	6948	7187	6985	7249	7426	7200	7439	6486	6385	82368

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

135951 000BRIDGE RAF UK

74-75,77-83

JAN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	99.1	94.4	73.7	37.2	7.8	76.9	769
	03-05	100.0	100.0	100.0	100.0	99.3	94.5	73.8	35.6	8.1	76.9	741
	06-08	100.0	100.0	100.0	100.0	99.6	95.6	74.3	38.7	10.2	77.5	773
	09-11	100.0	100.0	100.0	100.0	99.5	94.1	72.4	37.3	17.7	77.1	834
	12-14	100.0	100.0	100.0	100.0	98.9	86.7	61.6	29.0	7.8	74.1	834
	15-17	100.0	100.0	100.0	100.0	99.7	87.9	62.1	31.4	6.8	74.5	834
	18-20	100.0	100.0	100.0	100.0	99.4	93.6	66.7	37.2	8.6	76.6	834
	21-23	100.0	100.0	100.0	100.0	99.4	94.5	71.2	39.0	10.0	77.4	834
TOTALS		100.0	100.0	100.0	100.0	99.3	92.7	69.4	35.7	8.8	76.4	6453

USAFETAC

FORM
1 JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

RELATIVE HUMIDITY

075951 WOODBRIDGE RAF UK

74-75,77-83

FEB

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	01-02	100.0	100.0	100.0	100.0	99.9	91.6	69.1	41.4	11.8	77.1	775
	03-05	100.0	100.0	100.0	100.0	99.9	91.9	69.1	39.9	14.1	77.1	674
	06-08	100.0	100.0	100.0	100.0	99.9	92.9	67.9	39.9	15.7	77.5	702
	09-11	100.0	100.0	100.0	100.0	99.9	91.4	63.5	35.3	11.2	75.6	759
	12-14	100.0	100.0	100.0	99.6	96.7	82.7	49.7	23.5	5.7	71.5	758
	15-17	100.0	100.0	100.0	100.0	96.8	83.4	52.8	25.7	5.8	70.2	759
	18-20	100.0	100.0	100.0	100.0	99.1	90.8	66.0	37.0	11.2	76.1	759
	21-23	100.0	100.0	100.0	100.0	99.1	91.2	70.4	41.1	12.6	77.2	759
TOTALS		100.0	100.0	100.0	100.0	98.5	89.4	63.6	35.4	11.1	75.5	5875

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AMC

RELATIVE HUMIDITY

1951 WOODBRIDGE PAF NJ

74-43

482

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS ULST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	0-23	100.0	100.0	100.0	100.0	100.0	96.2	79.2	57.0	17.5	79.4	745
	3-25	100.0	100.0	100.0	100.0	99.6	97.4	87.2	53.1	15.2	81.5	723
	6-28	100.0	100.0	100.0	100.0	100.0	95.6	80.1	51.0	13.2	79.8	819
	9-11	100.0	100.0	100.0	100.0	99.1	85.9	63.7	34.9	9.2	74.8	972
	12-14	100.0	100.0	100.0	99.9	92.5	73.0	49.3	24.9	5.4	69.9	971
	15-17	100.0	100.0	100.0	99.1	91.6	75.6	47.8	21.2	4.6	69.6	901
	18-20	100.0	100.0	100.0	99.9	98.7	89.0	63.9	31.0	7.2	74.8	972
	21-23	100.0	100.0	100.0	100.0	99.7	94.2	74.1	43.1	17.4	77.6	885
TOTALS		100.0	100.0	100.0	99.9	97.5	98.4	67.3	38.7	9.9	75.8	6779

USAFETAC

FOR
JUL

0-87-5 (OL A)

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

441

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10	20	30	40	50	60	70	80			90
AUG	1-12	100.0	100.0	100.0	100.0	100.0	98.2	77.7	40.7	9.0	74.0	72
	1-15	100.0	100.0	100.0	100.0	100.0	99.4	80.7	46.7	10.1	76.0	74
	1-26	100.0	100.0	100.0	100.0	99.6	94.2	72.5	39.0	8.9	77.0	66
	1-11	100.0	100.0	100.0	99.3	91.0	77.4	57.4	37.1	6.8	87.1	97
	1-14	100.0	100.0	99.9	95.7	87.5	83.7	57.5	7.4	1.7	82.1	98
	1-17	100.0	100.0	99.8	96.7	87.7	85.6	57.7	6.9	1.8	82.7	93
	1-23	100.0	100.0	99.9	99.7	94.3	97.3	49.1	16.3	7.1	68.3	97
	1-23	100.0	100.0	100.0	100.0	99.9	92.5	67.4	31.1	7.0	76.7	89
TOTALS		100.0	100.0	100.0	98.9	93.5	80.2	55.5	25.5	5.5	71.5	494

USAFETAC

FORM
112-A-4

0-87-5 (OL A)

RELATIVE HUMIDITY

4. - 7

STATION NAME _____

PERIOD

6-2-8

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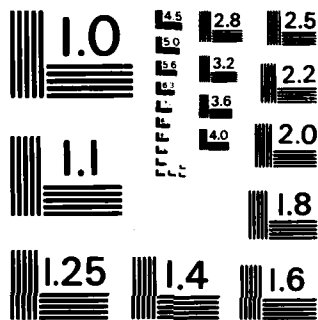
WOODBRIDGE RAF UNITED KINGDOM REVISED UNIFORM SUMMARY
OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 07 MAR 84
USAFETAC/DS-84/011 SBI-AD-E050 023 F/G 4/2

UNCLASSIFIED

F/G 4/2

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

RELATIVE HUMIDITY

JUN

MONTH

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	6-82	100.0	100.0	100.0	100.0	99.9	99.4	94.3	56.9	15.5	82.5	612
	7-85	100.0	100.0	100.0	100.0	100.0	99.5	97.4	62.5	21.7	84.0	611
	86-88	100.0	100.0	100.0	100.0	99.8	94.0	77.4	33.4	9.9	76.8	672
	89-91	100.0	100.0	100.0	99.8	97.1	66.6	34.0	9.8	1.9	65.7	897
	92-94	100.0	100.0	99.9	96.7	81.5	52.0	24.2	5.5	1.3	61.5	898
	95-97	100.0	100.0	99.8	97.0	83.7	53.5	24.3	6.0	1.7	62.0	898
	98-20	100.0	100.0	100.0	99.1	94.5	76.5	49.2	14.9	3.6	69.2	898
	21-23	100.0	100.0	100.0	100.0	99.6	95.1	80.8	38.5	9.7	77.9	899
TOTALS		100.0	100.0	100.0	99.1	93.9	79.6	67.2	28.4	8.7	72.5	6985

FORM
NM 41

0-87-S (OL A)

RELATIVE HUMIDITY

74-97

JUL

STATION

STATION NAME

PERIOD

MONITOR

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	100.0	98.0	86.5	49.6	13.8	31.3	905
	03-05	100.0	100.0	100.0	100.0	100.0	99.1	91.3	53.0	17.7	81.9	652
	06-08	100.0	100.0	100.0	100.0	99.4	92.9	77.5	28.2	6.7	75.3	974
	09-11	100.0	100.0	100.0	99.8	87.4	58.9	29.7	8.5	.9	63.9	931
	12-14	100.0	100.0	99.7	95.4	75.1	45.2	20.7	6.3	.4	59.7	930
	15-17	100.0	100.0	99.9	96.2	79.2	50.6	20.7	5.7	1.0	60.7	929
	18-20	100.0	100.0	99.9	99.4	93.1	71.2	42.5	12.2	2.5	67.6	929
	21-23	100.0	100.0	100.0	100.0	99.4	92.6	74.7	31.6	7.7	76.1	931
TOTALS		100.0	100.0	99.9	98.8	91.7	76.1	54.4	24.5	6.3	70.7	7249

USAFETACFORM
EIA-64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

35951 WOODBRIDGE RAF UK

74-83

AUG

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	97.7	84.0	35.5	8.4	78.3	924
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	89.6	44.3	10.2	80.1	924
	06-08	100.0	100.0	100.0	100.0	99.9	95.6	75.8	29.4	6.7	76.2	928
	09-11	100.0	100.0	100.0	99.0	88.2	57.0	25.8	6.1	2.4	63.4	930
	12-14	100.0	100.0	100.0	94.7	70.9	37.3	14.4	2.6	.5	57.7	930
	15-17	100.0	100.0	99.8	94.3	73.7	43.5	17.0	3.0	.4	58.8	930
	18-20	100.0	100.0	100.0	99.4	93.4	71.7	40.0	9.6	1.5	67.3	930
	21-23	100.0	100.0	100.0	100.0	99.8	92.5	71.5	24.3	4.5	75.0	930
TOTALS		100.0	100.0	100.0	98.4	90.7	74.3	52.4	19.4	4.6	69.6	7426

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

73-22

35P

STATION

STATION NAME

PERIOD

MONTH

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	96.9	81.0	38.7	8.4	77.9	900
	03-05	100.0	100.0	100.0	100.0	100.0	98.7	88.0	42.1	9.4	79.3	900
	06-08	100.0	100.0	100.0	100.0	99.9	97.1	81.0	37.0	7.1	77.6	900
	09-11	100.0	100.0	100.0	99.7	92.3	67.0	38.3	11.0	1.3	55.5	900
	12-14	100.0	100.0	99.9	94.4	75.2	43.2	22.2	5.1	.4	59.7	900
	15-17	100.0	100.0	99.9	95.2	78.8	50.0	26.6	6.3	.7	61.5	900
	18-20	100.0	100.0	100.0	99.8	95.1	79.0	52.6	18.8	2.3	70.2	900
	21-23	100.0	100.0	100.0	100.0	99.9	92.3	71.6	31.7	6.2	75.5	900
TOTALS		100.0	100.0	100.0	98.6	92.7	78.0	57.7	23.9	4.4	71.7	7200

FORM 4-1

0-87-5 (OL A)

RELATIVE HUMIDITY

JCT

MONTH

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	97.8	87.2	46.3	8.9	79.9	930
	03-05	100.0	100.0	100.0	100.0	100.0	97.4	86.8	51.4	12.5	80.6	930
	06-08	100.0	100.0	100.0	100.0	100.0	97.0	86.8	51.1	11.9	80.3	929
	09-11	100.0	100.0	100.0	100.0	99.0	88.3	65.5	23.9	5.7	73.8	930
	12-14	100.0	100.0	100.0	99.8	94.5	70.9	45.9	14.9	3.2	65.3	930
	15-17	100.0	100.0	100.0	99.9	95.9	78.9	53.4	17.8	3.7	70.5	930
	18-20	100.0	100.0	100.0	100.0	99.9	94.4	76.0	32.7	5.6	76.7	930
	21-23	100.0	100.0	100.0	100.0	99.9	97.1	85.4	41.8	7.5	79.9	930
TOTALS		100.0	100.0	100.0	100.0	98.7	90.2	73.4	35.0	7.5	76.1	7439

FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

75951 WOODBRIDGE RAF UK

73-80

NOV

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	99.5	94.4	79.0	48.3	18.6	79.8	800
	03-05	100.0	100.0	100.0	100.0	99.6	96.6	87.4	45.8	18.8	80.1	794
	06-08	100.0	100.0	100.0	100.0	99.6	97.1	81.8	48.6	20.0	80.7	801
	09-11	100.0	100.0	100.0	100.0	99.4	93.0	72.0	38.4	12.8	77.5	810
	12-14	100.0	100.0	100.0	100.0	97.5	85.2	63.4	26.5	8.3	77.6	812
	15-17	100.0	100.0	100.0	99.9	98.8	98.3	67.4	34.7	11.6	75.8	810
	18-20	100.0	100.0	100.0	100.0	99.7	93.5	76.5	45.1	14.7	78.7	810
	21-23	100.0	100.0	100.0	100.0	99.5	94.4	79.1	47.8	17.2	79.5	809
TOTALS		100.0	100.0	100.0	100.0	99.2	92.8	75.0	41.9	15.3	78.2	6446

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

73-74, 76-82

350

STATION

STATION NAME

PERIOD

MONTH

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	0-02	100.0	100.0	100.0	100.0	99.6	96.0	76.6	42.4	14.7	78.7	768
	03-05	100.0	100.0	100.0	100.0	99.7	97.6	77.6	42.3	15.9	79.1	735
	6-08	100.0	100.0	100.0	100.0	100.0	97.2	79.6	45.3	14.7	79.6	763
	09-11	100.0	100.0	100.0	100.0	99.9	96.5	75.9	40.4	13.8	78.7	825
	12-14	100.0	100.0	100.0	100.0	99.2	90.8	65.3	32.1	9.5	75.7	825
	15-17	100.0	100.0	100.0	100.0	99.4	92.4	69.6	36.6	12.1	77.	825
	18-20	100.0	100.0	100.0	100.0	99.9	95.4	76.8	41.6	12.1	78.4	824
	21-23	100.0	100.0	100.0	100.0	100.0	96.6	78.2	44.9	14.0	79.2	820
TOTALS		100.0	100.0	100.0	100.0	99.7	95.3	74.9	40.7	13.4	78.3	6385

USAFETACFORM
NFB-0-01

0-87.5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

RELATIVE HUMIDITY

135951 WOODBRIDGE RAF UK

77-83

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	99.3	92.7	69.4	35.7	9.8	70.4	6453
FEB		100.0	100.0	100.0	100.0	98.5	89.4	63.6	35.4	11.1	75.5	5375
MAR		100.0	100.0	100.0	99.9	97.5	88.4	67.3	38.7	9.9	75.6	6779
APR		100.0	100.0	100.0	98.9	93.6	80.2	55.6	25.9	5.5	71.5	6944
MAY		100.0	100.0	100.0	98.9	92.9	77.7	56.1	26.0	9.3	71.4	7187
JUN		100.0	100.0	100.0	99.1	93.9	79.6	50.2	28.4	9.7	72.5	6985
JUL		100.0	100.0	99.9	98.8	91.7	76.1	54.4	24.5	6.3	70.7	7249
AUG		100.0	100.0	100.0	98.4	91.7	74.3	52.4	19.4	4.5	69.6	7426
SEP		100.0	100.0	100.0	98.6	92.7	78.0	57.7	23.9	4.4	71.0	7200
OCT		100.0	100.0	100.0	100.0	98.7	90.2	73.4	35.0	7.5	76.1	7439
NOV		100.0	100.0	100.0	100.0	99.2	92.8	75.0	41.9	15.3	78.2	6446
DEC		100.0	100.0	100.0	100.0	99.7	95.3	74.9	40.7	13.4	78.3	6385
TOTALS		100.0	100.0	100.0	99.4	95.7	84.6	63.3	31.3	8.6	73.9	82368

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

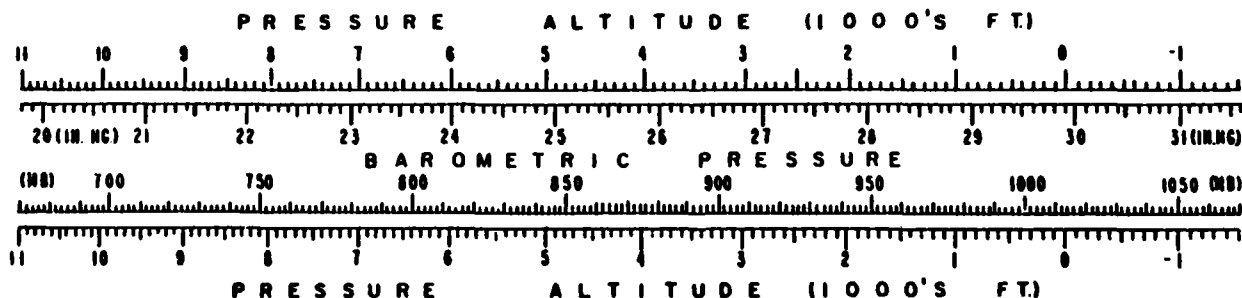
PRESSURE SUMMARY

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.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

035951 WOODBRIDGE RAF UK

73-83

STATION		STATION NAME												YEARS	
HRS	EST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00	MEAN	29.843	29.848	29.733	29.975	29.841	29.978	29.909	29.913	29.872	29.873	29.870	29.716	29.847	
	S D	.389	.400	.336	.284	.241	.216	.182	.194	.267	.322	.329	.446	.315	
	TOTAL OBS	277	253	264	264	278	270	281	308	300	310	270	274	3349	
03	MEAN	29.851	29.676	29.752	29.892	29.828	29.897	29.896	29.902	29.860	29.791	29.863	29.714	29.842	
	S D	.374	.395	.336	.281	.242	.218	.185	.195	.262	.320	.331	.437	.379	
	TOTAL OBS	247	225	241	264	278	270	284	308	300	310	265	245	3237	
06	MEAN	29.842	29.873	29.709	29.895	29.836	29.899	29.899	29.905	29.861	29.791	29.859	29.706	29.842	
	S D	.379	.396	.336	.291	.244	.223	.188	.197	.265	.319	.333	.434	.317	
	TOTAL OBS	247	225	248	266	280	273	284	308	300	310	265	245	3251	
09	MEAN	29.834	29.855	29.756	29.901	29.853	29.909	29.907	29.918	29.878	29.810	29.870	29.722	29.852	
	S D	.400	.404	.337	.276	.248	.223	.188	.199	.270	.320	.334	.435	.314	
	TOTAL OBS	276	253	300	300	308	299	310	310	300	310	270	275	3513	
12	MEAN	29.831	29.856	29.753	29.899	29.852	29.907	29.904	29.915	29.873	29.808	29.862	29.719	29.849	
	S D	.402	.405	.333	.274	.248	.222	.187	.198	.269	.318	.337	.433	.313	
	TOTAL OBS	278	253	301	300	308	298	310	310	300	310	271	275	3514	
15	MEAN	29.813	29.835	29.738	29.885	29.843	29.897	29.896	29.906	29.858	29.796	29.845	29.710	29.837	
	S D	.402	.402	.326	.273	.246	.219	.183	.193	.262	.311	.340	.430	.311	
	TOTAL OBS	278	253	300	300	308	299	310	310	300	310	270	275	3513	
18	MEAN	29.829	29.843	29.747	29.885	29.839	29.893	29.889	29.901	29.860	29.806	29.860	29.721	29.840	
	S D	.404	.400	.324	.272	.243	.217	.181	.190	.257	.312	.339	.430	.309	
	TOTAL OBS	278	253	301	300	308	299	309	310	300	310	270	275	3513	
21	MEAN	29.841	29.849	29.756	29.911	29.856	29.907	29.904	29.918	29.876	29.810	29.869	29.719	29.852	
	S D	.396	.399	.331	.275	.240	.218	.178	.190	.259	.317	.338	.439	.311	
	TOTAL OBS	278	253	301	300	309	300	310	310	300	310	270	274	3515	
ALL HOURS	MEAN	29.835	29.854	29.739	29.895	29.844	29.902	29.900	29.910	29.867	29.802	29.862	29.716	29.845	
	S D	.394	.400	.332	.276	.244	.219	.184	.194	.263	.317	.334	.435	.311	
	TOTAL OBS	2161	1968	2256	2298	2377	2308	2398	2474	2400	2480	2151	2138	27405	

END

DATE
FILMED

6-84

DTIC